PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

20 YEARS
1991 - 2011

Subsurface Investigation Groundwater Study Report

KEM Cleaners, Curry Rd
1911 Curry Rd., Rotterdam, NY
Schenectady County, New York
NYSDEC Site No.: 447031

Report Completed:
January 15, 2016

Prepared For:

New York State Department of Environmental Conservation
Division of Environmental Remediation
Region 4
1130 North Westcott Road
Schenectady, New York 12306

Prepared By:

PRECISION ENVIRONMENTAL SERVICES, INC.
Lot 38, Curtis Industrial Park
831 Route 67
Ballston Spa, New York 12020

1.0 Introduction:

Precision Environmental Services, Inc. (PES), has prepared this report to document the findings of subsurface investigative work performed at the former KEM Cleaners site (NYSDEC Site No.: 447031) located at 1911 Curry Road, in the Town of Rotterdam, Schenectady County, NY (hereafter referred to as 'The Site') (see Attachment A, Figure 1 for site location detail). The work described within this report was initiated pursuant to a directive from the New York State Department of Environmental Conservation (NYSDEC). All work performed was completed under NYSDEC prime contract C100906 and PESs Proposed Site Characterization Work Plan dated April 3, 2014. Work tasks completed and documented within this report include ①- installation of eight (8) soil borings; ②- installation of eight (8) temporary, groundwater monitoring wells; ④- acquisition of soil samples; ⑤- performance of a site survey to determine top of casing elevations of newly installed wells and to create an accurate site map; and ⑥- development and sampling of newly installed and existing available groundwater monitoring wells.

1.1 Background:

Please Note: *The following discussion is limited to PESs findings as they relate solely to the limits of the authorized scope of work. Specifically, information presented will address only those areas of the site where PES performed subsurface investigative work (i.e. – installed soil boring locations) see Attachment A, Figure 2 for site plan details.*

As of the date of the most recent investigation work that is described in this report The Site is currently being utilized for retail petroleum sales and convenience mart by Hess Corporation (Hess)[1]. A portion of The Site currently owned and operated by Hess was previously occupied by KEM Cleaners, Inc. who operated a retail dry cleaning operation on the premises.

Hess reportedly completed remedial work in 2003 (soil excavation and dewatering/treatment) to facilitate construction and installation of the existing petroleum storage and distribution infrastructure. Confirmatory soil samples collected following the remedial excavation work identified the continued presence of relatively lower concentrations of Tetrachloroethene (PCE) and associated daughter compounds in soils.

On January 16, 2014 PES, on behalf of the NYSDEC, gauged, purged and sampled a single existing groundwater monitoring well (MW-6). PCE was documented in groundwater at 80 ug/L. NYSDEC then called out PES to conduct a subsurface investigation at The Site to further characterize The Site and to determine the magnitude and extent of PCE contamination in subsurface soils and groundwater. Following receipt of site access, PES completed the investigative work from June 23, 2014 through January 2, 2015. The results from these efforts have been detailed below.

1.2 Site Description:

The subject property is located at 1911 Curry Rd., in Rotterdam, Schenectady County, New York. Figure 1, provided in Attachment A, is an annotated United States Geological Survey Map (USGS 2013) depicting site location and local topography. In general, the land surfaces at The Site are covered with asphalt and grass. The land surface slopes to the northeast with a steep grade and elevation drop at the northern extent where the property is bound by an unnamed surface stream. The Site is situated in a mixed residential and commercial area. Aboveground structures include a concrete block building, which is utilized for retail petroleum sales pursuant to Petroleum Bulk Storage Permit No.: 4-600891 and convenience mart (see Figure 2, Site Plan for detail). Existing infrastructure is serviced by natural gas and municipally supplied water and sewer systems.

[1] Hess Corporation and this station location became Speedway in 2014-2015

2.0 Subsurface Investigation:

In June 2014, PES performed subsurface investigative work on The Site by installing soil borings and temporary groundwater monitoring wells. The purpose of the soil borings and temporary groundwater monitoring wells are to provide for the acquisition of soil and groundwater samples to be analyzed by qualified personnel to determine contaminant occurrence, concentration and migration, lithology and hydrogeology.

2.1 Soil Boring Installation:

Soil borings installed at The Site by PES have been designated as SB-1/MW-1401 through SB-8/MW-1408 (See Attachment A, Figure 2, for relative locations). All borings and wells were installed utilizing PES's limited access 540B Geoprobe direct push soil probe. Pre-clearing at each location was completed to six-feet below grade in accordance with Hess Corporate EHS & SR Standard for Pre-Clearing and Remediation Drilling. Borings were advanced to a maximum depth of 20-feet below grade to intersect the apparent water table and/or locate the bottom of the observed contaminated layer. Continuous, discrete, core sampling was conducted at four (4)-foot intervals during boring advancement. Upon collection, each sample was examined for lithologic classification and screened with a Photo Ionization Detector (PID) to qualitatively determine the presence and amount of volatile organic compounds (VOCs). Screening involved sealing representative portions of the acquired sample in clean plastic bags, allowing for equilibration and scanning the headspace with the PID. Decontamination procedures were performed on all soil sampling equipment prior to and between each sample acquisition.

2.2 Soil Sample Acquisition:

During the installation of the soil borings, PES obtained soil samples representative of effected soils (as determined through PID screening) and/or soils located at the water table interface. Select soil samples, which were discretely collected from the core samples obtained, were secured in laboratory-supplied glassware, placed on ice and submitted via chain-of-custody protocol to Test America, Inc. of Amherst, NY (Test America) to be analyzed under direct contract with the NYSDEC for VOCs via EPA analytical method 8260B.

2.3 Monitoring Well Installation:

Each boring was converted into a one (1)-inch diameter, temporary, groundwater-monitoring well (See Attachment A, Figure 2: Site Plan, for relative well locations). The wells were constructed of schedule 40 PVC well screen and casing with flush threaded joints (see Table 1 below for well construction summary). Each well was constructed such that the screened interval extends across the observed water table. The annular space around the well screen was filled with silica sand to approximately one (1) foot above the well screen. A bentonite seal was then placed above the sand to prevent the infiltration of surface water. Each well was completed with flush-to-grade, bolt down, watertight, traffic-rated road box.

TABLE 1: Well Construction Summary

Boring/Well ID	Total Depth (feet)	Screen Interval (feet)	Depth at which Groundwater was Encountered (feet)
MW-1401	12	2-12	8
MW-1402	20	9-19	13
MW-1403	12	4-12	6
MW-1404	16	6-16	10
MW-1405	12	4-12	7
MW-1406	13	5-13	8
MW-1407	14	4-14	8
MW-1408	16	6-16	10

2.4 Monitoring and Surveying:

Following well installation, top of well casing elevations were surveyed to determine groundwater elevation and/or groundwater gradient in the subsurface. All elevation data acquired was relative to an assumed elevation of a temporary benchmark. Depth to water *(gauging)* and the presence and/or thickness of light and dense non aqueous phase liquid (LNAPL and DNAPL) was also determined for each data point using a sonic interface probe. The instrument utilized is capable of distinguishing the air/liquid interface to an accuracy of 0.01 feet. Table 2 included in Attachment B summarizes the top of casing elevations, the depth to groundwater and the corresponding groundwater elevation for the monitoring events. LNAPL and/or DNAPL were not present in the wells at the time of the gauging event. Depth to groundwater data was coupled with the acquired survey data to produce the Groundwater Contour Maps included as Attachment A, Figures 3 and 3a. The elevation data depicted therein indicates that the local groundwater was generally flowing in a northeasterly direction at the time of the gauging events that took place on July 2, 2014 and January 2, 2015. The October 29, 2014 sampling event returned anomalous gauging data and therefore additional data was collected and presented.

2.5 Monitoring Well Sampling:

On July 2, 2014 and October 29, 2014 groundwater samples were collected from the existing network of monitoring wells using a peristaltic pump with dedicated polyethylene tubing. Prior to sampling, each well was developed by over pumping to develop the wells and promote the collection of a representative groundwater sample. Samples were secured in laboratory-supplied glassware, placed on ice and submitted via chain-of-custody protocol to Test America to be analyzed under direct contract with the NYSDEC for VOCs via EPA analytical method 8260B.

3.0 Geologic/Hydrogeologic Findings:

3.1 Regional Geology:

The subject property is located within the Hudson Mohawk Lowland Physiographic Province. The overburden soils in the surrounding area have been characterized as Lacustrine Delta, which is

composed of generally well sorted, stratified coarse to fine gravel and sand (Cadwell et al, 1987). The bedrock geology identified in the vicinity of the property is Canajoharie Shale that is of Middle Ordovician origin (Fisher et al, 1970).

3.2 Site Geology:

Subsurface soils were investigated at The Site by utilizing the soil borings as previously discussed. The depth of overburden exploration reached a maximum of twenty (20)-feet below grade. Soils encountered were generally composed of fine to medium grain sand and silty sand overlain by fill material consisting of sand and gravel mix with asphalt and concrete debris (see Attachment C Boring Logs for detail).

3.3 Surface Water:

The nearest surface water body, an unnamed creek and tributary to the Mohawk River comprises the northern border of The Site (see Attachment A, Figure 1 for detail).

3.4 Site Hydrogeology:

Groundwater was encountered from 6 to 13-feet below grade during the drilling work completed at The Site in June 2014. Groundwater within this regime appears to exist unconfined in a shallow, sandy aquifer and is flowing to the north-northeast.

4.0 Laboratory Analytical Testing Results:

4.1 Soil Sampling Results:

As Table 3 in Attachment B indicates, PCE was found in soils at SB-2, SB-3, SB-6 and SB-7 at concentrations below Unrestricted Use Soil Cleanup Objectives pursuant to 6 NYCRR Part 375-6.8. The highest concentration of PCE (0.12 mg/kg) was detected in shallow soils located above the water table at boring SB-2.

Acetone was also reported at 0.027 and 0.024 mg/kg in samples collected from borings SB-1 and SB-4 respectively. This particular contaminant is not historically related to The Site. Acetone is commonly used in the laboratory and therefore may be a laboratory artifact.

A copy of the laboratory's analytical report for the submitted soil samples has been included in Attachment D. The results have also been displayed on Figure 4 included in Attachment A. Independent data validation was completed by Alpha Geoscience of Clifton Park, NY. Their Data Usability Summary Report has been included in Attachment E.

4.2 Groundwater Sampling Results:

As Tables 4 and 4a in Attachment B indicate, PCE and associated daughter compounds Trichloroethene (TCE) and cis-1,2-Dichloroethene (DCE) were documented in wells MW-6, MW-1402, MW-1403, MW-1404, MW-1406, and MW-1407. PCE was detected above the standard established in the NYSDEC Regulation 6 NYCRR Subpart 703.5 - *Division of Water Resources, Classes, and Quality Standards for Groundwater*, in monitoring wells MW-6, MW-1402, MW-1403, and MW-1407 at concentrations ranging from 18 ug/L to 91 ug/L.

The analytical reports for the submitted groundwater samples have been included in Attachment D. The results and associated PCE plume have also been depicted in Attachment A, Figures 5 and 5a. Independent data validation was completed by Alpha Geoscience of Clifton Park, NY. Their Data Usability Summary Reports have been included in Attachment E.

5.0 Discussion/Conclusions:

As directed and as approved by the NYSDEC, from June 23 to July 2, 2014 PES installed eight (8) soil borings, eight (8) temporary groundwater-monitoring wells to varying depths at the subject property to further investigate the subsurface. Soil screening and sampling took place during soil boring installation. Select soil samples from soil borings were submitted for laboratory analysis. Soil screening and sampling results obtained indicate that PCE impacts reside in shallow soils at 6 to 10-feet below grade and above the observed water table at location SB-2/MW-1402. PCE was also documented in soils at the water table interface at SB-2/MW-1402, SB-3/MW-1403, SB-6/MW-1406, and SB-7/MW-1407 locations.

Subsequent to their installation, newly installed and existing groundwater monitoring wells were gauged and sampled. The results of the well monitoring event indicate that the water table resides at approximately 6 to10-feet beneath The Site and that the general flow of groundwater is to the east/northeast.

Groundwater sample results indicate that dissolved PCE and associated daughter compounds exist within the groundwater regime at The Site in the vicinity of the well network. Specifically, PCE was detected in groundwater at concentrations ranging from 0.99 µg/L (MW-1402) to 91 µg/L (MW-6). Monitoring wells MW-6, MW-1402, MW-1403, and MW-1407 have contained concentrations that exceed NYSDEC groundwater standards.

PCE is a contaminant of concern on the NYS Department of Health target list for Soil Vapor Intrusion. There are occupied commercial and residential structures within and adjacent to the documented dissolved-phase PCE plume. Soil vapor that may include harmful concentrations of vapor-phase PCE may migrate and move through the subsurface more readily than groundwater and dissolved-phase contaminants and can travel within different pathways and vectors that are not conducive to modeling and tracking as are plumes of dissolved contaminates in groundwater.

6.0 Disclaimer:

Any statement or opinion contained in this Report prepared by Precision Environmental Services, Inc. (PES) shall not be construed to create any warranty or representation that the real or personal property on which the investigation was conducted is free of pollution or complies with any or all applicable regulatory or statutory requirements, or that the property is fit for any particular purpose. Unless otherwise indicated in this Report, PES did not independently determine the compliance of present or past owners of the site with federal, state or local laws and regulations. The conclusions presented in this Report were based upon the services described, within the time and budgetary constraints imposed by the client, and not on scientific tasks or procedures beyond the scope of those described services. PES shall not be responsible for conditions or consequences arising from any facts that were concealed, withheld or not fully disclosed by any person at the time the evaluation was performed.

Any person or entity considering the acquisition, use or other involvement or activity concerning the property that is the subject of this Report shall be solely responsible for determining the adequacy of the property for any and all such purposes. The person or entity should enter into any such acquisition or use relying solely on its own judgment and personal investigation of the property, and not upon reliance of any representation by PES regarding the property or the character, quality or value thereof.

Should you have any questions regarding the above report, please feel free to contact the undersigned at 518-885-4399.

Sincerely;
PRECISION ENVIRONMENTAL SERVICES, INC.

Stephen M. Phelps
Project Manager

Kati Liloia
Geoloogist

Enclosures:
Attachment A: Figures 1-5a
Attachment B: Summary Tables
Attachment C: Drilling Logs
Attachment D: Laboratory Analytical Reports
Attachment E: Data Usability Summary Reports

ATTACHMENT A

Figures 1-5a

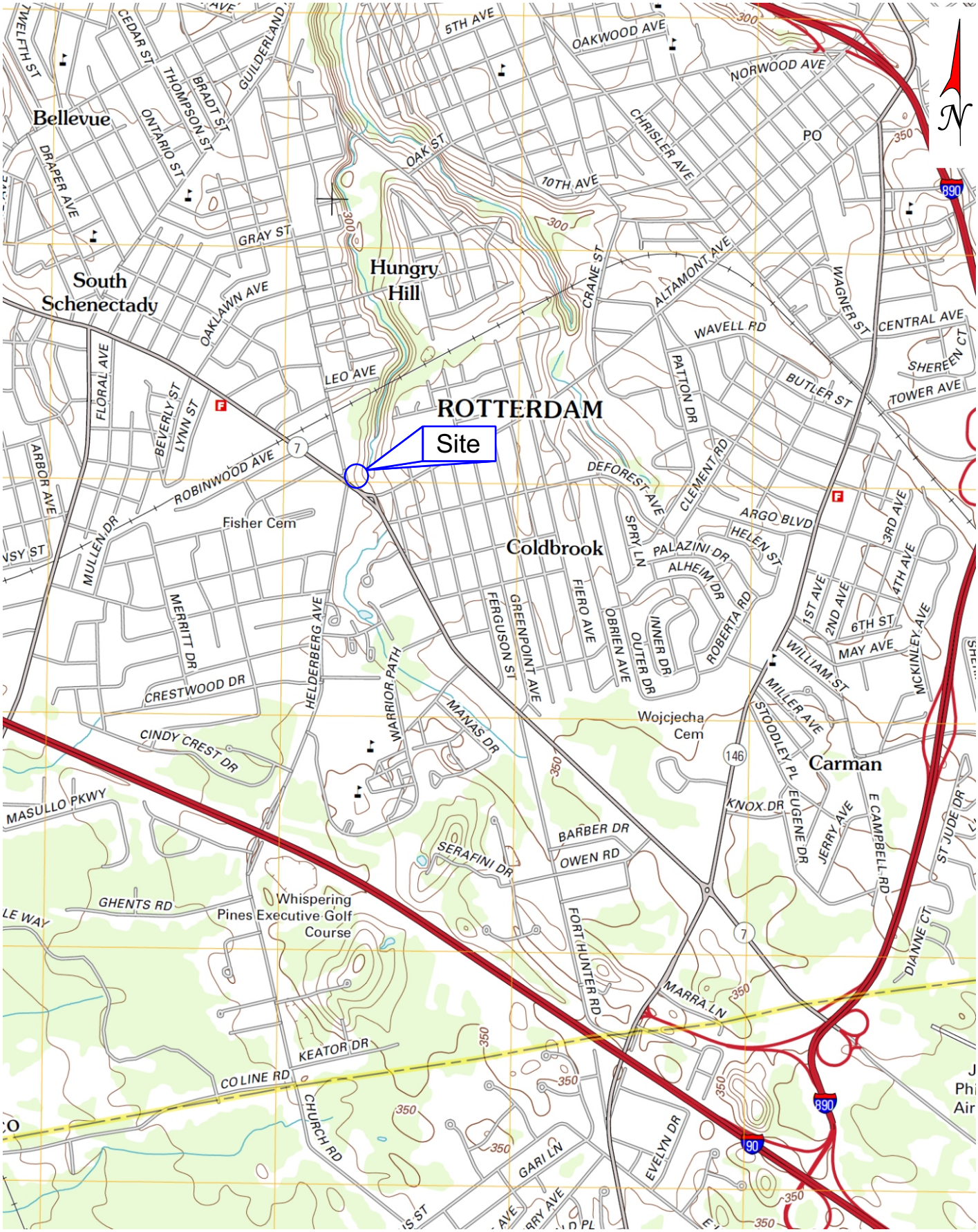


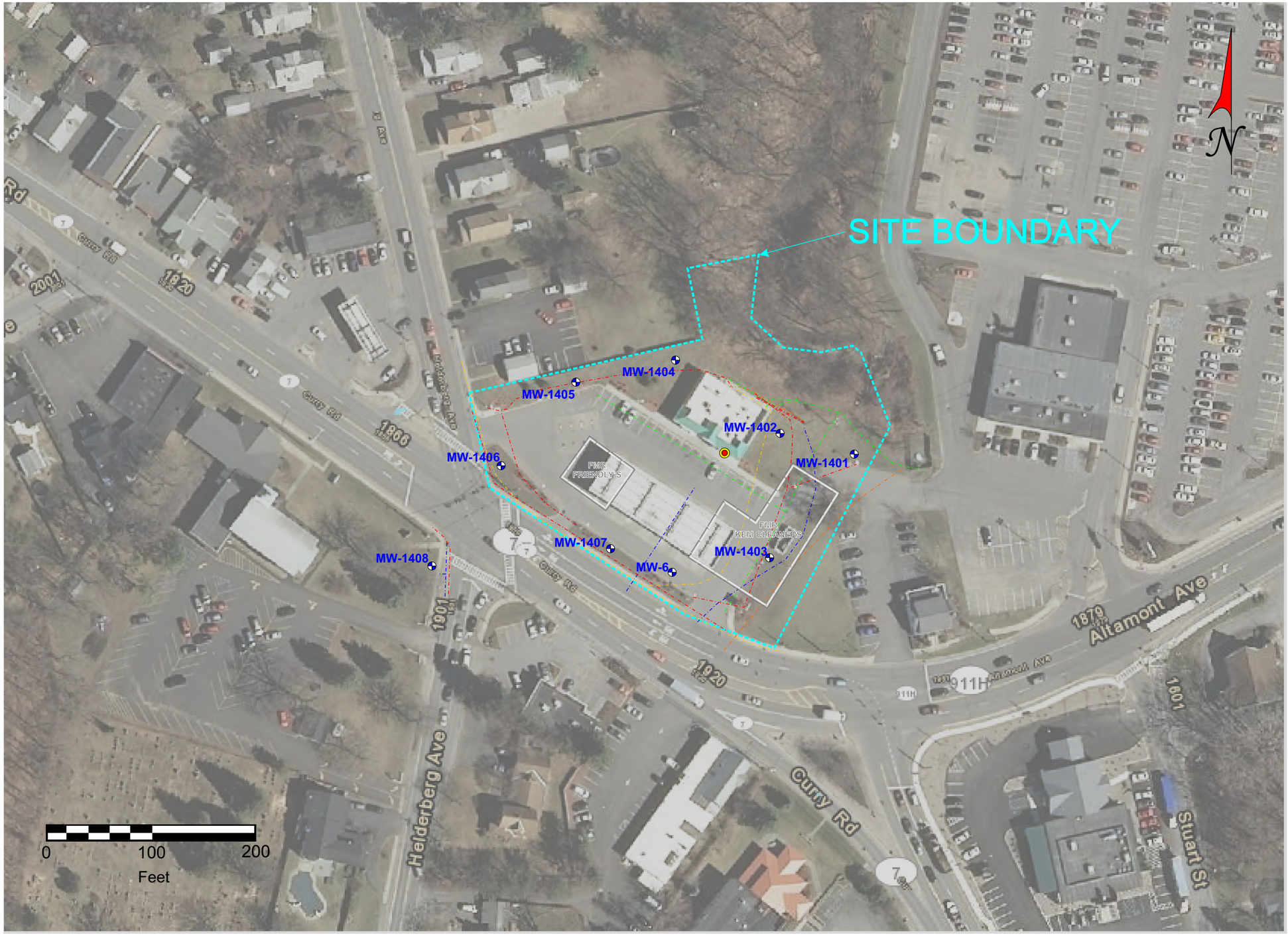
Image Courtesy of the U.S. Geological Survey: Schenectady NY 15' Quadrangle 2013

PRECISION ENVIRONMENTAL SERVICES, INC.
831 RT. 67,LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

KEM Cleaners, Curry Road

Site Location Detail

Location: 1911 Curry Rd., Rotterdam, NY	Date: October 2014
Client: NYSDEC	Scale: NTS
Drawn By:	Figure: 1



PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67,LOT 28
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

SITE PLAN

KEM CLEANERS, CURRY ROAD

PROJECT #: NYSDEC SITE NO.: 447031

LOCATION: 1911 CURRY RD., ROTTERDAM, NY

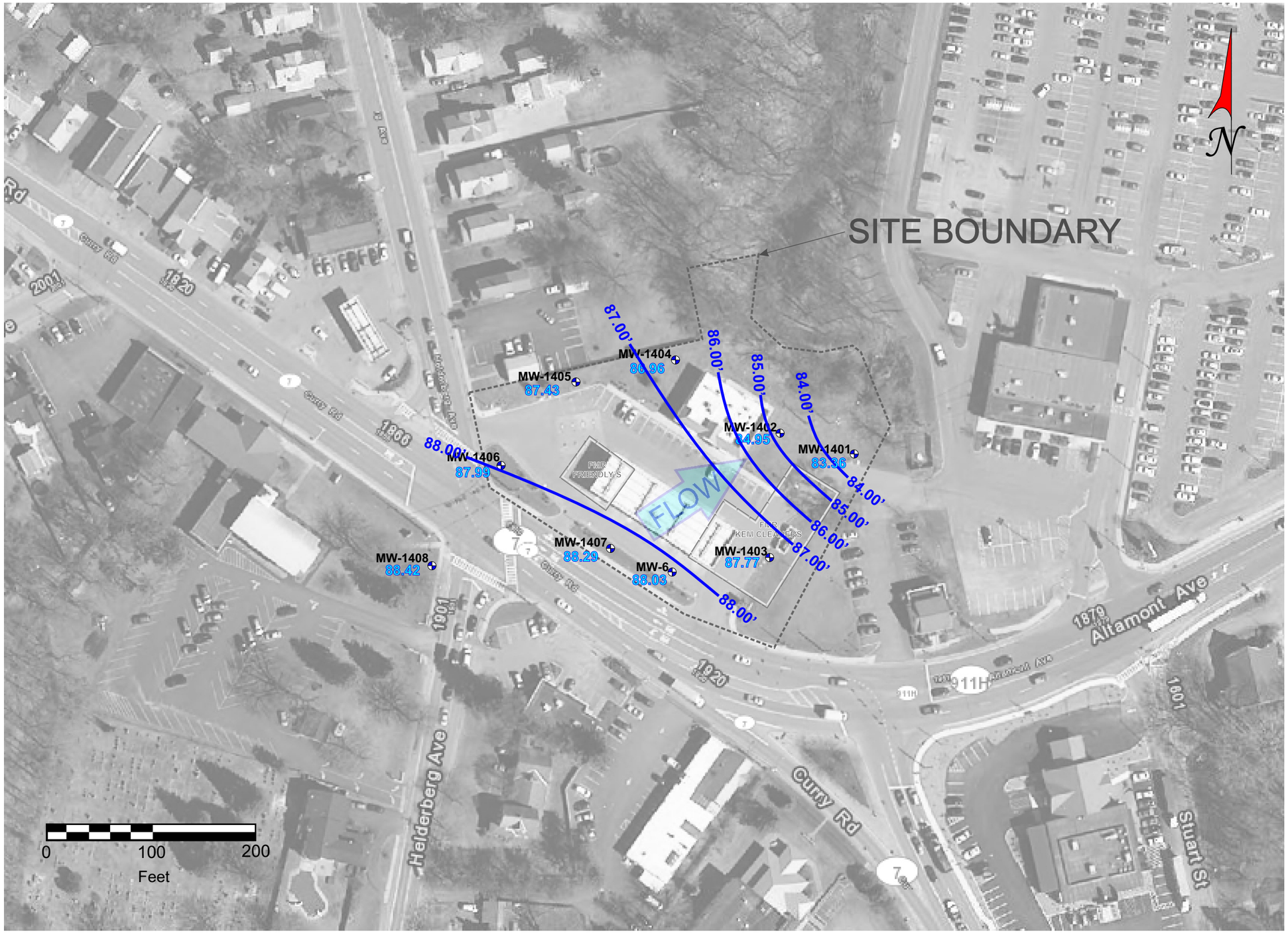
DATE: 7/1/2014	**REVISED BY:** SMP
FIGURE: 2	**SCALE:** AS SHOWN

LEGEND

- MW-6 — EXISTING MONITORING WELL
- STATION EMERGENCY SHUTOFF SWITCH
- UNDERGROUND WATER LINE
- UNDERGROUND SEWER LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND GAS LINE
- UNDERGROUND TELECOM LINE

NOTES:

- 2011 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- ALL LOCATIONS ARE APPROXIMATE



PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67,LOT 28
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUNDWATER GRADIENT

KEM CLEANERS, CURRY ROAD

PROJECT #: NYSDEC SITE NO.: 447031

LOCATION: 1911 CURRY RD., ROTTERDAM, NY

DATE: 9/24/2014	**REVISED BY:** SMP
FIGURE: 3	**SCALE:** AS SHOWN

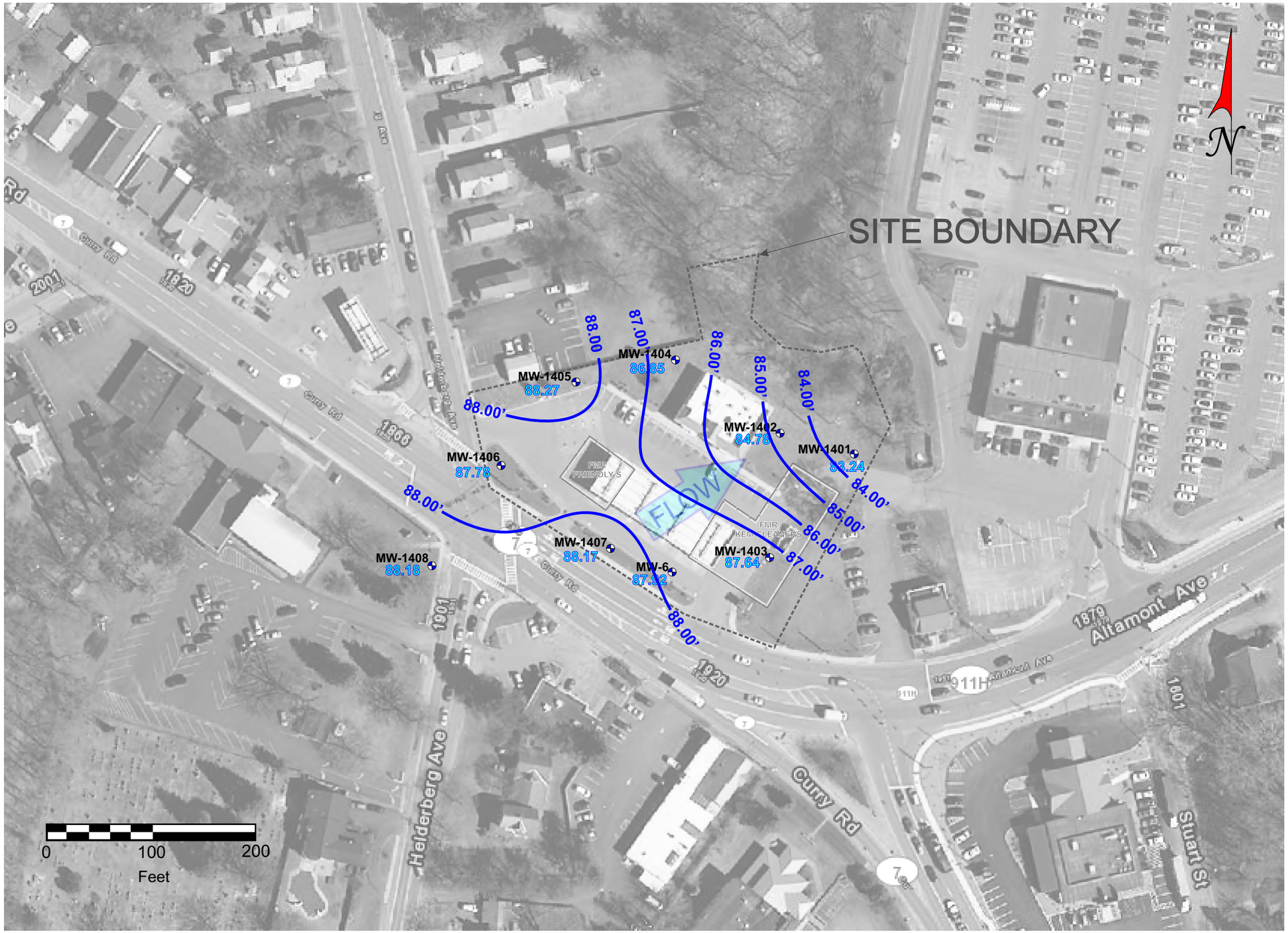
LEGEND

- MW-6 — EXISTING MONITORING WELL
- 97.50' — GROUNDWATER ELEVATION
- 72.00 — GROUNDWATER CONTOUR DASHED WHERE INFERRED
- FLOW — GROUNDWATER FLOW DIRECTION

DATA COLLECTED ON JULY 2, 2014

NOTES:

- 2011 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- ALL LOCATIONS ARE APPROXIMATE



PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67,LOT 28
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUNDWATER GRADIENT

KEM CLEANERS, CURRY ROAD

PROJECT #: NYSDEC SITE NO.: 447031

LOCATION: 1911 CURRY RD., ROTTERDAM, NY

DATE: 12/1/2014	**REVISED BY:** KNL
FIGURE: 3a	**SCALE:** AS SHOWN

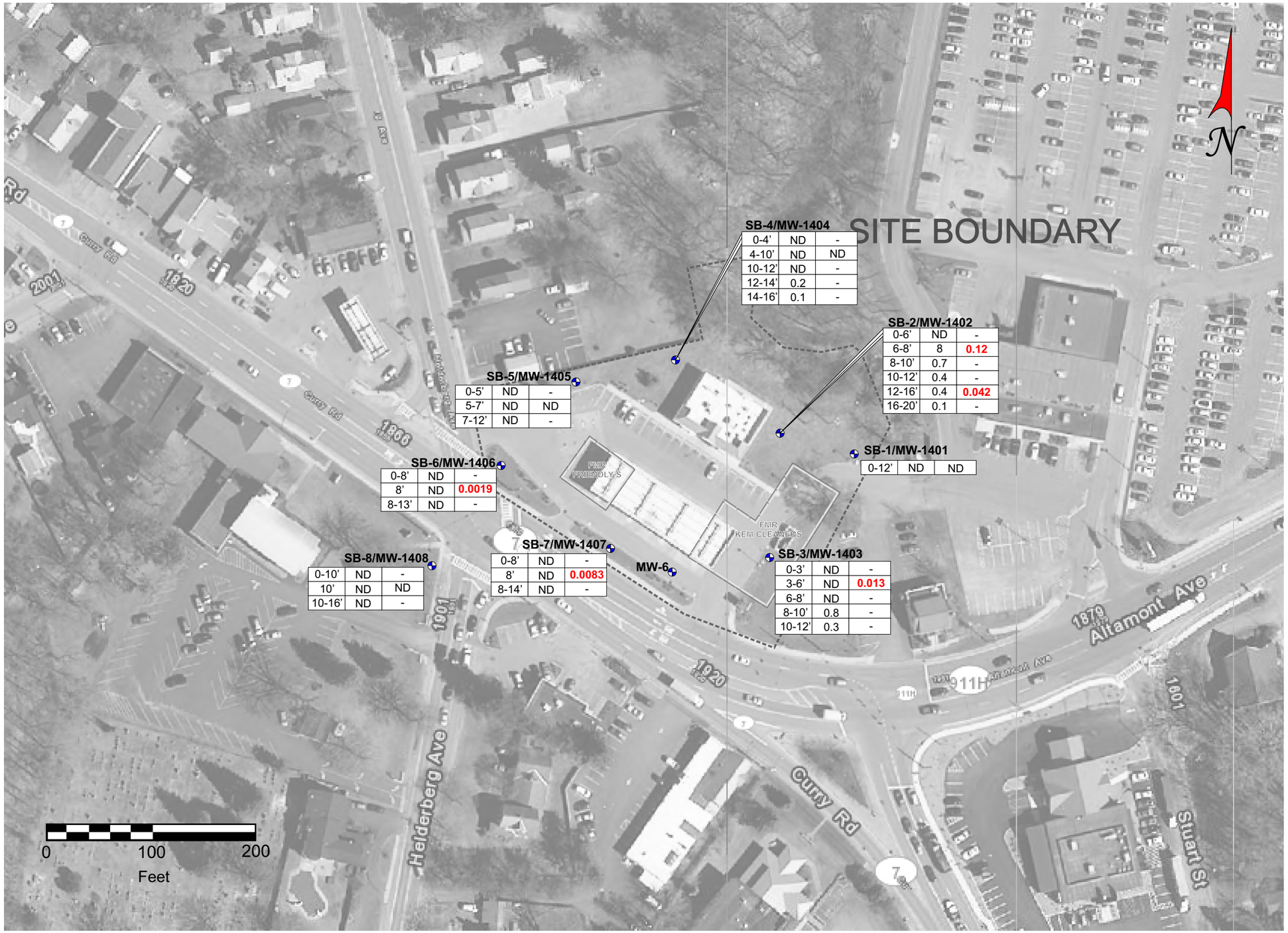
LEGEND

- MW-6 — EXISTING MONITORING WELL
- 97.50' — GROUNDWATER ELEVATION
- 72.00 — GROUNDWATER CONTOUR DASHED WHERE INFERRED
- FLOW — GROUNDWATER FLOW DIRECTION

DATA COLLECTED ON JANUARY 2, 2015

NOTES:

- 2011 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- ALL LOCATIONS ARE APPROXIMATE



PRECISION ENVIRONMENTAL SERVICES, INC.
831 RT. 67,LOT 28
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

PCE IN SOIL

KEM CLEANERS, CURRY ROAD

PROJECT #: NYSDEC SITE NO.: 447031

LOCATION: 1911 CURRY RD., ROTTERDAM, NY

DATE: 9/24/2014 **REVISED BY:** SMP

FIGURE: 4 **SCALE:** AS SHOWN

LEGEND

MW-6 EXISTING MONITORING WELL

DEPTH	MAX PID	PCE
0-3'	50	0.1077

MAX PID EXPRESSED IN PPM

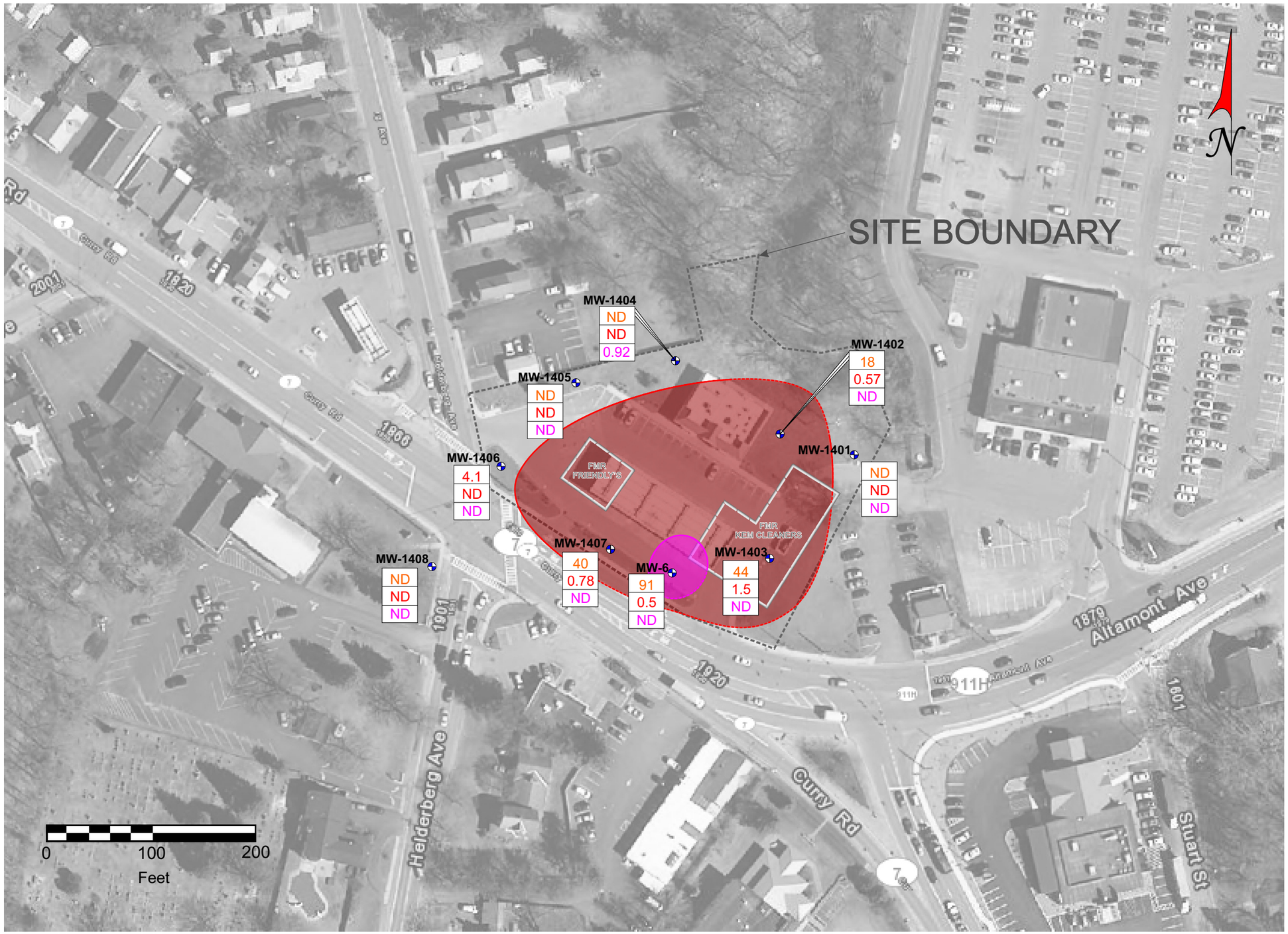
PCE = TETRACHLOROETHENE CONC. (MG/KG)

ND = NOT DETECTED

DATA COLLECTED ON JUNE 23 & 24, 2014

NOTES:

- 2011 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- ALL LOCATIONS ARE APPROXIMATE



PRECISION ENVIRONMENTAL SERVICES, INC.

831 RT. 67,LOT 28
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

CVOCs IN GROUNDWATER

KEM CLEANERS, CURRY ROAD

PROJECT #: NYSDEC SITE NO.: 447031

LOCATION: 1911 CURRY RD., ROTTERDAM, NY

DATE: 9/24/2014	**REVISED BY:** SMP
FIGURE: 5	**SCALE:** AS SHOWN

LEGEND

MW-6 EXISTING MONITORING WELL

PCE	TETRACHLOROETHENE
TCE	TRICHLOROETHENE
DCE	CIS-1,2-DICHLOROETHENE

ND NON DETECT

CHLORINATED SOLVENT PLUME (TOTAL PCE, TCE & DCE) - DASHED WHERE INFERRED

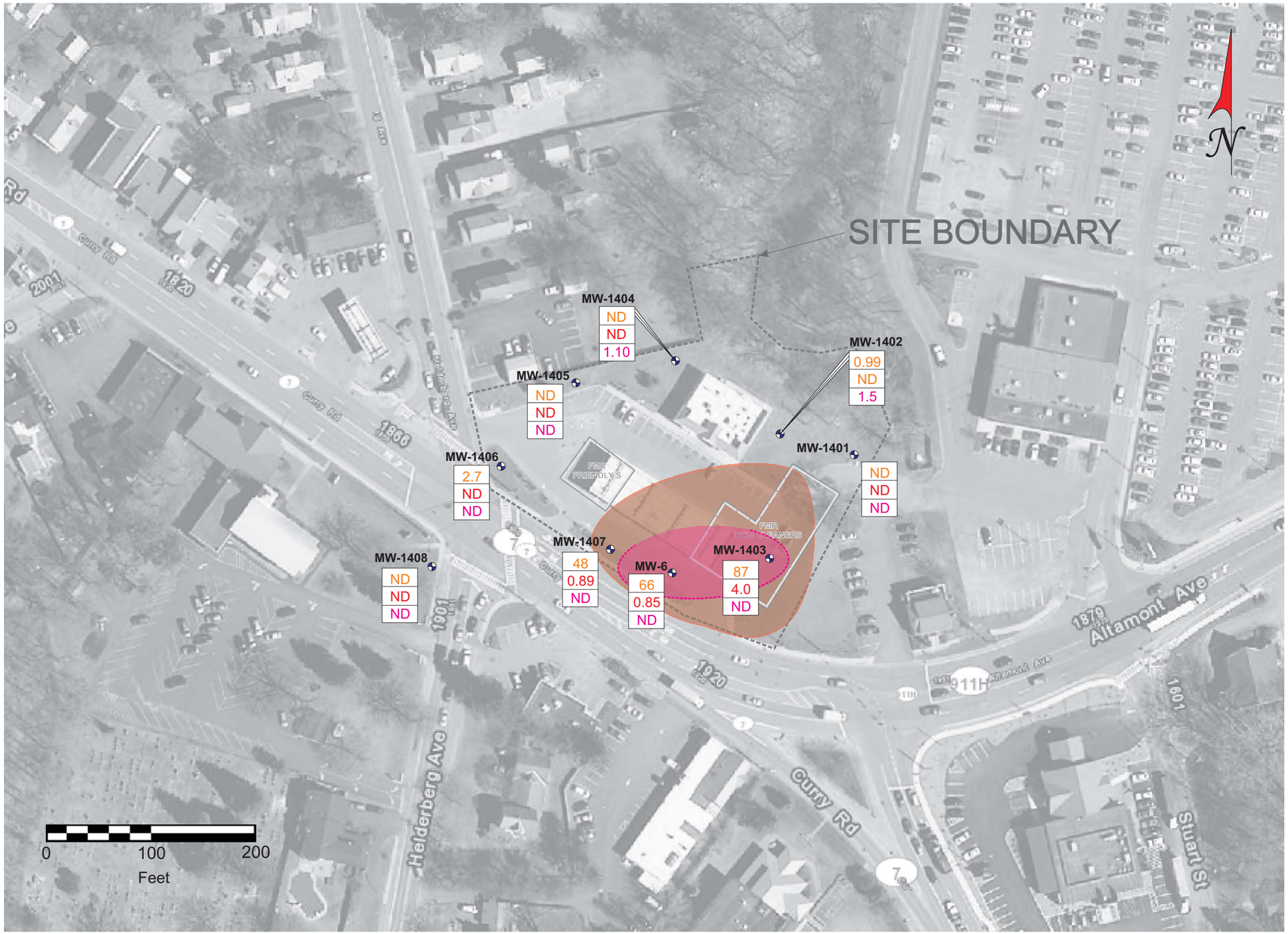
>5 ug/L

>50 ug/L

DATA COLLECTED ON JULY 2, 2014

NOTES:

- 2011 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- ALL LOCATIONS ARE APPROXIMATE



PRECISION ENVIRONMENTAL SERVICES, INC.
831 RT. 67,LOT 28
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

CVOCs IN GROUNDWATER

KEM CLEANERS, CURRY ROAD

PROJECT #: NYSDEC SITE NO.: 447031

LOCATION: 1911 CURRY RD., ROTTERDAM, NY

DATE: 12/1/2014	**REVISED BY:** KNL
FIGURE: 5a	**SCALE:** AS SHOWN

LEGEND

MW-6 EXISTING MONITORING WELL

PCE	TETRACHLOROETHENE
TCE	TRICHLOROETHENE
DCE	CIS-1,2-DICHLOROETHENE

ND NON DETECT

CHLORINATED SOLVENT PLUME (TOTAL PCE, TCE & DCE) - DASHED WHERE INFERRED

5 PPB

50 PPB

DATA COLLECTED ON OCTOBER 29, 2014

NOTES:

- 2011 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- ALL LOCATIONS ARE APPROXIMATE

ATTACHMENT B

Summary Tables

PRECISION
ENVIRONMENTAL SERVICES, INC.

KEM Cleaners
1911 Curry Rd., Rotterdam, New York

TABLE 2

Summary of Groundwater Gauging and Elevation Data							
Monitoring Well ID	**Top of Casing Elevation**	**Depth to Water**	**Watertable Elevation**	**Depth to Water**	**Watertable Elevation**	**Depth to Water**	**Watertable Elevation**
		7/2/2014		**10/29/2014**		**1/2/2015**	
MW-1401	89.27	5.91	83.36	6.42	78.45	6.03	83.24
MW-1402	95.69	10.74	84.95	12.37	83.32	10.91	84.78
MW-1403	93.42	5.65	87.77	6.11	83.72	5.78	87.64
MW-1404	94.56	7.60	86.96	7.96	82.94	7.71	86.85
MW-1405	95.27	7.84	87.43	7.46	84.81	7.00	88.27
MW-1406	96.01	8.02	87.99	8.77	87.24	8.23	87.78
MW-1407	95.69	7.40	88.29	8.01	84.44	7.52	88.17
MW-1408	96.38	7.96	88.42	8.81	83.68	8.20	88.18
MW-6	94.15	6.12	88.03	6.67	83.59	6.23	87.92

All Values are expressed in feet
Survey performed by PES

KEM Cleaners

1911 Curry Rd, Rotterdam, NY

TABLE 3

Soil Boring Analytical Summary																
Soil Boring - Hit List																
Analyte	**Unit**	**SB-1 8-10'**	**SB-2 12-16'**	**SB-2 6-8'**	**SB-3 3-6'**	**SB-4 4-10'**	**SB-5 5-7'**	**SB-6 8'**	**SB-7 8'**	**SB-8 10'**	NYSDEC Subpart 375-6 Remedial Program Soil Cleanup Objectives *1					
											Unrestricted Use	Restricted Use				Protection of Groundwater
												Residential	Restricted Residential	Commercial	Industrial	
Volatile Organic Compounds - EPA 8260																
Acetone	*mg/kg*	**0.027**	ND	ND	ND	**0.024**	ND	ND	ND	ND	*0.05*	*100*	*100*	*500*	*1,000*	*0.05*
cis-1,2-Dichloroethene	*mg/kg*	ND	ND	ND	ND	ND	ND	ND	ND	ND	*0.25*	*59*	*100*	*500*	*1,000*	*0.25*
Tetrachloroethene	*mg/kg*	ND	**0.042**	**0.12**	**0.013**	ND	ND	**0.0019 J**	**0.0083**	ND	*1.3*	*5.5*	*19*	*150*	*300*	*1.3*
Trichloroethene	*mg/kg*	ND	ND	ND	ND	ND	ND	ND	ND	ND	*0.47*	*10*	*21*	*200*	*400*	*0.47*
Vinyl Chloride	*mg/kg*	ND	ND	ND	ND	ND	ND	ND	ND	ND	*0.02*	*0.21*	*0.9*	*13*	*27*	*0.02*

Samples collected June 23 and 24, 2014

*[1] = NYSDEC Regulation 6 NYCRR Subpart 375

Highlighted Values Concentration Exceeds Corresponding Soil Cleanup Objective

ND = Not detected below the laboratories method detection limit

N/A = Not Applicable/Not Available

J = Laboratory qualifier - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

KEM Cleaners
1911 Curry Rd., Rotterdam, NY

TABLE 4

Groundwater Sampling Analytical Summary												
Analyte	**Unit**	**Sample Identification**										**NYS Groundwater Standard *[1]**
		MW-6	**MW-1403**	**MW-1402**	**MW-1401**	**MW-1404**	**MW-1405**	**MW-1406**	**MW-1407**	**DUP (MW-1407)**	**MW-1408**	
Volatile Organic Compounds - EPA 8260												
Acetone	ug/L	ND	ND	ND	ND	ND	**3.2 J**	ND	**4 J**	ND	ND	**5**
cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	**0.92 J**	ND	ND	ND	ND	ND	**5**
Tetrachlorethene	ug/L	**91**	**44**	**18**	ND	ND	ND	**4.1**	**37**	**40**	ND	**5**
Trichloroethene	ug/L	**0.5 J**	**1.5**	**0.57 J**	ND	ND	ND	ND	**0.53 J**	**0.78 J**	ND	**5**
Trichlorofluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5**
Vinyl chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2**

Samples collected on July 2, 2014
*[1] = NYSDEC NYCRR Subpart 703, Surface Water and Groundwater Quality Standards
Highlighted Value Exceeds Corresponding Groundwater Standard
ND = Not detected above the laboratories method detection limit
N/A = Not Applicable/Not Available
J = Laboratory qualifier - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

KEM Cleaners
1911 Curry Rd., Rotterdam, NY

TABLE 4a

Groundwater Sampling Analytical Summary												
Analyte	**Unit**	**Sample Identification**										**NYS Groundwater Standard *[1]**
		MW-6	**DUP (MW-6)**	**MW-1403**	**MW-1402**	**MW-1401**	**MW-1404**	**MW-1405**	**MW-1406**	**MW-1407**	**MW-1408**	
Volatile Organic Compounds - EPA 8260												
Acetone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5**
cis-1,2-Dichloroethene	ug/L	ND	ND	ND	**1.5**	ND	**1.10**	ND	ND	ND	ND	**5**
Tetrachlorethene	ug/L	**63**	**66**	**87**	**0.99 J**	ND	ND	ND	**2.7**	**48**	ND	**5**
Trichloroethene	ug/L	**0.78 J**	**0.85 J**	**4.0**	ND	ND	ND	ND	ND	**0.89 J**	ND	**5**
Trichlorofluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5**
Vinyl chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2**

Samples collected on October 29, 2014

*[1] = NYSDEC NYCRR Subpart 703, Surface Water and Groundwater Quality Standards

Highlighted Value Exceeds Corresponding Groundwater Standard

ND = Not detected above the laboratories method detection limit

N/A = Not Applicable/Not Available

J = Laboratory qualifier - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ATTACHMENT C

Drilling Logs

PRECISION
ENVIRONMENTAL SERVICES, INC.

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **SB-1/MW-1401**

Project: Former KEM Cleaners Client: NYSDEC Region 4

Spill No: Location: 1911 Curry Road, Rotterdam, NY

Driller: Mike Dudley Logged by: S. Phelps

Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push

Date Drilled: 6/23/14 Date Developed: -

TOC Elevation: Total Depth of Hole:

Boring Diameter: 2.25" Screen Diameter: Length:

Slot Size: Riser Diameter: Length: -

Type: Sand Pack: Bentonite Seal:

Protective Casing: N/A

Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		Hand Clear	0-6'	ND	Brown f & m SAND with f Gravel & Cobbles & Asphalt debris
4		<5	6-8'	ND	
8		75	8-12'	ND	Brown & Olgn SILTY CLAY, wet to saturated
12					Boring terminated at 12' Sample collected for laboratory analysis at 8-10' depth
16					
20					
24					
28					

PRECISION
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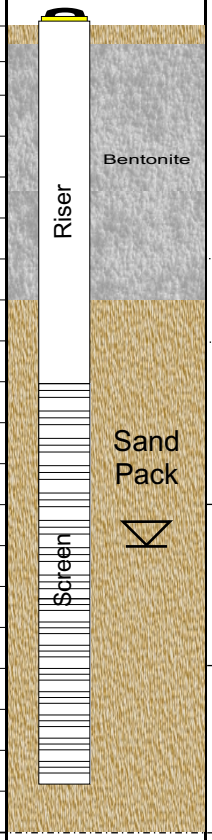
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **SB-2/MW-1402**

Project: Former KEM Cleaners Client: NYSDEC Region 4
Spill No: _____ Location: 1911 Curry Road, Rotterdam, NY
Driller: Mike Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/23/14 Date Developed: -
TOC Elevation: _____ Total Depth of Hole: _____
Boring Diameter: 2.25" Screen Diameter: _____ Length: _____
Slot Size: _____ Riser Diameter: _____ Length: -
Type: _____ Sand Pack: _____ Bentonite Seal: _____
Protective Casing: N/A

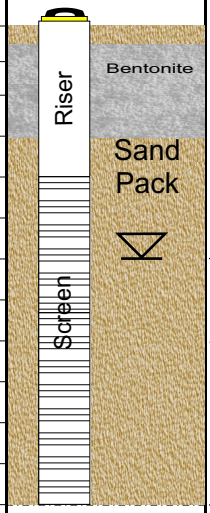
Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		Hand Clear	0-6'	ND	Brown f & m SAND with f Gravel & Cobbles & Asphalt debris
4		100	6-8'	8	Brown f & m SAND, little f Gravel, mild sweet odor at 6-10'
8		50	8-12'	0.7	
12				0.4	Brown f & m SAND, wet to saturated, no odor
		50	12-16'	0.4	
16		50	16-20'	0.1	
20					Peat lense encountered at 19.5'
					Boring terminated at 20'
					Sample collected for laboratory analysis at 6-8' and 12-16' depth
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **SB-3/MW-1403**

Project: Former KEM Cleaners Client: NYSDEC Region 4
Spill No: Location: 1911 Curry Road, Rotterdam, NY
Driller: Mike Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/23/14 Date Developed: -
TOC Elevation: Total Depth of Hole:
Boring Diameter: 2.25" Screen Diameter: Length:
Slot Size: Riser Diameter: Length: -
Type: Sand Pack: Bentonite Seal:
Protective Casing: N/A

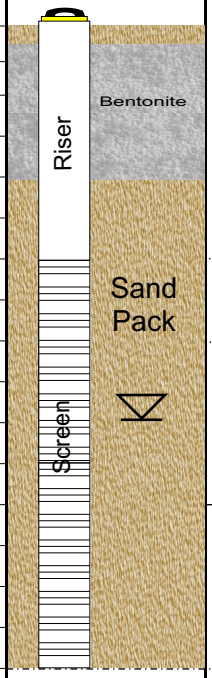
Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		Hand Clear	0-6'	ND	Brown f & m SAND with f Gravel & Cobbles & Asphalt debris
4		100	6-8'	ND	Brown f & m SAND with f Gravel, saturated at 6'
8		100	8-12'	0.8 0.3	
12					Boring terminated at 12' Sample collected for laboratory analysis at 3-6' depth
16					
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **SB-4/MW-1404**

Project: Former KEM Cleaners Client: NYSDEC Region 4
Spill No: Location: 1911 Curry Road, Rotterdam, NY
Driller: Mike Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/23/14 Date Developed: -
TOC Elevation: Total Depth of Hole:
Boring Diameter: 2.25" Screen Diameter: Length:
Slot Size: Riser Diameter: Length: -
Type: Sand Pack: Bentonite Seal:
Protective Casing: N/A

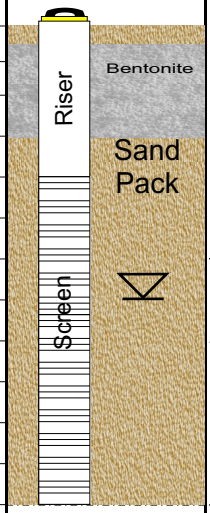
Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		Hand Clear	0-6'	ND	Brown f & m SAND with f Gravel & Cobbles & Asphalt debris
4		100	6-8'	ND	Brown to black f & m SAND with f Gravel
8		75	8-12'	ND	Black f & m SAND, little Peat, saturated at 10'
12		100	12-16'	0.2 0.1	Peat lense encountered at 15' Gray f & m SAND
16					Boring terminated at 16' Sample collected for laboratory analysis at 4-10' depth
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **SB-5/MW-1405**

Project: Former KEM Cleaners Client: NYSDEC Region 4
Spill No: _____ Location: 1911 Curry Road, Rotterdam, NY
Driller: Mike Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/24/14 Date Developed: -
TOC Elevation: _____ Total Depth of Hole: _____
Boring Diameter: 2.25" Screen Diameter: _____ Length: _____
Slot Size: _____ Riser Diameter: _____ Length: -
Type: _____ Sand Pack: _____ Bentonite Seal: _____
Protective Casing: N/A

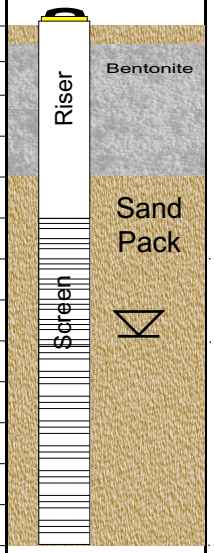
Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		Hand Clear	0-6'	ND	Brown f & m SAND with f Gravel & Cobbles & Asphalt debris
4					Brown f & m SAND, little Silt
		100	6-8'	ND	Saturated at 7'
8					
		50	8-12'	ND	
12					Boring terminated at 12' Sample collected for laboratory analysis at 5-7' depth
16					
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **SB-6/MW-1406**

Project: Former KEM Cleaners Client: NYSDEC Region 4
Spill No: _____ Location: 1911 Curry Road, Rotterdam, NY
Driller: Mike Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/24/14 Date Developed: -
TOC Elevation: _____ Total Depth of Hole: _____
Boring Diameter: 2.25" Screen Diameter: _____ Length: _____
Slot Size: _____ Riser Diameter: _____ Length: -
Type: _____ Sand Pack: _____ Bentonite Seal: _____
Protective Casing: N/A

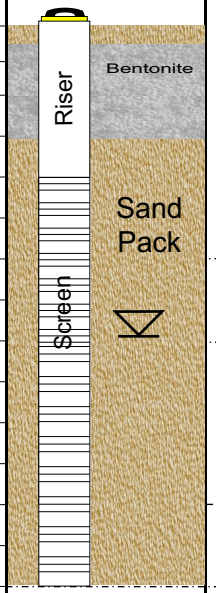
Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		Hand Clear	0-6'	ND	Brown f & m SAND with f Gravel, Asphalt debris & Urban Fill
4					Brown f & m SAND
8		100	6-8'	ND	Saturated at 8'
12		100	8-13'	ND	Boring terminated at 13' Sample collected for laboratory analysis at 8' depth
16					
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **SB-7/MW-1407**

Project: Former KEM Cleaners Client: NYSDEC Region 4
Spill No: Location: 1911 Curry Road, Rotterdam, NY
Driller: Mike Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/24/14 Date Developed: -
TOC Elevation: Total Depth of Hole:
Boring Diameter: 2.25" Screen Diameter: Length:
Slot Size: Riser Diameter: Length: -
Type: Sand Pack: Bentonite Seal:
Protective Casing: N/A

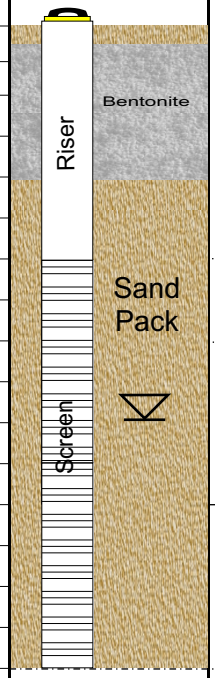
Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		Hand Clear	0-6'	ND	Brown f & m SAND with f Gravel, Asphalt debris & Urban Fill
4					Brown f & m SAND
8		100	6-8'	ND	Saturated at 8'
		100	8-12'	ND	
12		100	12-14'	ND	
16					Boring terminated at 14' Sample collected for laboratory analysis at 8' depth
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **SB-8/MW-1408**

Project: Former KEM Cleaners Client: NYSDEC Region 4
Spill No: Location: 1911 Curry Road, Rotterdam, NY
Driller: Mike Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/23/14 Date Developed: -
TOC Elevation: Total Depth of Hole:
Boring Diameter: 2.25" Screen Diameter: Length:
Slot Size: Riser Diameter: Length: -
Type: Sand Pack: Bentonite Seal:
Protective Casing: N/A



Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		Hand Clear	0-6'	ND	Brown f & m SAND with f Gravel, Asphalt debris & Urban Fill
4					Brown f & m SAND
8		100	6-8'	ND	
12		75	8-12'	ND	Saturated at 10'
16		100	12-16'	ND	Gray SILT with little Clay encountered at 16'
20					Boring terminated at 16'
24					Sample collected for laboratory analysis at 10' depth
28					

ATTACHMENT D

Laboratory Analytical Reports

PRECISION
ENVIRONMENTAL SERVICES, INC.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

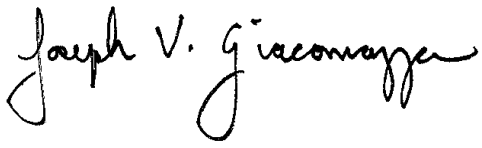
ANALYTICAL REPORT

Job Number: 480-62518-1

Job Description: KEM Cleaners #447031

For:
New York State D.E.C.
1150 North Westcott Road
Schenectady, NY 12306

Attention: Christopher O'Neill



Approved for release.
Joe V Giacomazza
Project Management Assistant II
7/23/2014 11:23 AM

Designee for
Judy L Stone, Senior Project Manager
10 Hazelwood Drive, Amherst, NY, 14228-2298
(484)685-0868
judy.stone@testamericainc.com
07/23/2014

cc: Stephen Phelps

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

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Comments
No additional comments.

Receipt
The samples were received on 6/24/2014 1:00 AM, 6/25/2014 2:00 AM, 7/2/2014 1:00 AM and 7/4/2014 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 3.0º C, 3.4º C, 3.7º C and 3.7º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 190420 recovered above the upper control limit for Bromomethane, Chloromethane, Idomethane, and/or Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-190420/3).

Method(s) 8260C: The method blank for batch 190420 contained Methylene chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260C: Due to the coelution of 2-Butanone, 3-Chloro-1-propene, Methacrylonitrile, and/or Vinyl acetate with other compounds in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) associated with batch 190420.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 191487 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-191487/3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 191393 recovered outside acceptance criteria, low biased, for several analytes. A reporting limit (RL) standard was analyzed, and these target analytes were detected. Since the associated samples were non-detect for thess analytes, the data have been reported.

Method(s) 8260C: The following sample(s) was diluted due to the nature of the TCLP sample matrix: (LB 480-190958/1-A), Drums (480-63021-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 192459 recovered above the upper control limit for Bromomethane and Chloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-192459/2).

Method(s) 8260C: The following sample(s) were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: MW-1402 (480-63231-3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 192725 recovered outside acceptance criteria, low biased, for Carbon tetrachloride, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Dichlorodifluoromethane, Ethylene dibromide, and 1,2-dibromo-3-chloropropane. A reporting limit (RL) standard was analyzed, and these target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

SAMPLE SUMMARY

Client: New York State D.E.C. Job Number: 480-62518-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-62518-1	SB-1 8-10'	Solid	06/23/2014 1020	06/24/2014 0100
480-62518-2	SB-2 12-16'	Solid	06/23/2014 1200	06/24/2014 0100
480-62518-3	SB-2 8-10'	Solid	06/23/2014 1210	06/24/2014 0100
480-62518-4	SB-3 6'	Solid	06/23/2014 1314	06/24/2014 0100
480-62518-5	SB-4 4-10'	Solid	06/23/2014 1510	06/24/2014 0100
480-62605-1	SB-5 7'	Solid	06/24/2014 0820	06/25/2014 0200
480-62605-2	SB-6 8'	Solid	06/24/2014 0915	06/25/2014 0200
480-62605-3	SB-7 8'	Solid	06/24/2014 1010	06/25/2014 0200
480-62605-3MS	SB-7 8'	Solid	06/24/2014 1010	06/25/2014 0200
480-62605-3MSD	SB-7 8'	Solid	06/24/2014 1010	06/25/2014 0200
480-62605-4	SB-8 10'	Solid	06/24/2014 1130	06/25/2014 0200
480-63021-1	Drums	Solid	06/24/2014 1530	07/02/2014 0100
480-63231-1	MW-6	Water	07/02/2014 0950	07/04/2014 0200
480-63231-2	MW-1403	Water	07/02/2014 1050	07/04/2014 0200
480-63231-3	MW-1402	Water	07/02/2014 1104	07/04/2014 0200
480-63231-4	MW-1401	Water	07/02/2014 1220	07/04/2014 0200
480-63231-5	MW-1404	Water	07/03/2014 0920	07/04/2014 0200
480-63231-6	MW-1405	Water	07/03/2014 1030	07/04/2014 0200
480-63231-7	MW-1406	Water	07/03/2014 1105	07/04/2014 0200
480-63231-8	MW-1407	Water	07/03/2014 1230	07/04/2014 0200
480-63231-8MS	MW-1407	Water	07/03/2014 1230	07/04/2014 0200
480-63231-8MSD	MW-1407	Water	07/03/2014 1230	07/04/2014 0200
480-63231-9	MW-1408	Water	07/03/2014 1320	07/04/2014 0200
480-63231-10	DUP	Water	07/03/2014 1230	07/04/2014 0200

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 480-62518-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-62518-1	**SB-1 8-10'**					
Acetone		27		25	ug/Kg	8260C
Percent Moisture		20		0.10	%	Moisture
Percent Solids		80		0.10	%	Moisture
480-62518-2	**SB-2 12-16'**					
Tetrachloroethene		42		4.6	ug/Kg	8260C
Percent Moisture		15		0.10	%	Moisture
Percent Solids		85		0.10	%	Moisture
480-62518-3	**SB-2 8-10'**					
Tetrachloroethene		120		5.1	ug/Kg	8260C
Percent Moisture		7.0		0.10	%	Moisture
Percent Solids		93		0.10	%	Moisture
480-62518-4	**SB-3 6'**					
Tetrachloroethene		13		5.6	ug/Kg	8260C
Percent Moisture		21		0.10	%	Moisture
Percent Solids		79		0.10	%	Moisture
480-62518-5	**SB-4 4-10'**					
Acetone		24	*	23	ug/Kg	8260C
Percent Moisture		14		0.10	%	Moisture
Percent Solids		86		0.10	%	Moisture
480-62605-1	**SB-5 7'**					
Percent Moisture		16		0.10	%	Moisture
Percent Solids		84		0.10	%	Moisture
480-62605-2	**SB-6 8'**					
Tetrachloroethene		1.9	J	5.1	ug/Kg	8260C
Percent Moisture		8.6		0.10	%	Moisture
Percent Solids		91		0.10	%	Moisture
480-62605-3	**SB-7 8'**					
Tetrachloroethene		8.3		5.3	ug/Kg	8260C
Percent Moisture		16		0.10	%	Moisture
Percent Solids		84		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 480-62518-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-62605-4	**SB-8 10'**					
Percent Moisture		14		0.10	%	Moisture
Percent Solids		86		0.10	%	Moisture
480-63231-1	**MW-6**					
Tetrachloroethene		91		1.0	ug/L	8260C
Trichloroethene		0.50	J	1.0	ug/L	8260C
480-63231-2	**MW-1403**					
Tetrachloroethene		44		1.0	ug/L	8260C
Trichloroethene		1.5		1.0	ug/L	8260C
480-63231-3	**MW-1402**					
Tetrachloroethene		18		1.0	ug/L	8260C
Trichloroethene		0.57	J	1.0	ug/L	8260C
480-63231-5	**MW-1404**					
cis-1,2-Dichloroethene		0.92	J	1.0	ug/L	8260C
480-63231-6	**MW-1405**					
Acetone		3.2	J	10	ug/L	8260C
480-63231-7	**MW-1406**					
Tetrachloroethene		4.1		1.0	ug/L	8260C
480-63231-8	**MW-1407**					
Acetone		4.0	J	10	ug/L	8260C
Tetrachloroethene		37		1.0	ug/L	8260C
Trichloroethene		0.53	J	1.0	ug/L	8260C
480-63231-10	**DUP**					
Tetrachloroethene		40		1.0	ug/L	8260C
Trichloroethene		0.78	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: New York State D.E.C. Job Number: 480-62518-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
TCLP Volatiles	TAL BUF	SW846 8260C	
TCLP Extraction	TAL BUF		SW846 1311
Purge and Trap	TAL BUF		SW846 5030C
Volatile Organic Compounds by GC/MS	TAL BUF	SW846 8260C	
Closed System Purge and Trap	TAL BUF		SW846 5035A
Percent Moisture	TAL BUF	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL BUF	SW846 8260C	
Purge and Trap	TAL BUF		SW846 5030C

Lab References:

TAL BUF = TestAmerica Buffalo

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: New York State D.E.C. Job Number: 480-62518-1

Method	Analyst	Analyst ID
SW846 8260C	Goliszek, Gregory T	GTG
SW846 8260C	Man, Chi x	CxM
SW846 8260C	Nguyen-Dudziak, Nhu Quynh	NQN
SW846 8260C	Sobol, Renee A	RAS
EPA Moisture	Goliszek, Gregory T	GTG

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-1 8-10'**

Lab Sample ID: 480-62518-1 Date Sampled: 06/23/2014 1020
Client Matrix: Solid % Moisture: 19.6 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9568.D
Dilution:	1.0			Initial Weight/Volume:	6.212 g
Analysis Date:	06/28/2014 1450			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.36	5.0
1,1,2,2-Tetrachloroethane		ND		0.81	5.0
1,1,2-Trichloroethane		ND		0.65	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	5.0
1,1-Dichloroethane		ND		0.61	5.0
1,1-Dichloroethene		ND		0.61	5.0
1,2,4-Trichlorobenzene		ND		0.30	5.0
1,2-Dibromo-3-Chloropropane		ND		2.5	5.0
1,2-Dichlorobenzene		ND		0.39	5.0
1,2-Dichloroethane		ND		0.25	5.0
1,2-Dichloropropane		ND		2.5	5.0
1,3-Dichlorobenzene		ND		0.26	5.0
1,4-Dichlorobenzene		ND		0.70	5.0
2-Butanone (MEK)		ND	*	1.8	25
2-Hexanone		ND		2.5	25
4-Methyl-2-pentanone (MIBK)		ND		1.6	25
Acetone		27		4.2	25
Benzene		ND		0.25	5.0
Bromodichloromethane		ND		0.67	5.0
Bromoform		ND		2.5	5.0
Bromomethane		ND		0.45	5.0
Carbon disulfide		ND		2.5	5.0
Carbon tetrachloride		ND		0.48	5.0
Chlorobenzene		ND		0.66	5.0
Dibromochloromethane		ND		0.64	5.0
Chloroethane		ND		1.1	5.0
Chloroform		ND		0.31	5.0
Chloromethane		ND		0.30	5.0
cis-1,2-Dichloroethene		ND		0.64	5.0
cis-1,3-Dichloropropene		ND		0.72	5.0
Cyclohexane		ND		0.70	5.0
Dichlorodifluoromethane		ND		0.41	5.0
Ethylbenzene		ND		0.35	5.0
1,2-Dibromoethane		ND		0.64	5.0
Isopropylbenzene		ND		0.75	5.0
Methyl acetate		ND		3.0	5.0
Methyl tert-butyl ether		ND		0.49	5.0
Methylcyclohexane		ND		0.76	5.0
Methylene Chloride		ND		2.3	5.0
Styrene		ND		0.25	5.0
Tetrachloroethene		ND		0.67	5.0
Toluene		ND		0.38	5.0
trans-1,2-Dichloroethene		ND		0.52	5.0
trans-1,3-Dichloropropene		ND		2.2	5.0
Trichloroethene		ND		1.1	5.0
Trichlorofluoromethane		ND		0.47	5.0

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-1 8-10'**

Lab Sample ID: 480-62518-1 Date Sampled: 06/23/2014 1020
Client Matrix: Solid % Moisture: 19.6 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9568.D
Dilution:	1.0			Initial Weight/Volume:	6.212 g
Analysis Date:	06/28/2014 1450			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.61	5.0
Xylenes, Total		ND		0.84	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	98		71 - 125
1,2-Dichloroethane-d4 (Surr)	103		64 - 126
4-Bromofluorobenzene (Surr)	102		72 - 126
Dibromofluoromethane (Surr)	103		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-2 12-16'**

Lab Sample ID: 480-62518-2 Date Sampled: 06/23/2014 1200
Client Matrix: Solid % Moisture: 15.5 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9569.D
Dilution:	1.0			Initial Weight/Volume:	6.435 g
Analysis Date:	06/28/2014 1516			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.33	4.6
1,1,2,2-Tetrachloroethane		ND		0.75	4.6
1,1,2-Trichloroethane		ND		0.60	4.6
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	4.6
1,1-Dichloroethane		ND		0.56	4.6
1,1-Dichloroethene		ND		0.56	4.6
1,2,4-Trichlorobenzene		ND		0.28	4.6
1,2-Dibromo-3-Chloropropane		ND		2.3	4.6
1,2-Dichlorobenzene		ND		0.36	4.6
1,2-Dichloroethane		ND		0.23	4.6
1,2-Dichloropropane		ND		2.3	4.6
1,3-Dichlorobenzene		ND		0.24	4.6
1,4-Dichlorobenzene		ND		0.64	4.6
2-Butanone (MEK)		ND	*	1.7	23
2-Hexanone		ND		2.3	23
4-Methyl-2-pentanone (MIBK)		ND		1.5	23
Acetone		ND		3.9	23
Benzene		ND		0.23	4.6
Bromodichloromethane		ND		0.62	4.6
Bromoform		ND		2.3	4.6
Bromomethane		ND		0.41	4.6
Carbon disulfide		ND		2.3	4.6
Carbon tetrachloride		ND		0.44	4.6
Chlorobenzene		ND		0.61	4.6
Dibromochloromethane		ND		0.59	4.6
Chloroethane		ND		1.0	4.6
Chloroform		ND		0.28	4.6
Chloromethane		ND		0.28	4.6
cis-1,2-Dichloroethene		ND		0.59	4.6
cis-1,3-Dichloropropene		ND		0.66	4.6
Cyclohexane		ND		0.64	4.6
Dichlorodifluoromethane		ND		0.38	4.6
Ethylbenzene		ND		0.32	4.6
1,2-Dibromoethane		ND		0.59	4.6
Isopropylbenzene		ND		0.69	4.6
Methyl acetate		ND		2.8	4.6
Methyl tert-butyl ether		ND		0.45	4.6
Methylcyclohexane		ND		0.70	4.6
Methylene Chloride		ND		2.1	4.6
Styrene		ND		0.23	4.6
Tetrachloroethene		42		0.62	4.6
Toluene		ND		0.35	4.6
trans-1,2-Dichloroethene		ND		0.47	4.6
trans-1,3-Dichloropropene		ND		2.0	4.6
Trichloroethene		ND		1.0	4.6
Trichlorofluoromethane		ND		0.43	4.6

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-2 12-16'**

Lab Sample ID: 480-62518-2 Date Sampled: 06/23/2014 1200
Client Matrix: Solid % Moisture: 15.5 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9569.D
Dilution:	1.0			Initial Weight/Volume:	6.435 g
Analysis Date:	06/28/2014 1516			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.56	4.6
Xylenes, Total		ND		0.77	9.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	99		71 - 125
1,2-Dichloroethane-d4 (Surr)	104		64 - 126
4-Bromofluorobenzene (Surr)	105		72 - 126
Dibromofluoromethane (Surr)	107		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-2 8-10'**

Lab Sample ID: 480-62518-3 Date Sampled: 06/23/2014 1210
Client Matrix: Solid % Moisture: 7.0 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9570.D
Dilution:	1.0			Initial Weight/Volume:	5.289 g
Analysis Date:	06/28/2014 1542			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.37	5.1
1,1,2,2-Tetrachloroethane		ND		0.82	5.1
1,1,2-Trichloroethane		ND		0.66	5.1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.2	5.1
1,1-Dichloroethane		ND		0.62	5.1
1,1-Dichloroethene		ND		0.62	5.1
1,2,4-Trichlorobenzene		ND		0.31	5.1
1,2-Dibromo-3-Chloropropane		ND		2.5	5.1
1,2-Dichlorobenzene		ND		0.40	5.1
1,2-Dichloroethane		ND		0.26	5.1
1,2-Dichloropropane		ND		2.5	5.1
1,3-Dichlorobenzene		ND		0.26	5.1
1,4-Dichlorobenzene		ND		0.71	5.1
2-Butanone (MEK)		ND	*	1.9	25
2-Hexanone		ND		2.5	25
4-Methyl-2-pentanone (MIBK)		ND		1.7	25
Acetone		ND		4.3	25
Benzene		ND		0.25	5.1
Bromodichloromethane		ND		0.68	5.1
Bromoform		ND		2.5	5.1
Bromomethane		ND		0.46	5.1
Carbon disulfide		ND		2.5	5.1
Carbon tetrachloride		ND		0.49	5.1
Chlorobenzene		ND		0.67	5.1
Dibromochloromethane		ND		0.65	5.1
Chloroethane		ND		1.1	5.1
Chloroform		ND		0.31	5.1
Chloromethane		ND		0.31	5.1
cis-1,2-Dichloroethene		ND		0.65	5.1
cis-1,3-Dichloropropene		ND		0.73	5.1
Cyclohexane		ND		0.71	5.1
Dichlorodifluoromethane		ND		0.42	5.1
Ethylbenzene		ND		0.35	5.1
1,2-Dibromoethane		ND		0.65	5.1
Isopropylbenzene		ND		0.77	5.1
Methyl acetate		ND		3.1	5.1
Methyl tert-butyl ether		ND		0.50	5.1
Methylcyclohexane		ND		0.77	5.1
Methylene Chloride		ND		2.3	5.1
Styrene		ND		0.25	5.1
Tetrachloroethene		120		0.68	5.1
Toluene		ND		0.38	5.1
trans-1,2-Dichloroethene		ND		0.52	5.1
trans-1,3-Dichloropropene		ND		2.2	5.1
Trichloroethene		ND		1.1	5.1
Trichlorofluoromethane		ND		0.48	5.1

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-2 8-10'**

Lab Sample ID: 480-62518-3 Date Sampled: 06/23/2014 1210
Client Matrix: Solid % Moisture: 7.0 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9570.D
Dilution:	1.0			Initial Weight/Volume:	5.289 g
Analysis Date:	06/28/2014 1542			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.62	5.1
Xylenes, Total		ND		0.85	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	99		71 - 125
1,2-Dichloroethane-d4 (Surr)	104		64 - 126
4-Bromofluorobenzene (Surr)	104		72 - 126
Dibromofluoromethane (Surr)	105		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-3 6'**

Lab Sample ID: 480-62518-4 Date Sampled: 06/23/2014 1314
Client Matrix: Solid % Moisture: 21.1 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9571.D
Dilution:	1.0			Initial Weight/Volume:	5.622 g
Analysis Date:	06/28/2014 1608			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.41	5.6
1,1,2,2-Tetrachloroethane		ND		0.91	5.6
1,1,2-Trichloroethane		ND		0.73	5.6
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.3	5.6
1,1-Dichloroethane		ND		0.69	5.6
1,1-Dichloroethene		ND		0.69	5.6
1,2,4-Trichlorobenzene		ND		0.34	5.6
1,2-Dibromo-3-Chloropropane		ND		2.8	5.6
1,2-Dichlorobenzene		ND		0.44	5.6
1,2-Dichloroethane		ND		0.28	5.6
1,2-Dichloropropane		ND		2.8	5.6
1,3-Dichlorobenzene		ND		0.29	5.6
1,4-Dichlorobenzene		ND		0.79	5.6
2-Butanone (MEK)		ND	*	2.1	28
2-Hexanone		ND		2.8	28
4-Methyl-2-pentanone (MIBK)		ND		1.8	28
Acetone		ND		4.7	28
Benzene		ND		0.28	5.6
Bromodichloromethane		ND		0.75	5.6
Bromoform		ND		2.8	5.6
Bromomethane		ND		0.51	5.6
Carbon disulfide		ND		2.8	5.6
Carbon tetrachloride		ND		0.55	5.6
Chlorobenzene		ND		0.74	5.6
Dibromochloromethane		ND		0.72	5.6
Chloroethane		ND		1.3	5.6
Chloroform		ND		0.35	5.6
Chloromethane		ND		0.34	5.6
cis-1,2-Dichloroethene		ND		0.72	5.6
cis-1,3-Dichloropropene		ND		0.81	5.6
Cyclohexane		ND		0.79	5.6
Dichlorodifluoromethane		ND		0.47	5.6
Ethylbenzene		ND		0.39	5.6
1,2-Dibromoethane		ND		0.72	5.6
Isopropylbenzene		ND		0.85	5.6
Methyl acetate		ND		3.4	5.6
Methyl tert-butyl ether		ND		0.55	5.6
Methylcyclohexane		ND		0.86	5.6
Methylene Chloride		ND		2.6	5.6
Styrene		ND		0.28	5.6
Tetrachloroethene		13		0.76	5.6
Toluene		ND		0.43	5.6
trans-1,2-Dichloroethene		ND		0.58	5.6
trans-1,3-Dichloropropene		ND		2.5	5.6
Trichloroethene		ND		1.2	5.6
Trichlorofluoromethane		ND		0.53	5.6

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-3 6'**

Lab Sample ID: 480-62518-4 Date Sampled: 06/23/2014 1314
Client Matrix: Solid % Moisture: 21.1 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9571.D
Dilution:	1.0			Initial Weight/Volume:	5.622 g
Analysis Date:	06/28/2014 1608			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.69	5.6
Xylenes, Total		ND		0.95	11

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		71 - 125
1,2-Dichloroethane-d4 (Surr)	100		64 - 126
4-Bromofluorobenzene (Surr)	104		72 - 126
Dibromofluoromethane (Surr)	102		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-4 4-10'**

Lab Sample ID: 480-62518-5 Date Sampled: 06/23/2014 1510
Client Matrix: Solid % Moisture: 13.9 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9572.D
Dilution:	1.0			Initial Weight/Volume:	6.394 g
Analysis Date:	06/28/2014 1634			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND	*	0.33	4.5
1,1,2,2-Tetrachloroethane		ND	*	0.74	4.5
1,1,2-Trichloroethane		ND	*	0.59	4.5
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	*	1.0	4.5
1,1-Dichloroethane		ND	*	0.55	4.5
1,1-Dichloroethene		ND	*	0.56	4.5
1,2,4-Trichlorobenzene		ND	*	0.28	4.5
1,2-Dibromo-3-Chloropropane		ND	*	2.3	4.5
1,2-Dichlorobenzene		ND	*	0.35	4.5
1,2-Dichloroethane		ND	*	0.23	4.5
1,2-Dichloropropane		ND	*	2.3	4.5
1,3-Dichlorobenzene		ND	*	0.23	4.5
1,4-Dichlorobenzene		ND	*	0.64	4.5
2-Butanone (MEK)		ND	*	1.7	23
2-Hexanone		ND	*	2.3	23
4-Methyl-2-pentanone (MIBK)		ND	*	1.5	23
Acetone		24	*	3.8	23
Benzene		ND	*	0.22	4.5
Bromodichloromethane		ND	*	0.61	4.5
Bromoform		ND	*	2.3	4.5
Bromomethane		ND	*	0.41	4.5
Carbon disulfide		ND	*	2.3	4.5
Carbon tetrachloride		ND	*	0.44	4.5
Chlorobenzene		ND	*	0.60	4.5
Dibromochloromethane		ND	*	0.58	4.5
Chloroethane		ND	*	1.0	4.5
Chloroform		ND	*	0.28	4.5
Chloromethane		ND	*	0.27	4.5
cis-1,2-Dichloroethene		ND	*	0.58	4.5
cis-1,3-Dichloropropene		ND	*	0.65	4.5
Cyclohexane		ND	*	0.64	4.5
Dichlorodifluoromethane		ND	*	0.37	4.5
Ethylbenzene		ND	*	0.31	4.5
1,2-Dibromoethane		ND	*	0.58	4.5
Isopropylbenzene		ND	*	0.68	4.5
Methyl acetate		ND	*	2.7	4.5
Methyl tert-butyl ether		ND	*	0.45	4.5
Methylcyclohexane		ND	*	0.69	4.5
Methylene Chloride		ND	*	2.1	4.5
Styrene		ND	*	0.23	4.5
Tetrachloroethene		ND	*	0.61	4.5
Toluene		ND	*	0.34	4.5
trans-1,2-Dichloroethene		ND	*	0.47	4.5
trans-1,3-Dichloropropene		ND	*	2.0	4.5
Trichloroethene		ND	*	1.0	4.5
Trichlorofluoromethane		ND	*	0.43	4.5

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-4 4-10'**

Lab Sample ID: 480-62518-5 Date Sampled: 06/23/2014 1510
Client Matrix: Solid % Moisture: 13.9 Date Received: 06/24/2014 0100

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-190443	Lab File ID:	F9572.D
Dilution:	1.0			Initial Weight/Volume:	6.394 g
Analysis Date:	06/28/2014 1634			Final Weight/Volume:	5 mL
Prep Date:	06/28/2014 1116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND	*	0.55	4.5
Xylenes, Total		ND	*	0.76	9.1

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	103		71 - 125
1,2-Dichloroethane-d4 (Surr)	100		64 - 126
4-Bromofluorobenzene (Surr)	105		72 - 126
Dibromofluoromethane (Surr)	101		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-5 7'**

Lab Sample ID: 480-62605-1 Date Sampled: 06/24/2014 0820
Client Matrix: Solid % Moisture: 16.0 Date Received: 06/25/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-191514	Lab File ID:	F9738.D
Dilution:	1.0			Initial Weight/Volume:	6.13 g
Analysis Date:	07/08/2014 0400			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.35	4.9
1,1,2,2-Tetrachloroethane		ND		0.79	4.9
1,1,2-Trichloroethane		ND		0.63	4.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	4.9
1,1-Dichloroethane		ND		0.59	4.9
1,1-Dichloroethene		ND		0.59	4.9
1,2,4-Trichlorobenzene		ND		0.30	4.9
1,2-Dibromo-3-Chloropropane		ND		2.4	4.9
1,2-Dichlorobenzene		ND		0.38	4.9
1,2-Dichloroethane		ND		0.24	4.9
1,2-Dichloropropane		ND		2.4	4.9
1,3-Dichlorobenzene		ND		0.25	4.9
1,4-Dichlorobenzene		ND		0.68	4.9
2-Butanone (MEK)		ND		1.8	24
2-Hexanone		ND		2.4	24
4-Methyl-2-pentanone (MIBK)		ND		1.6	24
Acetone		ND		4.1	24
Benzene		ND		0.24	4.9
Bromodichloromethane		ND		0.65	4.9
Bromoform		ND		2.4	4.9
Bromomethane		ND		0.44	4.9
Carbon disulfide		ND		2.4	4.9
Carbon tetrachloride		ND		0.47	4.9
Chlorobenzene		ND		0.64	4.9
Dibromochloromethane		ND		0.62	4.9
Chloroethane		ND		1.1	4.9
Chloroform		ND		0.30	4.9
Chloromethane		ND		0.29	4.9
cis-1,2-Dichloroethene		ND		0.62	4.9
cis-1,3-Dichloropropene		ND		0.70	4.9
Cyclohexane		ND		0.68	4.9
Dichlorodifluoromethane		ND		0.40	4.9
Ethylbenzene		ND		0.34	4.9
1,2-Dibromoethane		ND		0.62	4.9
Isopropylbenzene		ND		0.73	4.9
Methyl acetate		ND		2.9	4.9
Methyl tert-butyl ether		ND		0.48	4.9
Methylcyclohexane		ND		0.74	4.9
Methylene Chloride		ND		2.2	4.9
Styrene		ND		0.24	4.9
Tetrachloroethene		ND		0.65	4.9
Toluene		ND		0.37	4.9
trans-1,2-Dichloroethene		ND		0.50	4.9
trans-1,3-Dichloropropene		ND		2.1	4.9
Trichloroethene		ND		1.1	4.9
Trichlorofluoromethane		ND		0.46	4.9

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-5 7'**

Lab Sample ID: 480-62605-1 Date Sampled: 06/24/2014 0820
Client Matrix: Solid % Moisture: 16.0 Date Received: 06/25/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-191514	Lab File ID:	F9738.D
Dilution:	1.0			Initial Weight/Volume:	6.13 g
Analysis Date:	07/08/2014 0400			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.59	4.9
Xylenes, Total		ND		0.82	9.7

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		71 - 125
1,2-Dichloroethane-d4 (Surr)	102		64 - 126
4-Bromofluorobenzene (Surr)	100		72 - 126
Dibromofluoromethane (Surr)	107		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-6 8'**

Lab Sample ID: 480-62605-2 Date Sampled: 06/24/2014 0915
Client Matrix: Solid % Moisture: 8.6 Date Received: 06/25/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-191514	Lab File ID:	F9739.D
Dilution:	1.0			Initial Weight/Volume:	5.33 g
Analysis Date:	07/08/2014 0426			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.37	5.1
1,1,2,2-Tetrachloroethane		ND		0.83	5.1
1,1,2-Trichloroethane		ND		0.67	5.1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.2	5.1
1,1-Dichloroethane		ND		0.63	5.1
1,1-Dichloroethene		ND		0.63	5.1
1,2,4-Trichlorobenzene		ND		0.31	5.1
1,2-Dibromo-3-Chloropropane		ND		2.6	5.1
1,2-Dichlorobenzene		ND		0.40	5.1
1,2-Dichloroethane		ND		0.26	5.1
1,2-Dichloropropane		ND		2.6	5.1
1,3-Dichlorobenzene		ND		0.26	5.1
1,4-Dichlorobenzene		ND		0.72	5.1
2-Butanone (MEK)		ND		1.9	26
2-Hexanone		ND		2.6	26
4-Methyl-2-pentanone (MIBK)		ND		1.7	26
Acetone		ND		4.3	26
Benzene		ND		0.25	5.1
Bromodichloromethane		ND		0.69	5.1
Bromoform		ND		2.6	5.1
Bromomethane		ND		0.46	5.1
Carbon disulfide		ND		2.6	5.1
Carbon tetrachloride		ND		0.50	5.1
Chlorobenzene		ND		0.68	5.1
Dibromochloromethane		ND		0.66	5.1
Chloroethane		ND		1.2	5.1
Chloroform		ND		0.32	5.1
Chloromethane		ND		0.31	5.1
cis-1,2-Dichloroethene		ND		0.66	5.1
cis-1,3-Dichloropropene		ND		0.74	5.1
Cyclohexane		ND		0.72	5.1
Dichlorodifluoromethane		ND		0.42	5.1
Ethylbenzene		ND		0.35	5.1
1,2-Dibromoethane		ND		0.66	5.1
Isopropylbenzene		ND		0.77	5.1
Methyl acetate		ND		3.1	5.1
Methyl tert-butyl ether		ND		0.50	5.1
Methylcyclohexane		ND		0.78	5.1
Methylene Chloride		ND		2.4	5.1
Styrene		ND		0.26	5.1
Tetrachloroethene		1.9	J	0.69	5.1
Toluene		ND		0.39	5.1
trans-1,2-Dichloroethene		ND		0.53	5.1
trans-1,3-Dichloropropene		ND		2.3	5.1
Trichloroethene		ND		1.1	5.1
Trichlorofluoromethane		ND		0.49	5.1

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-6 8'**

Lab Sample ID: 480-62605-2 Date Sampled: 06/24/2014 0915
Client Matrix: Solid % Moisture: 8.6 Date Received: 06/25/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-191514	Lab File ID:	F9739.D
Dilution:	1.0			Initial Weight/Volume:	5.33 g
Analysis Date:	07/08/2014 0426			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.63	5.1
Xylenes, Total		ND		0.86	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	98		71 - 125
1,2-Dichloroethane-d4 (Surr)	104		64 - 126
4-Bromofluorobenzene (Surr)	99		72 - 126
Dibromofluoromethane (Surr)	107		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-7 8'**

Lab Sample ID: 480-62605-3 Date Sampled: 06/24/2014 1010
Client Matrix: Solid % Moisture: 16.2 Date Received: 06/25/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-191514	Lab File ID:	F9740.D
Dilution:	1.0			Initial Weight/Volume:	5.68 g
Analysis Date:	07/08/2014 0452			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.38	5.3
1,1,2,2-Tetrachloroethane		ND		0.85	5.3
1,1,2-Trichloroethane		ND		0.68	5.3
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.2	5.3
1,1-Dichloroethane		ND		0.64	5.3
1,1-Dichloroethene		ND		0.64	5.3
1,2,4-Trichlorobenzene		ND		0.32	5.3
1,2-Dibromo-3-Chloropropane		ND		2.6	5.3
1,2-Dichlorobenzene		ND		0.41	5.3
1,2-Dichloroethane		ND		0.26	5.3
1,2-Dichloropropane		ND		2.6	5.3
1,3-Dichlorobenzene		ND		0.27	5.3
1,4-Dichlorobenzene		ND		0.74	5.3
2-Butanone (MEK)		ND		1.9	26
2-Hexanone		ND		2.6	26
4-Methyl-2-pentanone (MIBK)		ND		1.7	26
Acetone		ND		4.4	26
Benzene		ND		0.26	5.3
Bromodichloromethane		ND		0.70	5.3
Bromoform		ND		2.6	5.3
Bromomethane		ND		0.47	5.3
Carbon disulfide		ND		2.6	5.3
Carbon tetrachloride		ND		0.51	5.3
Chlorobenzene		ND		0.69	5.3
Dibromochloromethane		ND		0.67	5.3
Chloroethane		ND		1.2	5.3
Chloroform		ND		0.32	5.3
Chloromethane		ND		0.32	5.3
cis-1,2-Dichloroethene		ND		0.67	5.3
cis-1,3-Dichloropropene		ND		0.76	5.3
Cyclohexane		ND		0.74	5.3
Dichlorodifluoromethane		ND		0.43	5.3
Ethylbenzene		ND		0.36	5.3
1,2-Dibromoethane		ND		0.67	5.3
Isopropylbenzene		ND		0.79	5.3
Methyl acetate		ND		3.2	5.3
Methyl tert-butyl ether		ND		0.52	5.3
Methylcyclohexane		ND		0.80	5.3
Methylene Chloride		ND		2.4	5.3
Styrene		ND		0.26	5.3
Tetrachloroethene		8.3		0.71	5.3
Toluene		ND		0.40	5.3
trans-1,2-Dichloroethene		ND		0.54	5.3
trans-1,3-Dichloropropene		ND		2.3	5.3
Trichloroethene		ND		1.2	5.3
Trichlorofluoromethane		ND		0.50	5.3

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-7 8'**

Lab Sample ID: 480-62605-3 Date Sampled: 06/24/2014 1010
Client Matrix: Solid % Moisture: 16.2 Date Received: 06/25/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-191514	Lab File ID:	F9740.D
Dilution:	1.0			Initial Weight/Volume:	5.68 g
Analysis Date:	07/08/2014 0452			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.64	5.3
Xylenes, Total		ND		0.88	11

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	98		71 - 125
1,2-Dichloroethane-d4 (Surr)	101		64 - 126
4-Bromofluorobenzene (Surr)	98		72 - 126
Dibromofluoromethane (Surr)	106		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-8 10'**

Lab Sample ID: 480-62605-4 Date Sampled: 06/24/2014 1130
Client Matrix: Solid % Moisture: 13.6 Date Received: 06/25/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-191514	Lab File ID:	F9743.D
Dilution:	1.0			Initial Weight/Volume:	5.88 g
Analysis Date:	07/08/2014 0609			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.36	4.9
1,1,2,2-Tetrachloroethane		ND		0.80	4.9
1,1,2-Trichloroethane		ND		0.64	4.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	4.9
1,1-Dichloroethane		ND		0.60	4.9
1,1-Dichloroethene		ND		0.60	4.9
1,2,4-Trichlorobenzene		ND		0.30	4.9
1,2-Dibromo-3-Chloropropane		ND		2.5	4.9
1,2-Dichlorobenzene		ND		0.38	4.9
1,2-Dichloroethane		ND		0.25	4.9
1,2-Dichloropropane		ND		2.5	4.9
1,3-Dichlorobenzene		ND		0.25	4.9
1,4-Dichlorobenzene		ND		0.69	4.9
2-Butanone (MEK)		ND		1.8	25
2-Hexanone		ND		2.5	25
4-Methyl-2-pentanone (MIBK)		ND		1.6	25
Acetone		ND		4.1	25
Benzene		ND		0.24	4.9
Bromodichloromethane		ND		0.66	4.9
Bromoform		ND		2.5	4.9
Bromomethane		ND		0.44	4.9
Carbon disulfide		ND		2.5	4.9
Carbon tetrachloride		ND		0.48	4.9
Chlorobenzene		ND		0.65	4.9
Dibromochloromethane		ND		0.63	4.9
Chloroethane		ND		1.1	4.9
Chloroform		ND		0.30	4.9
Chloromethane		ND		0.30	4.9
cis-1,2-Dichloroethene		ND		0.63	4.9
cis-1,3-Dichloropropene		ND		0.71	4.9
Cyclohexane		ND		0.69	4.9
Dichlorodifluoromethane		ND		0.41	4.9
Ethylbenzene		ND		0.34	4.9
1,2-Dibromoethane		ND		0.63	4.9
Isopropylbenzene		ND		0.74	4.9
Methyl acetate		ND		3.0	4.9
Methyl tert-butyl ether		ND		0.48	4.9
Methylcyclohexane		ND		0.75	4.9
Methylene Chloride		ND		2.3	4.9
Styrene		ND		0.25	4.9
Tetrachloroethene		ND		0.66	4.9
Toluene		ND		0.37	4.9
trans-1,2-Dichloroethene		ND		0.51	4.9
trans-1,3-Dichloropropene		ND		2.2	4.9
Trichloroethene		ND		1.1	4.9
Trichlorofluoromethane		ND		0.47	4.9

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **SB-8 10'**

Lab Sample ID: 480-62605-4 Date Sampled: 06/24/2014 1130
Client Matrix: Solid % Moisture: 13.6 Date Received: 06/25/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-191514	Lab File ID:	F9743.D
Dilution:	1.0			Initial Weight/Volume:	5.88 g
Analysis Date:	07/08/2014 0609			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.60	4.9
Xylenes, Total		ND		0.83	9.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	99		71 - 125
1,2-Dichloroethane-d4 (Surr)	103		64 - 126
4-Bromofluorobenzene (Surr)	99		72 - 126
Dibromofluoromethane (Surr)	108		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **Drums**

Lab Sample ID: 480-63021-1 Date Sampled: 06/24/2014 1530
Client Matrix: Solid Date Received: 07/02/2014 0100

8260C TCLP Volatiles-TCLP

Analysis Method:	8260C	Analysis Batch:	480-191393	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S39990.D
Dilution:	10	Leach Batch:	480-190958	Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2014 1941			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 1941				
Leach Date:	07/02/2014 0952				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		ND		0.0041	0.010
Carbon tetrachloride		ND		0.0027	0.010
Chlorobenzene		ND		0.0075	0.010
Chloroform		ND		0.0034	0.010
1,2-Dichloroethane		ND		0.0021	0.010
1,1-Dichloroethene		ND		0.0029	0.010
2-Butanone (MEK)		ND		0.013	0.050
Tetrachloroethene		ND		0.0036	0.010
Trichloroethene		ND		0.0046	0.010
Vinyl chloride		ND		0.0090	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	95		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-6**

Lab Sample ID: 480-63231-1 Date Sampled: 07/02/2014 0950
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3221.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0350			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0350				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	91		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	0.50	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-6**

Lab Sample ID: 480-63231-1 Date Sampled: 07/02/2014 0950
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3221.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0350			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0350				

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)	106		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	102		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1403**

Lab Sample ID: 480-63231-2 Date Sampled: 07/02/2014 1050
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3222.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0414			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0414				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	44		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	1.5		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1403**

Lab Sample ID: 480-63231-2 Date Sampled: 07/02/2014 1050
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3222.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0414			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0414				

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)	107		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	93		73 - 120
Dibromofluoromethane (Surr)	100		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1402**

Lab Sample ID: 480-63231-3 Date Sampled: 07/02/2014 1104
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3223.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0438			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0438				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	18		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	0.57	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1402**

Lab Sample ID: 480-63231-3 Date Sampled: 07/02/2014 1104
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3223.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0438			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0438				

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)	108		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	92		73 - 120
Dibromofluoromethane (Surr)	103		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1401**

Lab Sample ID: 480-63231-4 Date Sampled: 07/02/2014 1220
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3224.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0501			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0501				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1401**

Lab Sample ID: 480-63231-4 Date Sampled: 07/02/2014 1220
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3224.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0501			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0501				

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)	108		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	104		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1404**

Lab Sample ID: 480-63231-5 Date Sampled: 07/03/2014 0920
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3225.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0526			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0526				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	0.92	J	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	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	2.5
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: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1404**

Lab Sample ID: 480-63231-5 Date Sampled: 07/03/2014 0920
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3225.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0526			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0526				

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)	113		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	104		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1405**

Lab Sample ID: 480-63231-6 Date Sampled: 07/03/2014 1030
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3226.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0549			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0549				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	3.2	J	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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1405**

Lab Sample ID: 480-63231-6 Date Sampled: 07/03/2014 1030
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3226.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0549			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0549				

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)	109		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	103		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1406**

Lab Sample ID: 480-63231-7 Date Sampled: 07/03/2014 1105
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3227.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0613			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0613				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	4.1		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: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1406**

Lab Sample ID: 480-63231-7 Date Sampled: 07/03/2014 1105
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3227.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0613			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0613				

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)	110		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	95		73 - 120
Dibromofluoromethane (Surr)	103		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1407**

Lab Sample ID: 480-63231-8 Date Sampled: 07/03/2014 1230
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3228.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0637			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0637				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	4.0	J	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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	37		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	0.53	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1407**

Lab Sample ID: 480-63231-8 Date Sampled: 07/03/2014 1230
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3228.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0637			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0637				

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)	110		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	104		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1408**

Lab Sample ID: 480-63231-9 Date Sampled: 07/03/2014 1320
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192725	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3260.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/14/2014 2053			Final Weight/Volume:	5 mL
Prep Date:	07/14/2014 2053				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **MW-1408**

Lab Sample ID: 480-63231-9 Date Sampled: 07/03/2014 1320
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192725	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3260.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/14/2014 2053			Final Weight/Volume:	5 mL
Prep Date:	07/14/2014 2053				

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)	105		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	99		60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **DUP**

Lab Sample ID: 480-63231-10 Date Sampled: 07/03/2014 1230
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192725	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3261.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/14/2014 2117			Final Weight/Volume:	5 mL
Prep Date:	07/14/2014 2117				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	40		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	0.78	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: New York State D.E.C. Job Number: 480-62518-1

Client Sample ID: **DUP**

Lab Sample ID: 480-63231-10 Date Sampled: 07/03/2014 1230
Client Matrix: Water Date Received: 07/04/2014 0200

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-192725	Instrument ID:	HP5975T
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	T3261.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/14/2014 2117			Final Weight/Volume:	5 mL
Prep Date:	07/14/2014 2117				

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)	110		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	105		60 - 140

General Chemistry

Client Sample ID: **SB-1 8-10'**

Lab Sample ID: 480-62518-1 Date Sampled: 06/23/2014 1020

Client Matrix: Solid Date Received: 06/24/2014 0100

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-2 12-16'**

Lab Sample ID: 480-62518-2 Date Sampled: 06/23/2014 1200

Client Matrix: Solid Date Received: 06/24/2014 0100

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-2 8-10'**

Lab Sample ID: 480-62518-3 Date Sampled: 06/23/2014 1210

Client Matrix: Solid Date Received: 06/24/2014 0100

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N
Percent Solids	93		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-3 6'**

Lab Sample ID: 480-62518-4 Date Sampled: 06/23/2014 1314

Client Matrix: Solid Date Received: 06/24/2014 0100

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N

Client: New York State D.E.C. Job Number: 480-62518-1

General Chemistry

Client Sample ID: **SB-4 4-10'**

Lab Sample ID: 480-62518-5 Date Sampled: 06/23/2014 1510
Client Matrix: Solid Date Received: 06/24/2014 0100

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N
Percent Solids	86		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-5 7'**

Lab Sample ID: 480-62605-1 Date Sampled: 06/24/2014 0820

Client Matrix: Solid Date Received: 06/25/2014 0200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-6 8'**

Lab Sample ID: 480-62605-2 Date Sampled: 06/24/2014 0915

Client Matrix: Solid Date Received: 06/25/2014 0200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-7 8'**

Lab Sample ID: 480-62605-3 Date Sampled: 06/24/2014 1010

Client Matrix: Solid Date Received: 06/25/2014 0200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-8 10'**

Lab Sample ID: 480-62605-4 Date Sampled: 06/24/2014 1130

Client Matrix: Solid Date Received: 06/25/2014 0200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N
Percent Solids	86		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-190119	Analysis Date: 06/26/2014 2014						DryWt Corrected: N

Client: New York State D.E.C. Job Number: 480-62518-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
480-62518-1	SB-1 8-10'	103	103	98	102
480-62518-2	SB-2 12-16'	107	104	99	105
480-62518-3	SB-2 8-10'	105	104	99	104
480-62518-4	SB-3 6'	102	100	97	104
480-62518-5	SB-4 4-10'	101	100	103	105
480-62605-1	SB-5 7'	107	102	97	100
480-62605-2	SB-6 8'	107	104	98	99
480-62605-3	SB-7 8'	106	101	98	98
480-62605-4	SB-8 10'	108	103	99	99
MB 480-190420/8		97	92	96	102
MB 480-191487/7		103	96	98	99
LCS 480-190420/7		96	103	99	106
LCS 480-191487/6		105	98	99	101
480-62605-3 MS	SB-7 8' MS	105	92	99	99
480-62605-3 MSD	SB-7 8' MSD	107	93	99	100

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	60-140
DCA = 1,2-Dichloroethane-d4 (Surr)	64-126
TOL = Toluene-d8 (Surr)	71-125
BFB = 4-Bromofluorobenzene (Surr)	72-126

Client: New York State D.E.C. Job Number: 480-62518-1

Surrogate Recovery Report

8260C TCLP Volatiles

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
480-63021-1	Drums	95	102	101	96
MB 480-191393/8		93	101	102	94
LB 480-190958/1-A		93	102	100	94
LCS 480-191393/6		99	101	99	101

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	60-140
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Client: New York State D.E.C. Job Number: 480-62518-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
480-63231-1	MW-6	102	106	97	97
480-63231-2	MW-1403	100	107	99	93
480-63231-3	MW-1402	103	108	98	92
480-63231-4	MW-1401	104	108	99	96
480-63231-5	MW-1404	104	113	99	96
480-63231-6	MW-1405	103	109	100	98
480-63231-7	MW-1406	103	110	97	95
480-63231-8	MW-1407	104	110	99	97
480-63231-9	MW-1408	99	105	101	98
480-63231-10	DUP	105	110	101	96
MB 480-192459/7		106	107	98	94
MB 480-192725/10		101	107	100	94
LCS 480-192459/4		105	109	100	100
LCS 480-192725/7		106	107	99	100
480-63231-8 MS	MW-1407 MS	107	112	99	97
480-63231-8 MSD	MW-1407 MSD	104	107	98	98

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	60-140
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Client: New York State D.E.C. Job Number: 480-62518-1

Method Blank - Batch: 480-190420 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MB 480-190420/8	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	F9562.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	06/28/2014 1205	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	ND		0.36	5.0
1,1,2,2-Tetrachloroethane	ND		0.81	5.0
1,1,2-Trichloroethane	ND		0.65	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	5.0
1,1-Dichloroethane	ND		0.61	5.0
1,1-Dichloroethene	ND		0.61	5.0
1,2,4-Trichlorobenzene	ND		0.30	5.0
1,2-Dibromo-3-Chloropropane	ND		2.5	5.0
1,2-Dichlorobenzene	ND		0.39	5.0
1,2-Dichloroethane	ND		0.25	5.0
1,2-Dichloropropane	ND		2.5	5.0
1,3-Dichlorobenzene	ND		0.26	5.0
1,4-Dichlorobenzene	ND		0.70	5.0
2-Hexanone	ND		2.5	25
2-Butanone (MEK)	ND		1.8	25
4-Methyl-2-pentanone (MIBK)	ND		1.6	25
Acetone	ND		4.2	25
Benzene	ND		0.25	5.0
Bromodichloromethane	ND		0.67	5.0
Bromoform	ND		2.5	5.0
Bromomethane	ND		0.45	5.0
Carbon disulfide	ND		2.5	5.0
Carbon tetrachloride	ND		0.48	5.0
Chlorobenzene	ND		0.66	5.0
Dibromochloromethane	ND		0.64	5.0
Chloroethane	ND		1.1	5.0
Chloroform	ND		0.31	5.0
Chloromethane	ND		0.30	5.0
cis-1,2-Dichloroethene	ND		0.64	5.0
cis-1,3-Dichloropropene	ND		0.72	5.0
Cyclohexane	ND		0.70	5.0
Dichlorodifluoromethane	ND		0.41	5.0
1,2-Dibromoethane	ND		0.64	5.0
Ethylbenzene	ND		0.35	5.0
Isopropylbenzene	ND		0.75	5.0
Methyl acetate	ND		3.0	5.0
Methyl tert-butyl ether	ND		0.49	5.0
Methylcyclohexane	ND		0.76	5.0
Methylene Chloride	2.36	J	2.3	5.0
Styrene	ND		0.25	5.0
Tetrachloroethene	ND		0.67	5.0
Toluene	ND		0.38	5.0
trans-1,2-Dichloroethene	ND		0.52	5.0
trans-1,3-Dichloropropene	ND		2.2	5.0
Trichloroethene	ND		1.1	5.0

Client: New York State D.E.C. Job Number: 480-62518-1

Method Blank - Batch: 480-190420

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 480-190420/8	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	F9562.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	06/28/2014 1205	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichlorofluoromethane	ND		0.47	5.0
Vinyl chloride	ND		0.61	5.0
Xylenes, Total	ND		0.84	10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	71 - 125
1,2-Dichloroethane-d4 (Surr)	92	64 - 126
4-Bromofluorobenzene (Surr)	102	72 - 126
Dibromofluoromethane (Surr)	97	60 - 140

Lab Control Sample - Batch: 480-190420

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 480-190420/7	Analysis Batch:	480-190420	Instrument ID:	HP5973F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	F9561.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	06/28/2014 1139	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	50.0	44.7	89	73 - 126	
1,1-Dichloroethene	50.0	53.1	106	59 - 125	
1,2-Dichlorobenzene	50.0	45.7	91	75 - 120	
1,2-Dichloroethane	50.0	44.6	89	77 - 122	
Benzene	50.0	42.8	86	79 - 127	
Chlorobenzene	50.0	43.8	88	76 - 124	
cis-1,2-Dichloroethene	50.0	46.1	92	81 - 117	
Ethylbenzene	50.0	43.4	87	80 - 120	
Methyl tert-butyl ether	50.0	50.3	101	63 - 125	
Tetrachloroethene	50.0	49.1	98	74 - 122	
Toluene	50.0	43.6	87	74 - 128	
trans-1,2-Dichloroethene	50.0	46.5	93	78 - 126	
Trichloroethene	50.0	44.2	88	77 - 129	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	71 - 125
1,2-Dichloroethane-d4 (Surr)	103	64 - 126
4-Bromofluorobenzene (Surr)	106	72 - 126
Dibromofluoromethane (Surr)	96	60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Method Blank - Batch: 480-191393

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 480-191393/8	Analysis Batch:	480-191393	Instrument ID:	HP5973S
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	S39971.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2014 1241	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 1241				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	ND		0.00029	0.0010
1,2-Dichloroethane	ND		0.00021	0.0010
2-Butanone (MEK)	ND		0.0013	0.0050
Benzene	ND		0.00041	0.0010
Carbon tetrachloride	ND		0.00027	0.0010
Chlorobenzene	ND		0.00075	0.0010
Chloroform	ND		0.00034	0.0010
Tetrachloroethene	ND		0.00036	0.0010
Trichloroethene	ND		0.00046	0.0010
Vinyl chloride	ND		0.00090	0.0010

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	102	71 - 126
1,2-Dichloroethane-d4 (Surr)	101	66 - 137
4-Bromofluorobenzene (Surr)	94	73 - 120
Dibromofluoromethane (Surr)	93	60 - 140

TCLP SPLPE Leachate Blank - Batch: 480-191393

Method: 8260C
Preparation: 5030C
TCLP

Lab Sample ID:	LB 480-190958/1-A	Analysis Batch:	480-191393	Instrument ID:	HP5973S
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	S39988.D
Dilution:	10	Leach Batch:	480-190958	Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2014 1857	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 1857				
Leach Date:	07/02/2014 0952				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	ND		0.0029	0.010
1,2-Dichloroethane	ND		0.0021	0.010
2-Butanone (MEK)	ND		0.013	0.050
Benzene	ND		0.0041	0.010
Carbon tetrachloride	ND		0.0027	0.010
Chlorobenzene	ND		0.0075	0.010
Chloroform	ND		0.0034	0.010
Tetrachloroethene	ND		0.0036	0.010
Trichloroethene	ND		0.0046	0.010
Vinyl chloride	ND		0.0090	0.010

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	100	71 - 126
1,2-Dichloroethane-d4 (Surr)	102	66 - 137
4-Bromofluorobenzene (Surr)	94	73 - 120
Dibromofluoromethane (Surr)	93	60 - 140

Lab Control Sample - Batch: 480-191393

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 480-191393/6	Analysis Batch:	480-191393	Instrument ID:	HP5973S
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	S39969.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/07/2014 1156	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 1156				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethene	0.0250	0.0251	101	58 - 121	
1,2-Dichloroethane	0.0250	0.0247	99	75 - 127	
Benzene	0.0250	0.0242	97	71 - 124	
Chlorobenzene	0.0250	0.0245	98	72 - 120	
Tetrachloroethene	0.0250	0.0251	100	74 - 122	
Trichloroethene	0.0250	0.0247	99	74 - 123	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	71 - 126
1,2-Dichloroethane-d4 (Surr)	101	66 - 137
4-Bromofluorobenzene (Surr)	101	73 - 120
Dibromofluoromethane (Surr)	99	60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Method Blank - Batch: 480-191487

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 480-191487/7	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	F9729.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/07/2014 2327	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	ND		0.36	5.0
1,1,2,2-Tetrachloroethane	ND		0.81	5.0
1,1,2-Trichloroethane	ND		0.65	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	5.0
1,1-Dichloroethane	ND		0.61	5.0
1,1-Dichloroethene	ND		0.61	5.0
1,2,4-Trichlorobenzene	ND		0.30	5.0
1,2-Dibromo-3-Chloropropane	ND		2.5	5.0
1,2-Dichlorobenzene	ND		0.39	5.0
1,2-Dichloroethane	ND		0.25	5.0
1,2-Dichloropropane	ND		2.5	5.0
1,3-Dichlorobenzene	ND		0.26	5.0
1,4-Dichlorobenzene	ND		0.70	5.0
2-Hexanone	ND		2.5	25
2-Butanone (MEK)	ND		1.8	25
4-Methyl-2-pentanone (MIBK)	ND		1.6	25
Acetone	ND		4.2	25
Benzene	ND		0.25	5.0
Bromodichloromethane	ND		0.67	5.0
Bromoform	ND		2.5	5.0
Bromomethane	ND		0.45	5.0
Carbon disulfide	ND		2.5	5.0
Carbon tetrachloride	ND		0.48	5.0
Chlorobenzene	ND		0.66	5.0
Dibromochloromethane	ND		0.64	5.0
Chloroethane	ND		1.1	5.0
Chloroform	ND		0.31	5.0
Chloromethane	ND		0.30	5.0
cis-1,2-Dichloroethene	ND		0.64	5.0
cis-1,3-Dichloropropene	ND		0.72	5.0
Cyclohexane	ND		0.70	5.0
Dichlorodifluoromethane	ND		0.41	5.0
1,2-Dibromoethane	ND		0.64	5.0
Ethylbenzene	ND		0.35	5.0
Isopropylbenzene	ND		0.75	5.0
Methyl acetate	ND		3.0	5.0
Methyl tert-butyl ether	ND		0.49	5.0
Methylcyclohexane	ND		0.76	5.0
Methylene Chloride	ND		2.3	5.0
Styrene	ND		0.25	5.0
Tetrachloroethene	ND		0.67	5.0
Toluene	ND		0.38	5.0
trans-1,2-Dichloroethene	ND		0.52	5.0
trans-1,3-Dichloropropene	ND		2.2	5.0
Trichloroethene	ND		1.1	5.0

Method Blank - Batch: 480-191487

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 480-191487/7	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	F9729.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/07/2014 2327	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichlorofluoromethane	ND		0.47	5.0
Vinyl chloride	ND		0.61	5.0
Xylenes, Total	ND		0.84	10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	71 - 125
1,2-Dichloroethane-d4 (Surr)	96	64 - 126
4-Bromofluorobenzene (Surr)	99	72 - 126
Dibromofluoromethane (Surr)	103	60 - 140

Lab Control Sample - Batch: 480-191487

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 480-191487/6	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	F9728.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/07/2014 2301	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	50.0	49.3	99	73 - 126	
1,1-Dichloroethene	50.0	51.6	103	59 - 125	
1,2-Dichlorobenzene	50.0	50.9	102	75 - 120	
1,2-Dichloroethane	50.0	49.6	99	77 - 122	
Benzene	50.0	50.6	101	79 - 127	
Chlorobenzene	50.0	52.3	105	76 - 124	
cis-1,2-Dichloroethene	50.0	51.8	104	81 - 117	
Ethylbenzene	50.0	53.7	107	80 - 120	
Methyl tert-butyl ether	50.0	53.5	107	63 - 125	
Tetrachloroethene	50.0	55.7	111	74 - 122	
Toluene	50.0	52.7	105	74 - 128	
trans-1,2-Dichloroethene	50.0	51.9	104	78 - 126	
Trichloroethene	50.0	53.0	106	77 - 129	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	71 - 125
1,2-Dichloroethane-d4 (Surr)	98	64 - 126
4-Bromofluorobenzene (Surr)	101	72 - 126
Dibromofluoromethane (Surr)	105	60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-191514

Method: 8260C
Preparation: 5035A

MS Lab Sample ID:	480-62605-3	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Client Matrix:	Solid	Prep Batch:	480-191514	Lab File ID:	F9741.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.87 g
Analysis Date:	07/08/2014 0517			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	480-62605-3	Analysis Batch:	480-191487	Instrument ID:	HP5973F
Client Matrix:	Solid	Prep Batch:	480-191514	Lab File ID:	F9742.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	7.31 g
Analysis Date:	07/08/2014 0543			Final Weight/Volume:	5 mL
Prep Date:	07/07/2014 2332				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethane	88	86	73 - 126	24	30		
1,1-Dichloroethene	88	82	59 - 125	29	30		
1,2-Dichlorobenzene	89	88	75 - 120	23	30		
1,2-Dichloroethane	85	87	77 - 122	20	30		
Benzene	89	88	79 - 127	24	30		
Chlorobenzene	92	90	76 - 124	24	30		
cis-1,2-Dichloroethene	91	90	81 - 117	24	30		
Ethylbenzene	93	90	80 - 120	25	30		
Methyl tert-butyl ether	90	93	63 - 125	19	30		
Tetrachloroethene	81	80	74 - 122	19	30		
Toluene	92	90	74 - 128	24	30		
trans-1,2-Dichloroethene	90	87	78 - 126	25	30		
Trichloroethene	92	90	77 - 129	25	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	99	99	71 - 125
1,2-Dichloroethane-d4 (Surr)	92	93	64 - 126
4-Bromofluorobenzene (Surr)	99	100	72 - 126
Dibromofluoromethane (Surr)	105	107	60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-191514

Method: 8260C
Preparation: 5035A

MS Lab Sample ID:	480-62605-3	Units: ug/Kg	MSD Lab Sample ID:	480-62605-3	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	07/08/2014 0517		Analysis Date:	07/08/2014 0543	
Prep Date:	07/07/2014 2332		Prep Date:	07/07/2014 2332	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1-Dichloroethane	ND	50.8	40.8	44.7	35.2
1,1-Dichloroethene	ND	50.8	40.8	44.9	33.4
1,2-Dichlorobenzene	ND	50.8	40.8	45.4	35.9
1,2-Dichloroethane	ND	50.8	40.8	43.3	35.3
Benzene	ND	50.8	40.8	45.4	35.7
Chlorobenzene	ND	50.8	40.8	46.8	36.7
cis-1,2-Dichloroethene	ND	50.8	40.8	46.4	36.5
Ethylbenzene	ND	50.8	40.8	47.0	36.7
Methyl tert-butyl ether	ND	50.8	40.8	45.5	37.7
Tetrachloroethene	8.3	50.8	40.8	49.6	40.9
Toluene	ND	50.8	40.8	46.6	36.5
trans-1,2-Dichloroethene	ND	50.8	40.8	45.6	35.5
Trichloroethene	ND	50.8	40.8	46.8	36.5

Client: New York State D.E.C. Job Number: 480-62518-1

Method Blank - Batch: 480-192459

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 480-192459/7	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T3212.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0004	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0004				
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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
1,2-Dibromoethane	ND		0.73	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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

Client: New York State D.E.C. Job Number: 480-62518-1

Method Blank - Batch: 480-192459

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 480-192459/7	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T3212.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0004	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0004				
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
Toluene-d8 (Surr)	98	71 - 126
1,2-Dichloroethane-d4 (Surr)	107	66 - 137
4-Bromofluorobenzene (Surr)	94	73 - 120
Dibromofluoromethane (Surr)	106	60 - 140

Lab Control Sample - Batch: 480-192459

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 480-192459/4	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T3209.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2014 2317	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/11/2014 2317				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	24.6	98	71 - 129	
1,1-Dichloroethene	25.0	21.7	87	58 - 121	
1,2-Dichlorobenzene	25.0	24.0	96	80 - 124	
1,2-Dichloroethane	25.0	25.4	102	75 - 127	
Benzene	25.0	23.4	94	71 - 124	
Chlorobenzene	25.0	23.6	94	72 - 120	
cis-1,2-Dichloroethene	25.0	23.1	92	74 - 124	
Ethylbenzene	25.0	23.5	94	77 - 123	
Methyl tert-butyl ether	25.0	24.1	96	64 - 127	
Tetrachloroethene	25.0	22.6	90	74 - 122	
Toluene	25.0	23.0	92	80 - 122	
trans-1,2-Dichloroethene	25.0	22.6	90	73 - 127	
Trichloroethene	25.0	23.2	93	74 - 123	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	100	71 - 126
1,2-Dichloroethane-d4 (Surr)	109	66 - 137
4-Bromofluorobenzene (Surr)	100	73 - 120
Dibromofluoromethane (Surr)	105	60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-192459

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	480-63231-8	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T3229.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0701			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0701				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	480-63231-8	Analysis Batch:	480-192459	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T3230.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2014 0725			Final Weight/Volume:	5 mL
Prep Date:	07/12/2014 0725				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethane	121	118	71 - 129	3	20		
1,1-Dichloroethene	114	110	58 - 121	4	16		
1,2-Dichlorobenzene	112	108	80 - 124	4	20		
1,2-Dichloroethane	120	118	75 - 127	1	20		
Benzene	114	110	71 - 124	3	13		
Chlorobenzene	110	109	72 - 120	1	25		
cis-1,2-Dichloroethene	118	112	74 - 124	5	15		
Ethylbenzene	113	111	77 - 123	1	15		
Methyl tert-butyl ether	111	110	64 - 127	0	37		
Tetrachloroethene	116	118	74 - 122	1	20		
Toluene	108	107	80 - 122	1	15		
trans-1,2-Dichloroethene	111	109	73 - 127	2	20		
Trichloroethene	117	114	74 - 123	2	16		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	107	66 - 137
Toluene-d8 (Surr)	99	98	71 - 126
4-Bromofluorobenzene (Surr)	97	98	73 - 120
Dibromofluoromethane (Surr)	107	104	60 - 140

Client: New York State D.E.C. Job Number: 480-62518-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-192459

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	480-63231-8	Units:	ug/L	MSD Lab Sample ID:	480-63231-8
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/12/2014 0701			Analysis Date:	07/12/2014 0725
Prep Date:	07/12/2014 0701			Prep Date:	07/12/2014 0725
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1-Dichloroethane	ND		25.0	25.0	30.3	29.5
1,1-Dichloroethene	ND		25.0	25.0	28.6	27.6
1,2-Dichlorobenzene	ND		25.0	25.0	28.1	27.0
1,2-Dichloroethane	ND		25.0	25.0	29.9	29.6
Benzene	ND		25.0	25.0	28.4	27.6
Chlorobenzene	ND		25.0	25.0	27.5	27.3
cis-1,2-Dichloroethene	ND		25.0	25.0	29.5	28.1
Ethylbenzene	ND		25.0	25.0	28.1	27.8
Methyl tert-butyl ether	ND		25.0	25.0	27.6	27.5
Tetrachloroethene	37		25.0	25.0	66.3	66.7
Toluene	ND		25.0	25.0	27.0	26.6
trans-1,2-Dichloroethene	ND		25.0	25.0	27.9	27.3
Trichloroethene	0.53	J	25.0	25.0	29.7	29.1

Client: New York State D.E.C. Job Number: 480-62518-1

Method Blank - Batch: 480-192725

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 480-192725/10	Analysis Batch:	480-192725	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T3259.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/14/2014 2014	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/14/2014 2014				
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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
1,2-Dibromoethane	ND		0.73	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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

Client: New York State D.E.C. Job Number: 480-62518-1

Method Blank - Batch: 480-192725

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 480-192725/10	Analysis Batch:	480-192725	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T3259.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/14/2014 2014	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/14/2014 2014				
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
Toluene-d8 (Surr)	100	71 - 126
1,2-Dichloroethane-d4 (Surr)	107	66 - 137
4-Bromofluorobenzene (Surr)	94	73 - 120
Dibromofluoromethane (Surr)	101	60 - 140

Lab Control Sample - Batch: 480-192725

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 480-192725/7	Analysis Batch:	480-192725	Instrument ID:	HP5975T
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T3256.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/14/2014 1901	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/14/2014 1901				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	24.5	98	71 - 129	
1,1-Dichloroethene	25.0	21.2	85	58 - 121	
1,2-Dichlorobenzene	25.0	24.1	96	80 - 124	
1,2-Dichloroethane	25.0	25.8	103	75 - 127	
Benzene	25.0	23.5	94	71 - 124	
Chlorobenzene	25.0	23.4	94	72 - 120	
cis-1,2-Dichloroethene	25.0	22.7	91	74 - 124	
Ethylbenzene	25.0	23.3	93	77 - 123	
Methyl tert-butyl ether	25.0	23.3	93	64 - 127	
Tetrachloroethene	25.0	22.9	91	74 - 122	
Toluene	25.0	22.3	89	80 - 122	
trans-1,2-Dichloroethene	25.0	22.0	88	73 - 127	
Trichloroethene	25.0	23.4	93	74 - 123	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	71 - 126
1,2-Dichloroethane-d4 (Surr)	107	66 - 137
4-Bromofluorobenzene (Surr)	100	73 - 120
Dibromofluoromethane (Surr)	106	60 - 140

DATA REPORTING QUALIFIERS

Client: New York State D.E.C. Job Number: 480-62518-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	F1	MS and/or MSD Recovery exceeds the control limits
	F2	MS/MSD RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: New York State D.E.C. Job Number: 480-62518-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:480-190420					
LCS 480-190420/7	Lab Control Sample	T	Solid	8260C	
MB 480-190420/8	Method Blank	T	Solid	8260C	
480-62518-1	SB-1 8-10'	T	Solid	8260C	480-190443
480-62518-2	SB-2 12-16'	T	Solid	8260C	480-190443
480-62518-3	SB-2 8-10'	T	Solid	8260C	480-190443
480-62518-4	SB-3 6'	T	Solid	8260C	480-190443
480-62518-5	SB-4 4-10'	T	Solid	8260C	480-190443
Prep Batch: 480-190443					
480-62518-1	SB-1 8-10'	T	Solid	5035A	
480-62518-2	SB-2 12-16'	T	Solid	5035A	
480-62518-3	SB-2 8-10'	T	Solid	5035A	
480-62518-4	SB-3 6'	T	Solid	5035A	
480-62518-5	SB-4 4-10'	T	Solid	5035A	
Prep Batch: 480-190958					
LB 480-190958/1-A	TCLP SPLPE Leachate Blank	P	Solid	1311	
480-63021-1	Drums	P	Solid	1311	
Analysis Batch:480-191393					
LB 480-190958/1-A	TCLP SPLPE Leachate Blank	P	Solid	8260C	
LCS 480-191393/6	Lab Control Sample	T	Water	8260C	
MB 480-191393/8	Method Blank	T	Water	8260C	
480-63021-1	Drums	P	Solid	8260C	
Analysis Batch:480-191487					
LCS 480-191487/6	Lab Control Sample	T	Solid	8260C	
MB 480-191487/7	Method Blank	T	Solid	8260C	
480-62605-1	SB-5 7'	T	Solid	8260C	480-191514
480-62605-2	SB-6 8'	T	Solid	8260C	480-191514
480-62605-3	SB-7 8'	T	Solid	8260C	480-191514
480-62605-3MS	Matrix Spike	T	Solid	8260C	480-191514
480-62605-3MSD	Matrix Spike Duplicate	T	Solid	8260C	480-191514
480-62605-4	SB-8 10'	T	Solid	8260C	480-191514
Prep Batch: 480-191514					
480-62605-1	SB-5 7'	T	Solid	5035A	
480-62605-2	SB-6 8'	T	Solid	5035A	
480-62605-3	SB-7 8'	T	Solid	5035A	
480-62605-3MS	Matrix Spike	T	Solid	5035A	
480-62605-3MSD	Matrix Spike Duplicate	T	Solid	5035A	
480-62605-4	SB-8 10'	T	Solid	5035A	

Client: New York State D.E.C. Job Number: 480-62518-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:480-192459					
LCS 480-192459/4	Lab Control Sample	T	Water	8260C	
MB 480-192459/7	Method Blank	T	Water	8260C	
480-63231-1	MW-6	T	Water	8260C	
480-63231-2	MW-1403	T	Water	8260C	
480-63231-3	MW-1402	T	Water	8260C	
480-63231-4	MW-1401	T	Water	8260C	
480-63231-5	MW-1404	T	Water	8260C	
480-63231-6	MW-1405	T	Water	8260C	
480-63231-7	MW-1406	T	Water	8260C	
480-63231-8	MW-1407	T	Water	8260C	
480-63231-8MS	Matrix Spike	T	Water	8260C	
480-63231-8MSD	Matrix Spike Duplicate	T	Water	8260C	
Analysis Batch:480-192725					
LCS 480-192725/7	Lab Control Sample	T	Water	8260C	
MB 480-192725/10	Method Blank	T	Water	8260C	
480-63231-9	MW-1408	T	Water	8260C	
480-63231-10	DUP	T	Water	8260C	

Report Basis
P = TCLP
T = Total

General Chemistry					
Analysis Batch:480-190119					
480-62518-1	SB-1 8-10'	T	Solid	Moisture	
480-62518-2	SB-2 12-16'	T	Solid	Moisture	
480-62518-3	SB-2 8-10'	T	Solid	Moisture	
480-62518-4	SB-3 6'	T	Solid	Moisture	
480-62518-5	SB-4 4-10'	T	Solid	Moisture	
480-62605-1	SB-5 7'	T	Solid	Moisture	
480-62605-2	SB-6 8'	T	Solid	Moisture	
480-62605-3	SB-7 8'	T	Solid	Moisture	
480-62605-3MS	Matrix Spike	T	Solid	Moisture	
480-62605-3MSD	Matrix Spike Duplicate	T	Solid	Moisture	
480-62605-4	SB-8 10'	T	Solid	Moisture	

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 480-62518-1

Laboratory Chronicle

Lab ID: 480-62518-1 **Client ID:** SB-1 8-10'

Sample Date/Time: 06/23/2014 10:20 Received Date/Time: 06/24/2014 01:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62518-A-1-A		480-190420	480-190443	06/28/2014 11:16	1	TAL BUF	RAS
A:8260C	480-62518-A-1-A		480-190420	480-190443	06/28/2014 14:50	1	TAL BUF	RAS
A:Moisture	480-62518-D-1		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Lab ID: 480-62518-2 **Client ID:** SB-2 12-16'

Sample Date/Time: 06/23/2014 12:00 Received Date/Time: 06/24/2014 01:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62518-A-2-A		480-190420	480-190443	06/28/2014 11:16	1	TAL BUF	RAS
A:8260C	480-62518-A-2-A		480-190420	480-190443	06/28/2014 15:16	1	TAL BUF	RAS
A:Moisture	480-62518-D-2		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Lab ID: 480-62518-3 **Client ID:** SB-2 8-10'

Sample Date/Time: 06/23/2014 12:10 Received Date/Time: 06/24/2014 01:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62518-A-3-A		480-190420	480-190443	06/28/2014 11:16	1	TAL BUF	RAS
A:8260C	480-62518-A-3-A		480-190420	480-190443	06/28/2014 15:42	1	TAL BUF	RAS
A:Moisture	480-62518-D-3		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Lab ID: 480-62518-4 **Client ID:** SB-3 6'

Sample Date/Time: 06/23/2014 13:14 Received Date/Time: 06/24/2014 01:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62518-A-4-A		480-190420	480-190443	06/28/2014 11:16	1	TAL BUF	RAS
A:8260C	480-62518-A-4-A		480-190420	480-190443	06/28/2014 16:08	1	TAL BUF	RAS
A:Moisture	480-62518-D-4		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Lab ID: 480-62518-5 **Client ID:** SB-4 4-10'

Sample Date/Time: 06/23/2014 15:10 Received Date/Time: 06/24/2014 01:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62518-A-5-A		480-190420	480-190443	06/28/2014 11:16	1	TAL BUF	RAS
A:8260C	480-62518-A-5-A		480-190420	480-190443	06/28/2014 16:34	1	TAL BUF	RAS
A:Moisture	480-62518-D-5		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Client: New York State D.E.C. Job Number: 480-62518-1

Laboratory Chronicle

Lab ID: 480-62605-1 **Client ID:** SB-5 7'

Sample Date/Time: 06/24/2014 08:20 Received Date/Time: 06/25/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62605-A-1-A		480-191487	480-191514	07/07/2014 23:32	1	TAL BUF	CDC
A:8260C	480-62605-A-1-A		480-191487	480-191514	07/08/2014 04:00	1	TAL BUF	RAS
A:Moisture	480-62605-D-1		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Lab ID: 480-62605-2 **Client ID:** SB-6 8'

Sample Date/Time: 06/24/2014 09:15 Received Date/Time: 06/25/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62605-A-2-A		480-191487	480-191514	07/07/2014 23:32	1	TAL BUF	CDC
A:8260C	480-62605-A-2-A		480-191487	480-191514	07/08/2014 04:26	1	TAL BUF	RAS
A:Moisture	480-62605-D-2		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Lab ID: 480-62605-3 **Client ID:** SB-7 8'

Sample Date/Time: 06/24/2014 10:10 Received Date/Time: 06/25/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62605-A-3-A		480-191487	480-191514	07/07/2014 23:32	1	TAL BUF	CDC
A:8260C	480-62605-A-3-A		480-191487	480-191514	07/08/2014 04:52	1	TAL BUF	RAS
A:Moisture	480-62605-D-3		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Lab ID: 480-62605-3 **Client ID:** SB-7 8'

Sample Date/Time: 06/24/2014 10:10 Received Date/Time: 06/25/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62605-A-3-B MS		480-191487	480-191514	07/07/2014 23:32	1	TAL BUF	CDC
A:8260C	480-62605-A-3-B MS		480-191487	480-191514	07/08/2014 05:17	1	TAL BUF	RAS
A:Moisture	480-62605-D-3 MS		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Lab ID: 480-62605-3 **Client ID:** SB-7 8'

Sample Date/Time: 06/24/2014 10:10 Received Date/Time: 06/25/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62605-A-3-C MSD		480-191487	480-191514	07/07/2014 23:32	1	TAL BUF	CDC
A:8260C	480-62605-A-3-C MSD		480-191487	480-191514	07/08/2014 05:43	1	TAL BUF	RAS
A:Moisture	480-62605-D-3 MSD		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Client: New York State D.E.C. Job Number: 480-62518-1

Laboratory Chronicle

Lab ID: 480-62605-4 **Client ID:** SB-8 10'

Sample Date/Time: 06/24/2014 11:30 Received Date/Time: 06/25/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035A	480-62605-A-4-A		480-191487	480-191514	07/07/2014 23:32	1	TAL BUF	CDC
A:8260C	480-62605-A-4-A		480-191487	480-191514	07/08/2014 06:09	1	TAL BUF	RAS
A:Moisture	480-62605-D-4		480-190119		06/26/2014 20:14	1	TAL BUF	GTG

Lab ID: 480-63021-1 **Client ID:** Drums

Sample Date/Time: 06/24/2014 15:30 Received Date/Time: 07/02/2014 01:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63021-A-1-A		480-191393		07/07/2014 19:41	10	TAL BUF	NQN
A:8260C	480-63021-A-1-A		480-191393		07/07/2014 19:41	10	TAL BUF	NQN

Lab ID: 480-63231-1 **Client ID:** MW-6

Sample Date/Time: 07/02/2014 09:50 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-1		480-192459		07/12/2014 03:50	1	TAL BUF	GTG
A:8260C	480-63231-A-1		480-192459		07/12/2014 03:50	1	TAL BUF	GTG

Lab ID: 480-63231-2 **Client ID:** MW-1403

Sample Date/Time: 07/02/2014 10:50 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-2		480-192459		07/12/2014 04:14	1	TAL BUF	GTG
A:8260C	480-63231-A-2		480-192459		07/12/2014 04:14	1	TAL BUF	GTG

Lab ID: 480-63231-3 **Client ID:** MW-1402

Sample Date/Time: 07/02/2014 11:04 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-3		480-192459		07/12/2014 04:38	1	TAL BUF	GTG
A:8260C	480-63231-A-3		480-192459		07/12/2014 04:38	1	TAL BUF	GTG

Lab ID: 480-63231-4 **Client ID:** MW-1401

Sample Date/Time: 07/02/2014 12:20 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-4		480-192459		07/12/2014 05:01	1	TAL BUF	GTG
A:8260C	480-63231-A-4		480-192459		07/12/2014 05:01	1	TAL BUF	GTG

Client: New York State D.E.C. Job Number: 480-62518-1

Laboratory Chronicle

Lab ID: 480-63231-5 **Client ID:** MW-1404

Sample Date/Time: 07/03/2014 09:20 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-5		480-192459		07/12/2014 05:26	1	TAL BUF	GTG
A:8260C	480-63231-A-5		480-192459		07/12/2014 05:26	1	TAL BUF	GTG

Lab ID: 480-63231-6 **Client ID:** MW-1405

Sample Date/Time: 07/03/2014 10:30 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-6		480-192459		07/12/2014 05:49	1	TAL BUF	GTG
A:8260C	480-63231-A-6		480-192459		07/12/2014 05:49	1	TAL BUF	GTG

Lab ID: 480-63231-7 **Client ID:** MW-1406

Sample Date/Time: 07/03/2014 11:05 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-7		480-192459		07/12/2014 06:13	1	TAL BUF	GTG
A:8260C	480-63231-A-7		480-192459		07/12/2014 06:13	1	TAL BUF	GTG

Lab ID: 480-63231-8 **Client ID:** MW-1407

Sample Date/Time: 07/03/2014 12:30 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-8		480-192459		07/12/2014 06:37	1	TAL BUF	GTG
A:8260C	480-63231-A-8		480-192459		07/12/2014 06:37	1	TAL BUF	GTG

Lab ID: 480-63231-8 **Client ID:** MW-1407

Sample Date/Time: 07/03/2014 12:30 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-8 MS		480-192459		07/12/2014 07:01	1	TAL BUF	GTG
A:8260C	480-63231-A-8 MS		480-192459		07/12/2014 07:01	1	TAL BUF	GTG

Lab ID: 480-63231-8 **Client ID:** MW-1407

Sample Date/Time: 07/03/2014 12:30 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-8 MSD		480-192459		07/12/2014 07:25	1	TAL BUF	GTG
A:8260C	480-63231-A-8 MSD		480-192459		07/12/2014 07:25	1	TAL BUF	GTG

Client: New York State D.E.C. Job Number: 480-62518-1

Laboratory Chronicle

Lab ID: 480-63231-9 **Client ID:** MW-1408

Sample Date/Time: 07/03/2014 13:20 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-9		480-192725		07/14/2014 20:53	1	TAL BUF	CxM
A:8260C	480-63231-A-9		480-192725		07/14/2014 20:53	1	TAL BUF	CxM

Lab ID: 480-63231-10 **Client ID:** DUP

Sample Date/Time: 07/03/2014 12:30 Received Date/Time: 07/04/2014 02:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-63231-A-10		480-192725		07/14/2014 21:17	1	TAL BUF	CxM
A:8260C	480-63231-A-10		480-192725		07/14/2014 21:17	1	TAL BUF	CxM

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
A:8260C	MB 480-190420/8		480-190420		06/28/2014 12:05	1	TAL BUF	RAS
P:5030C	MB 480-191393/8		480-191393		07/07/2014 12:41	1	TAL BUF	NQN
A:8260C	MB 480-191393/8		480-191393		07/07/2014 12:41	1	TAL BUF	NQN
A:8260C	MB 480-191487/7		480-191487		07/07/2014 23:27	1	TAL BUF	RAS
P:5030C	MB 480-192459/7		480-192459		07/12/2014 00:04	1	TAL BUF	GTG
A:8260C	MB 480-192459/7		480-192459		07/12/2014 00:04	1	TAL BUF	GTG
P:5030C	MB 480-192725/10		480-192725		07/14/2014 20:14	1	TAL BUF	CxM
A:8260C	MB 480-192725/10		480-192725		07/14/2014 20:14	1	TAL BUF	CxM

Lab ID: LB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LB 480-190958/1-A		480-191393		07/07/2014 18:57	10	TAL BUF	NQN
A:8260C	LB 480-190958/1-A		480-191393		07/07/2014 18:57	10	TAL BUF	NQN

Client: New York State D.E.C. Job Number: 480-62518-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260C	LCS 480-190420/7		480-190420		06/28/2014 11:39	1	TAL BUF	RAS
P:5030C	LCS 480-191393/6		480-191393		07/07/2014 11:56	1	TAL BUF	NQN
A:8260C	LCS 480-191393/6		480-191393		07/07/2014 11:56	1	TAL BUF	NQN
A:8260C	LCS 480-191487/6		480-191487		07/07/2014 23:01	1	TAL BUF	RAS
P:5030C	LCS 480-192459/4		480-192459		07/11/2014 23:17	1	TAL BUF	GTG
A:8260C	LCS 480-192459/4		480-192459		07/11/2014 23:17	1	TAL BUF	GTG
P:5030C	LCS 480-192725/7		480-192725		07/14/2014 19:01	1	TAL BUF	CxM
A:8260C	LCS 480-192725/7		480-192725		07/14/2014 19:01	1	TAL BUF	CxM

Lab References:
TAL BUF = TestAmerica Buffalo

Method 8260C

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Solid Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-1 8-10'	480-62518-1	103	103	98	102
SB-2 12-16'	480-62518-2	107	104	99	105
SB-2 8-10'	480-62518-3	105	104	99	104
SB-3 6'	480-62518-4	102	100	97	104
SB-4 4-10'	480-62518-5	101	100	103	105
SB-5 7'	480-62605-1	107	102	97	100
SB-6 8'	480-62605-2	107	104	98	99
SB-7 8'	480-62605-3	106	101	98	98
SB-8 10'	480-62605-4	108	103	99	99
	MB 480-190420/8	97	92	96	102
	MB 480-191487/7	103	96	98	99
	LCS 480-190420/7	96	103	99	106
	LCS 480-191487/6	105	98	99	101
SB-7 8' MS	480-62605-3 MS	105	92	99	99
SB-7 8' MSD	480-62605-3 MSD	107	93	99	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	60-140
DCA = 1,2-Dichloroethane-d4 (Surr)	64-126
TOL = Toluene-d8 (Surr)	71-125
BFB = 4-Bromofluorobenzene (Surr)	72-126

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Solid (TCLP) Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Drums	480-63021-1	95	102	101	96
	MB 480-191393/8	93	101	102	94
	LB 480-190958/1-A	93	102	100	94
	LCS 480-191393/6	99	101	99	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	60-140
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 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-6	480-63231-1	102	106	97	97
MW-1403	480-63231-2	100	107	99	93
MW-1402	480-63231-3	103	108	98	92
MW-1401	480-63231-4	104	108	99	96
MW-1404	480-63231-5	104	113	99	96
MW-1405	480-63231-6	103	109	100	98
MW-1406	480-63231-7	103	110	97	95
MW-1407	480-63231-8	104	110	99	97
MW-1408	480-63231-9	99	105	101	98
DUP	480-63231-10	105	110	101	96
	MB 480-192459/7	106	107	98	94
	MB 480-192725/10	101	107	100	94
	LCS 480-192459/4	105	109	100	100
	LCS 480-192725/7	106	107	99	100
MW-1407 MS	480-63231-8 MS	107	112	99	97
MW-1407 MSD	480-63231-8 MSD	104	107	98	98

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	60-140
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 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F9561.D

Lab ID: LCS 480-190420/7 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	50.0	44.7	89	73-126	
1,1-Dichloroethene	50.0	53.1	106	59-125	
1,2-Dichlorobenzene	50.0	45.7	91	75-120	
1,2-Dichloroethane	50.0	44.6	89	77-122	
Benzene	50.0	42.8	86	79-127	
Chlorobenzene	50.0	43.8	88	76-124	
cis-1,2-Dichloroethene	50.0	46.1	92	81-117	
Ethylbenzene	50.0	43.4	87	80-120	
Methyl tert-butyl ether	50.0	50.3	101	63-125	
Tetrachloroethene	50.0	49.1	98	74-122	
Toluene	50.0	43.6	87	74-128	
trans-1,2-Dichloroethene	50.0	46.5	93	78-126	
Trichloroethene	50.0	44.2	88	77-129	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Water Level: Low Lab File ID: S39969.D

Lab ID: LCS 480-191393/6 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0250	0.0251	101	58-121	
1,2-Dichloroethane	0.0250	0.0247	99	75-127	
Benzene	0.0250	0.0242	97	71-124	
Chlorobenzene	0.0250	0.0245	98	72-120	
Tetrachloroethene	0.0250	0.0251	100	74-122	
Trichloroethene	0.0250	0.0247	99	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F9728.D

Lab ID: LCS 480-191487/6 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	50.0	49.3	99	73-126	
1,1-Dichloroethene	50.0	51.6	103	59-125	
1,2-Dichlorobenzene	50.0	50.9	102	75-120	
1,2-Dichloroethane	50.0	49.6	99	77-122	
Benzene	50.0	50.6	101	79-127	
Chlorobenzene	50.0	52.3	105	76-124	
cis-1,2-Dichloroethene	50.0	51.8	104	81-117	
Ethylbenzene	50.0	53.7	107	80-120	
Methyl tert-butyl ether	50.0	53.5	107	63-125	
Tetrachloroethene	50.0	55.7	111	74-122	
Toluene	50.0	52.7	105	74-128	
trans-1,2-Dichloroethene	50.0	51.9	104	78-126	
Trichloroethene	50.0	53.0	106	77-129	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T3209.D

Lab ID: LCS 480-192459/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	24.6	98	71-129	
1,1-Dichloroethene	25.0	21.7	87	58-121	
1,2-Dichlorobenzene	25.0	24.0	96	80-124	
1,2-Dichloroethane	25.0	25.4	102	75-127	
Benzene	25.0	23.4	94	71-124	
Chlorobenzene	25.0	23.6	94	72-120	
cis-1,2-Dichloroethene	25.0	23.1	92	74-124	
Ethylbenzene	25.0	23.5	94	77-123	
Methyl tert-butyl ether	25.0	24.1	96	64-127	
Tetrachloroethene	25.0	22.6	90	74-122	
Toluene	25.0	23.0	92	80-122	
trans-1,2-Dichloroethene	25.0	22.6	90	73-127	
Trichloroethene	25.0	23.2	93	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T3256.D

Lab ID: LCS 480-192725/7 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	24.5	98	71-129	
1,1-Dichloroethene	25.0	21.2	85	58-121	
1,2-Dichlorobenzene	25.0	24.1	96	80-124	
1,2-Dichloroethane	25.0	25.8	103	75-127	
Benzene	25.0	23.5	94	71-124	
Chlorobenzene	25.0	23.4	94	72-120	
cis-1,2-Dichloroethene	25.0	22.7	91	74-124	
Ethylbenzene	25.0	23.3	93	77-123	
Methyl tert-butyl ether	25.0	23.3	93	64-127	
Tetrachloroethene	25.0	22.9	91	74-122	
Toluene	25.0	22.3	89	80-122	
trans-1,2-Dichloroethene	25.0	22.0	88	73-127	
Trichloroethene	25.0	23.4	93	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F9741.D

Lab ID: 480-62605-3 MS Client ID: SB-7 8' MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	50.8	ND	44.7	88	73-126	
1,1-Dichloroethene	50.8	ND	44.9	88	59-125	
1,2-Dichlorobenzene	50.8	ND	45.4	89	75-120	
1,2-Dichloroethane	50.8	ND	43.3	85	77-122	
Benzene	50.8	ND	45.4	89	79-127	
Chlorobenzene	50.8	ND	46.8	92	76-124	
cis-1,2-Dichloroethene	50.8	ND	46.4	91	81-117	
Ethylbenzene	50.8	ND	47.0	93	80-120	
Methyl tert-butyl ether	50.8	ND	45.5	90	63-125	
Tetrachloroethene	50.8	8.3	49.6	81	74-122	
Toluene	50.8	ND	46.6	92	74-128	
trans-1,2-Dichloroethene	50.8	ND	45.6	90	78-126	
Trichloroethene	50.8	ND	46.8	92	77-129	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T3229.D

Lab ID: 480-63231-8 MS Client ID: MW-1407 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	ND	30.3	121	71-129	
1,1-Dichloroethene	25.0	ND	28.6	114	58-121	
1,2-Dichlorobenzene	25.0	ND	28.1	112	80-124	
1,2-Dichloroethane	25.0	ND	29.9	120	75-127	
Benzene	25.0	ND	28.4	114	71-124	
Chlorobenzene	25.0	ND	27.5	110	72-120	
cis-1,2-Dichloroethene	25.0	ND	29.5	118	74-124	
Ethylbenzene	25.0	ND	28.1	113	77-123	
Methyl tert-butyl ether	25.0	ND	27.6	111	64-127	
Tetrachloroethene	25.0	37	66.3	116	74-122	
Toluene	25.0	ND	27.0	108	80-122	
trans-1,2-Dichloroethene	25.0	ND	27.9	111	73-127	
Trichloroethene	25.0	0.53 J	29.7	117	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F9742.D

Lab ID: 480-62605-3 MSD Client ID: SB-7 8' MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethane	40.8	35.2	86	24	30	73-126	
1,1-Dichloroethene	40.8	33.4	82	29	30	59-125	
1,2-Dichlorobenzene	40.8	35.9	88	23	30	75-120	
1,2-Dichloroethane	40.8	35.3	87	20	30	77-122	
Benzene	40.8	35.7	88	24	30	79-127	
Chlorobenzene	40.8	36.7	90	24	30	76-124	
cis-1,2-Dichloroethene	40.8	36.5	90	24	30	81-117	
Ethylbenzene	40.8	36.7	90	25	30	80-120	
Methyl tert-butyl ether	40.8	37.7	93	19	30	63-125	
Tetrachloroethene	40.8	40.9	80	19	30	74-122	
Toluene	40.8	36.5	90	24	30	74-128	
trans-1,2-Dichloroethene	40.8	35.5	87	25	30	78-126	
Trichloroethene	40.8	36.5	90	25	30	77-129	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T3230.D

Lab ID: 480-63231-8 MSD Client ID: MW-1407 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethane	25.0	29.5	118	3	20	71-129	
1,1-Dichloroethene	25.0	27.6	110	4	16	58-121	
1,2-Dichlorobenzene	25.0	27.0	108	4	20	80-124	
1,2-Dichloroethane	25.0	29.6	118	1	20	75-127	
Benzene	25.0	27.6	110	3	13	71-124	
Chlorobenzene	25.0	27.3	109	1	25	72-120	
cis-1,2-Dichloroethene	25.0	28.1	112	5	15	74-124	
Ethylbenzene	25.0	27.8	111	1	15	77-123	
Methyl tert-butyl ether	25.0	27.5	110	0	37	64-127	
Tetrachloroethene	25.0	66.7	118	1	20	74-122	
Toluene	25.0	26.6	107	1	15	80-122	
trans-1,2-Dichloroethene	25.0	27.3	109	2	20	73-127	
Trichloroethene	25.0	29.1	114	2	16	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: F9562.D Lab Sample ID: MB 480-190420/8

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

Instrument ID: HP5973F Date Analyzed: 06/28/2014 12:05

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 480-190420/7	F9561.D	06/28/2014 11:39
SB-1 8-10'	480-62518-1	F9568.D	06/28/2014 14:50
SB-2 12-16'	480-62518-2	F9569.D	06/28/2014 15:16
SB-2 8-10'	480-62518-3	F9570.D	06/28/2014 15:42
SB-3 6'	480-62518-4	F9571.D	06/28/2014 16:08
SB-4 4-10'	480-62518-5	F9572.D	06/28/2014 16:34

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: F9729.D Lab Sample ID: MB 480-191487/7

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

Instrument ID: HP5973F Date Analyzed: 07/07/2014 23:27

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 480-191487/6	F9728.D	07/07/2014 23:01
SB-5 7'	480-62605-1	F9738.D	07/08/2014 04:00
SB-6 8'	480-62605-2	F9739.D	07/08/2014 04:26
SB-7 8'	480-62605-3	F9740.D	07/08/2014 04:52
SB-7 8' MS	480-62605-3 MS	F9741.D	07/08/2014 05:17
SB-7 8' MSD	480-62605-3 MSD	F9742.D	07/08/2014 05:43
SB-8 10'	480-62605-4	F9743.D	07/08/2014 06:09

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: S39971.D Lab Sample ID: MB 480-191393/8

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

Instrument ID: HP5973S Date Analyzed: 07/07/2014 12:41

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 480-191393/6	S39969.D	07/07/2014 11:56
	LB 480-190958/1-A	S39988.D	07/07/2014 18:57
Drums	480-63021-1	S39990.D	07/07/2014 19:41

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: T3212.D Lab Sample ID: MB 480-192459/7

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

Instrument ID: HP5975T Date Analyzed: 07/12/2014 00:04

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 480-192459/4	T3209.D	07/11/2014 23:17
MW-6	480-63231-1	T3221.D	07/12/2014 03:50
MW-1403	480-63231-2	T3222.D	07/12/2014 04:14
MW-1402	480-63231-3	T3223.D	07/12/2014 04:38
MW-1401	480-63231-4	T3224.D	07/12/2014 05:01
MW-1404	480-63231-5	T3225.D	07/12/2014 05:26
MW-1405	480-63231-6	T3226.D	07/12/2014 05:49
MW-1406	480-63231-7	T3227.D	07/12/2014 06:13
MW-1407	480-63231-8	T3228.D	07/12/2014 06:37
MW-1407 MS	480-63231-8 MS	T3229.D	07/12/2014 07:01
MW-1407 MSD	480-63231-8 MSD	T3230.D	07/12/2014 07:25

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: T3259.D Lab Sample ID: MB 480-192725/10

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

Instrument ID: HP5975T Date Analyzed: 07/14/2014 20:14

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 480-192725/7	T3256.D	07/14/2014 19:01
MW-1408	480-63231-9	T3260.D	07/14/2014 20:53
DUP	480-63231-10	T3261.D	07/14/2014 21:17

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: F9378.D BFB Injection Date: 06/22/2014

Instrument ID: HP5973F BFB Injection Time: 23:37

Analysis Batch No.: 189174

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.3	
75	30.0 - 60.0 % of mass 95	46.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	93.3	
175	5.0 - 9.0 % of mass 174	6.1	(6.5)1
176	95.0 - 101.0 % of mass 174	90.7	(97.3)1
177	5.0 - 9.0 % of mass 176	5.5	(6.1)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 480-189174/5	F9380.D	06/23/2014	00:33
	IC 480-189174/6	F9381.D	06/23/2014	00:58
	IC 480-189174/7	F9382.D	06/23/2014	01:24
	IC 480-189174/8	F9383.D	06/23/2014	01:50
	ICIS 480-189174/9	F9384.D	06/23/2014	02:16
	IC 480-189174/10	F9385.D	06/23/2014	02:42
	IC 480-189174/11	F9386.D	06/23/2014	03:08

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: F9557.D BFB Injection Date: 06/28/2014

Instrument ID: HP5973F BFB Injection Time: 09:45

Analysis Batch No.: 190420

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.0	
75	30.0 - 60.0 % of mass 95	47.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	97.2	
175	5.0 - 9.0 % of mass 174	6.6	(6.8)1
176	95.0 - 101.0 % of mass 174	94.3	(97.0)1
177	5.0 - 9.0 % of mass 176	7.2	(7.6)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
	CCVIS 480-190420/3	F9558.D	06/28/2014	10:11
	LCS 480-190420/7	F9561.D	06/28/2014	11:39
	MB 480-190420/8	F9562.D	06/28/2014	12:05
SB-1 8-10'	480-62518-1	F9568.D	06/28/2014	14:50
SB-2 12-16'	480-62518-2	F9569.D	06/28/2014	15:16
SB-2 8-10'	480-62518-3	F9570.D	06/28/2014	15:42
SB-3 6'	480-62518-4	F9571.D	06/28/2014	16:08
SB-4 4-10'	480-62518-5	F9572.D	06/28/2014	16:34

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: F9666.D BFB Injection Date: 07/02/2014

Instrument ID: HP5973F BFB Injection Time: 16:48

Analysis Batch No.: 191084

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.0	
75	30.0 - 60.0 % of mass 95	47.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	81.4	
175	5.0 - 9.0 % of mass 174	5.0	(6.2)1
176	95.0 - 101.0 % of mass 174	78.4	(96.4)1
177	5.0 - 9.0 % of mass 176	5.3	(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 480-191084/3	F9668.D	07/02/2014	17:44
	IC 480-191084/4	F9669.D	07/02/2014	18:10
	IC 480-191084/5	F9670.D	07/02/2014	18:36
	IC 480-191084/6	F9671.D	07/02/2014	19:01
	ICIS 480-191084/7	F9672.D	07/02/2014	19:27
	IC 480-191084/8	F9673.D	07/02/2014	19:53
	IC 480-191084/9	F9674.D	07/02/2014	20:18

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: F9725.D BFB Injection Date: 07/07/2014

Instrument ID: HP5973F BFB Injection Time: 21:26

Analysis Batch No.: 191487

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	49.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	90.4	
175	5.0 - 9.0 % of mass 174	6.2	(6.9)1
176	95.0 - 101.0 % of mass 174	86.5	(95.7)1
177	5.0 - 9.0 % of mass 176	5.5	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-191487/3	F9726.D	07/07/2014	21:54
	LCS 480-191487/6	F9728.D	07/07/2014	23:01
	MB 480-191487/7	F9729.D	07/07/2014	23:27
SB-5 7'	480-62605-1	F9738.D	07/08/2014	04:00
SB-6 8'	480-62605-2	F9739.D	07/08/2014	04:26
SB-7 8'	480-62605-3	F9740.D	07/08/2014	04:52
SB-7 8' MS	480-62605-3 MS	F9741.D	07/08/2014	05:17
SB-7 8' MSD	480-62605-3 MSD	F9742.D	07/08/2014	05:43
SB-8 10'	480-62605-4	F9743.D	07/08/2014	06:09

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: S39777.D BFB Injection Date: 06/27/2014

Instrument ID: HP5973S BFB Injection Time: 18:59

Analysis Batch No.: 190357

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.9	
75	30.0 - 60.0 % of mass 95	51.0	
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	0.2	(0.2)1
174	50.0 - 120.00 % of mass 95	79.7	
175	5.0 - 9.0 % of mass 174	6.2	(7.8)1
176	95.0 - 101.0 % of mass 174	79.9	(100.3)1
177	5.0 - 9.0 % of mass 176	5.6	(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
	IC 480-190357/6	S39779.D	06/27/2014	19:46
	IC 480-190357/7	S39780.D	06/27/2014	20:08
	IC 480-190357/8	S39781.D	06/27/2014	20:31
	IC 480-190357/9	S39782.D	06/27/2014	20:53
	ICIS 480-190357/10	S39783.D	06/27/2014	21:16
	IC 480-190357/11	S39784.D	06/27/2014	21:38
	IC 480-190357/12	S39785.D	06/27/2014	22:01

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: S39965.D BFB Injection Date: 07/07/2014

Instrument ID: HP5973S BFB Injection Time: 10:14

Analysis Batch No.: 191393

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.6	
75	30.0 - 60.0 % of mass 95	52.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	81.3	
175	5.0 - 9.0 % of mass 174	6.0	(7.3)1
176	95.0 - 101.0 % of mass 174	81.3	(100.0)1
177	5.0 - 9.0 % of mass 176	5.2	(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 480-191393/3	S39966.D	07/07/2014	10:38
	LCS 480-191393/6	S39969.D	07/07/2014	11:56
	MB 480-191393/8	S39971.D	07/07/2014	12:41
	LB 480-190958/1-A	S39988.D	07/07/2014	18:57
Drums	480-63021-1	S39990.D	07/07/2014	19:41

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: T2719.D BFB Injection Date: 06/27/2014

Instrument ID: HP5975T BFB Injection Time: 13:16

Analysis Batch No.: 190242

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.0	
75	30.0 - 60.0 % of mass 95	49.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	78.5	
175	5.0 - 9.0 % of mass 174	5.4	(6.9)1
176	95.0 - 101.0 % of mass 174	78.2	(99.6)1
177	5.0 - 9.0 % of mass 176	5.0	(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 480-190242/8	T2721.D	06/27/2014	14:16
	IC 480-190242/9	T2722.D	06/27/2014	14:39
	IC 480-190242/10	T2723.D	06/27/2014	15:03
	IC 480-190242/11	T2724.D	06/27/2014	15:27
	ICIS 480-190242/12	T2725.D	06/27/2014	15:51
	IC 480-190242/13	T2726.D	06/27/2014	16:15
	IC 480-190242/14	T2727.D	06/27/2014	16:39

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: T3206.D BFB Injection Date: 07/11/2014

Instrument ID: HP5975T BFB Injection Time: 22:03

Analysis Batch No.: 192459

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	33.1	
75	30.0 - 60.0 % of mass 95	57.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.9	(1.1)1
174	50.0 - 120.00 % of mass 95	82.3	
175	5.0 - 9.0 % of mass 174	6.4	(7.7)1
176	95.0 - 101.0 % of mass 174	81.4	(98.9)1
177	5.0 - 9.0 % of mass 176	5.2	(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 480-192459/2	T3207.D	07/11/2014	22:29
	LCS 480-192459/4	T3209.D	07/11/2014	23:17
	MB 480-192459/7	T3212.D	07/12/2014	00:04
MW-6	480-63231-1	T3221.D	07/12/2014	03:50
MW-1403	480-63231-2	T3222.D	07/12/2014	04:14
MW-1402	480-63231-3	T3223.D	07/12/2014	04:38
MW-1401	480-63231-4	T3224.D	07/12/2014	05:01
MW-1404	480-63231-5	T3225.D	07/12/2014	05:26
MW-1405	480-63231-6	T3226.D	07/12/2014	05:49
MW-1406	480-63231-7	T3227.D	07/12/2014	06:13
MW-1407	480-63231-8	T3228.D	07/12/2014	06:37
MW-1407 MS	480-63231-8 MS	T3229.D	07/12/2014	07:01
MW-1407 MSD	480-63231-8 MSD	T3230.D	07/12/2014	07:25

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab File ID: T3251.D BFB Injection Date: 07/14/2014

Instrument ID: HP5975T BFB Injection Time: 17:41

Analysis Batch No.: 192725

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	29.1	
75	30.0 - 60.0 % of mass 95	54.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.8	(1.0)1
174	50.0 - 120.00 % of mass 95	79.9	
175	5.0 - 9.0 % of mass 174	6.6	(8.2)1
176	95.0 - 101.0 % of mass 174	80.6	(100.9)1
177	5.0 - 9.0 % of mass 176	5.6	(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 480-192725/5	T3254.D	07/14/2014	18:13
	LCS 480-192725/7	T3256.D	07/14/2014	19:01
	MB 480-192725/10	T3259.D	07/14/2014	20:14
MW-1408	480-63231-9	T3260.D	07/14/2014	20:53
DUP	480-63231-10	T3261.D	07/14/2014	21:17

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Sample No.: ICIS 480-189174/9 Date Analyzed: 06/23/2014 02:16

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): F9384.D Heated Purge: (Y/N) N

Calibration ID: 19060

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		77476	5.47	179768	8.30	195627	10.63
UPPER LIMIT		154952	5.97	359536	8.80	391254	11.13
LOWER LIMIT		38738	4.97	89884	7.80	97814	10.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-190420/3		66623	5.47	158327	8.30	167138	10.63

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Sample No.: CCVIS 480-190420/3 Date Analyzed: 06/28/2014 10:11

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): F9558.D Heated Purge: (Y/N) N

Calibration ID: 19066

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		66623	5.47	158327	8.30	167138	10.63
UPPER LIMIT		133246	5.97	316654	8.80	334276	11.13
LOWER LIMIT		33312	4.97	79164	7.80	83569	10.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-190420/7		70983	5.47	161056	8.30	172867	10.63
MB 480-190420/8		64032	5.47	153148	8.30	165738	10.63
480-62518-1	SB-1 8-10'	65051	5.47	161913	8.30	167828	10.63
480-62518-2	SB-2 12-16'	59141	5.47	156434	8.30	173272	10.63
480-62518-3	SB-2 8-10'	62678	5.48	147643	8.30	153569	10.63
480-62518-4	SB-3 6'	66150	5.47	162919	8.30	174354	10.63
480-62518-5	SB-4 4-10'	61719	5.48	151660	8.30	159559	10.63

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Sample No.: ICIS 480-191084/7 Date Analyzed: 07/02/2014 19:27

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): F9672.D Heated Purge: (Y/N) N

Calibration ID: 19203

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		234575	5.47	469434	8.30	457386	10.63
UPPER LIMIT		469150	5.97	938868	8.80	914772	11.13
LOWER LIMIT		117288	4.97	234717	7.80	228693	10.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-191487/3		199127	5.47	392827	8.30	394442	10.63

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Sample No.: CCVIS 480-191487/3 Date Analyzed: 07/07/2014 21:54

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): F9726.D Heated Purge: (Y/N) N

Calibration ID: 19206

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		199127	5.47	392827	8.30	394442	10.63
UPPER LIMIT		398254	5.97	785654	8.80	788884	11.13
LOWER LIMIT		99564	4.97	196414	7.80	197221	10.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-191487/6		199244	5.47	395775	8.30	404131	10.63
MB 480-191487/7		195906	5.47	391421	8.30	374339	10.63
480-62605-1	SB-5 7'	193066	5.47	394697	8.30	383956	10.63
480-62605-2	SB-6 8'	190995	5.47	387373	8.30	369047	10.63
480-62605-3	SB-7 8'	191879	5.47	383560	8.30	363253	10.63
480-62605-3 MS	SB-7 8' MS	192657	5.47	384776	8.30	379469	10.63
480-62605-3 MSD	SB-7 8' MSD	192323	5.47	386175	8.30	385571	10.63
480-62605-4	SB-8 10'	186711	5.47	377624	8.30	354659	10.63

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Sample No.: CCVIS 480-191393/3 Date Analyzed: 07/07/2014 10:38

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): S39966.D Heated Purge: (Y/N) N

Calibration ID: 19173

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		214985	4.53	430957	6.82	408759	8.70
UPPER LIMIT		429970	5.03	861914	7.32	817518	9.20
LOWER LIMIT		107493	4.03	215479	6.32	204380	8.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-191393/6		194469	4.53	396225	6.82	371828	8.70
MB 480-191393/8		194438	4.53	373745	6.82	313703	8.70
LB 480-190958/1-A		201064	4.53	393625	6.82	330408	8.70
480-63021-1	Drums	200589	4.53	390743	6.82	321084	8.70

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Sample No.: ICIS 480-190242/12 Date Analyzed: 06/27/2014 15:51

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): T2725.D Heated Purge: (Y/N) N

Calibration ID: 19161

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		601471	4.34	447660	6.64	238937	8.49
UPPER LIMIT		1202942	4.84	895320	7.14	477874	8.99
LOWER LIMIT		300736	3.84	223830	6.14	119469	7.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-192459/2		455809	4.34	345564	6.64	185940	8.49
CCVIS 480-192725/5		473514	4.34	354746	6.63	189852	8.49

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Sample No.: CCVIS 480-192459/2 Date Analyzed: 07/11/2014 22:29

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): T3207.D Heated Purge: (Y/N) N

Calibration ID: 19164

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		455809	4.34	345564	6.64	185940	8.49
UPPER LIMIT		911618	4.84	691128	7.14	371880	8.99
LOWER LIMIT		227905	3.84	172782	6.14	92970	7.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-192459/4		459899	4.34	348867	6.64	186021	8.49
MB 480-192459/7		434575	4.34	337307	6.64	158883	8.49
480-63231-1	MW-6	423498	4.34	326268	6.64	155324	8.49
480-63231-2	MW-1403	430700	4.34	327908	6.64	156109	8.49
480-63231-3	MW-1402	427410	4.34	335580	6.64	153227	8.49
480-63231-4	MW-1401	429128	4.34	320611	6.64	156254	8.49
480-63231-5	MW-1404	415648	4.34	319163	6.64	157179	8.49
480-63231-6	MW-1405	422847	4.34	314542	6.64	156406	8.49
480-63231-7	MW-1406	427815	4.34	324744	6.64	156081	8.49
480-63231-8	MW-1407	415548	4.34	329155	6.64	154419	8.49
480-63231-8 MS	MW-1407 MS	431889	4.34	349609	6.64	180928	8.49
480-63231-8 MSD	MW-1407 MSD	454956	4.34	357914	6.64	188401	8.49

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Sample No.: CCVIS 480-192725/5 Date Analyzed: 07/14/2014 18:13

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): T3254.D Heated Purge: (Y/N) N

Calibration ID: 19164

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		473514	4.34	354746	6.63	189852	8.49
UPPER LIMIT		947028	4.84	709492	7.13	379704	8.99
LOWER LIMIT		236757	3.84	177373	6.13	94926	7.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-192725/7		466609	4.34	359102	6.64	187948	8.49
MB 480-192725/10		444664	4.34	336099	6.64	162735	8.49
480-63231-9	MW-1408	438368	4.34	336244	6.64	160465	8.49
480-63231-10	DUP	425075	4.34	325684	6.64	158117	8.49

FB = Fluorobenzene (IS)
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 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-1 8-10' | Lab Sample ID: 480-62518-1

Matrix: Solid | Lab File ID: F9568.D

Analysis Method: 8260C | Date Collected: 06/23/2014 10:20

Sample wt/vol: 6.212(g) | Date Analyzed: 06/28/2014 14:50

Soil Aliquot Vol: 5 (g) | Dilution Factor: 1

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

% Moisture: 19.6 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
78-93-3	2-Butanone (MEK)	ND	*	25	1.8
591-78-6	2-Hexanone	ND		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	27		25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	ND		5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	0.72
110-82-7	Cyclohexane	ND		5.0	0.70
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
100-41-4	Ethylbenzene	ND		5.0	0.35
106-93-4	1,2-Dibromoethane	ND		5.0	0.64
98-82-8	Isopropylbenzene	ND		5.0	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-1 8-10' | Lab Sample ID: 480-62518-1

Matrix: Solid | Lab File ID: F9568.D

Analysis Method: 8260C | Date Collected: 06/23/2014 10:20

Sample wt/vol: 6.212(g) | Date Analyzed: 06/28/2014 14:50

Soil Aliquot Vol: 5 (g) | Dilution Factor: 1

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

% Moisture: 19.6 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	3.0
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.49
108-87-2	Methylcyclohexane	ND		5.0	0.76
75-09-2	Methylene Chloride	ND		5.0	2.3
100-42-5	Styrene	ND		5.0	0.25
127-18-4	Tetrachloroethene	ND		5.0	0.67
108-88-3	Toluene	ND		5.0	0.38
156-60-5	trans-1,2-Dichloroethene	ND		5.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	2.2
79-01-6	Trichloroethene	ND		5.0	1.1
75-69-4	Trichlorofluoromethane	ND		5.0	0.47
75-01-4	Vinyl chloride	ND		5.0	0.61
1330-20-7	Xylenes, Total	ND		10	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9568.D
Lims ID: 480-62518-A-1-A Lab Sample ID: 480-62518-1
Client ID: SB-1 8-10'
Sample Type: Client
Inject. Date: 28-Jun-2014 14:50:30 ALS Bottle#: 6 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62518-A-1-A
Misc. Info.: 480-0033377-014 =480-0033377-014
Operator ID: RAS Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 30-Jun-2014 11:37:52 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: sobolr Date: 30-Jun-2014 11:39:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.468	0.006	99	65051	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	80	161913	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	92	167828	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	57	88031	51.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	49983	51.3	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	91	349266	48.8	
$ 6 4-Bromofluorobenzene (Surr	174	9.514	9.514	0.000	94	123086	51.2	
10 Dichlorodifluoromethane	85		1.946				ND	
12 Chloromethane	50		2.104				ND	
13 Vinyl chloride	62		2.220				ND	
14 Bromomethane	94		2.512				ND	
15 Chloroethane	64		2.573				ND	
17 Trichlorofluoromethane	101		2.804				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169				ND	
22 1,1-Dichloroethene	96		3.199				ND	
23 Acetone	43	3.254	3.242	0.012	68	13417	27.1	
26 Carbon disulfide	76		3.406				ND	
27 Methyl acetate	43		3.461				ND	
30 Methylene Chloride	84		3.582				ND	
32 Methyl tert-butyl ether	73		3.728				ND	
34 trans-1,2-Dichloroethene	96		3.771				ND	
39 1,1-Dichloroethane	63		4.106				ND	
43 2-Butanone (MEK)	43		4.550				ND	
45 cis-1,2-Dichloroethene	96		4.562				ND	
50 Chloroform	83		4.799				ND	
51 1,1,1-Trichloroethane	97		4.951				ND	
52 Cyclohexane	56		4.976				ND	
55 Carbon tetrachloride	117		5.079				ND	
57 Benzene	78		5.255				ND	
58 1,2-Dichloroethane	62		5.292				ND	
1 1,4-Difluorobenzene	114		5.541				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
62 Trichloroethene	95		5.779				ND	
64 Methylcyclohexane	83		5.912				ND	
65 1,2-Dichloropropane	63		5.998				ND	
68 Dichlorobromomethane	83		6.241				ND	
72 cis-1,3-Dichloropropene	75		6.618				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722				ND	
74 Toluene	92		6.916				ND	
77 trans-1,3-Dichloropropene	75		7.135				ND	
79 1,1,2-Trichloroethane	83		7.336				ND	
81 Tetrachloroethene	166		7.439				ND	
80 2-Hexanone	43		7.512				ND	
83 Chlorodibromomethane	129		7.744				ND	
84 Ethylene Dibromide	107		7.877				ND	
87 Chlorobenzene	112		8.328				ND	
88 Ethylbenzene	91		8.388				ND	
90 m-Xylene & p-Xylene	106		8.504				ND	
91 o-Xylene	106		8.942				ND	
92 Styrene	104		8.960				ND	
95 Bromoform	173		9.234				ND	
94 Isopropylbenzene	105		9.301				ND	
97 1,1,2,2-Tetrachloroethane	83		9.678				ND	
111 1,3-Dichlorobenzene	146		10.566				ND	
113 1,4-Dichlorobenzene	146		10.646				ND	
116 1,2-Dichlorobenzene	146		10.992				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.668				ND	
119 1,2,4-Trichlorobenzene	180		12.312				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00242	Amount Added:	1.00	Units: uL	Run Reagent

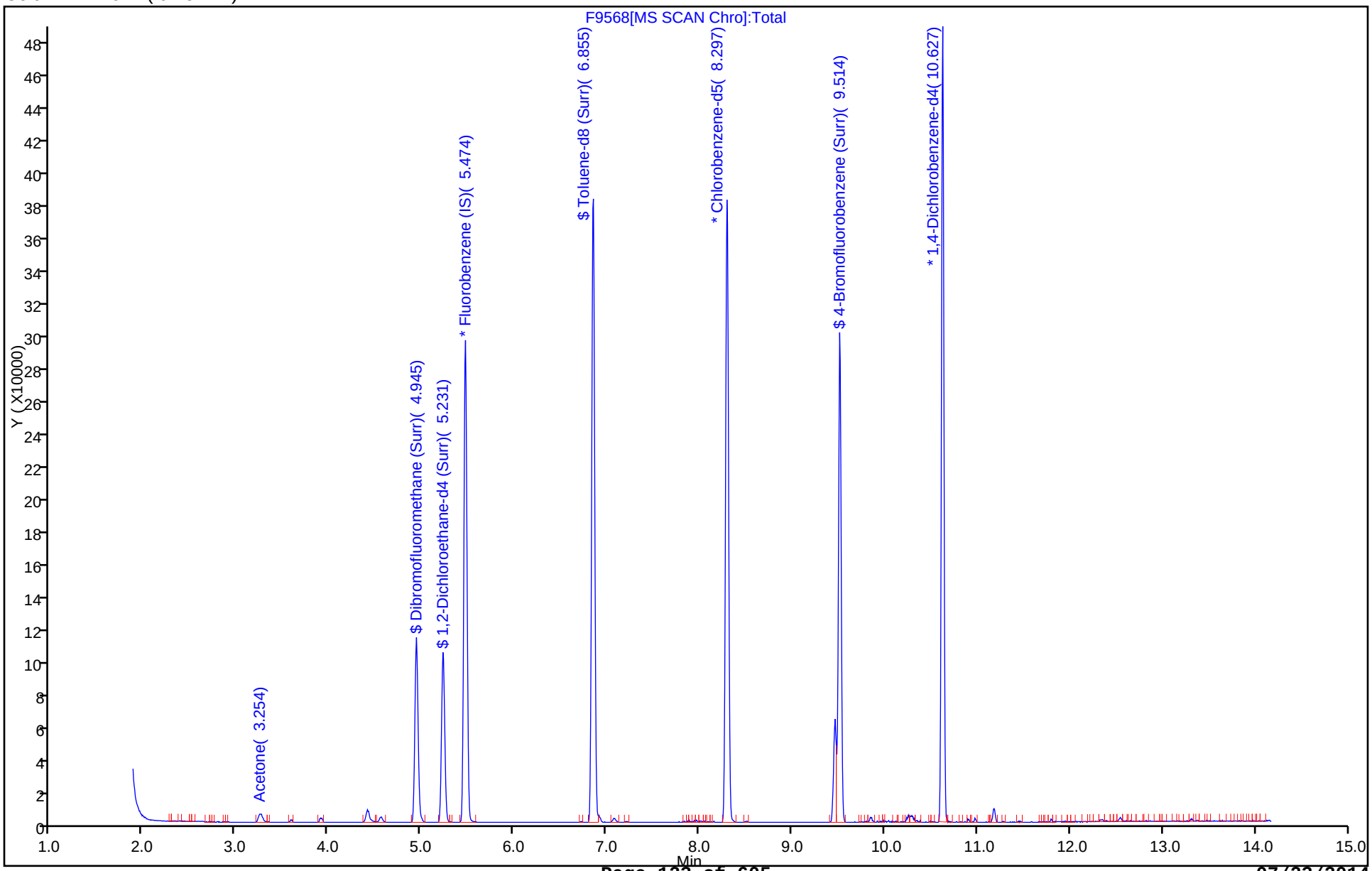
Report Date: 30-Jun-2014 11:39:05 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9568.D

Injection Date:	28-Jun-2014 14:50:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	480-62518-A-1-A	Lab Sample ID:	480-62518-1	Worklist Smp#:	14
Client ID:	SB-1 8-10'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



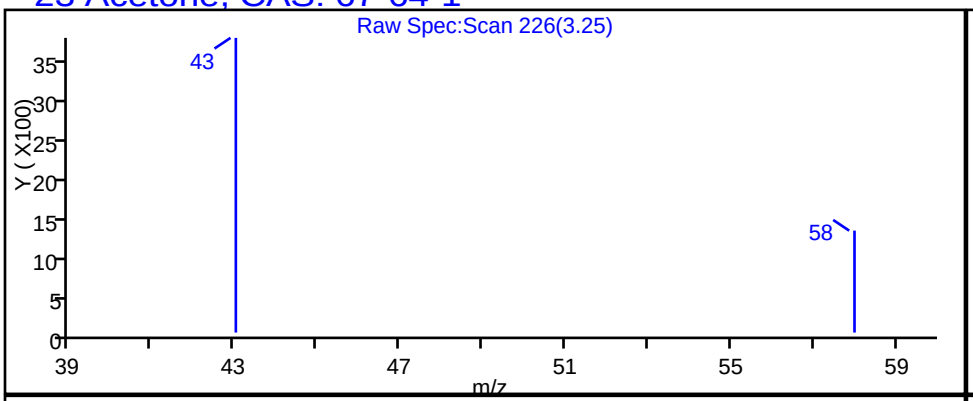
Report Date: 30-Jun-2014 11:39:05 Chrom Revision: 2.2 24-Jun-2014 07:21:42

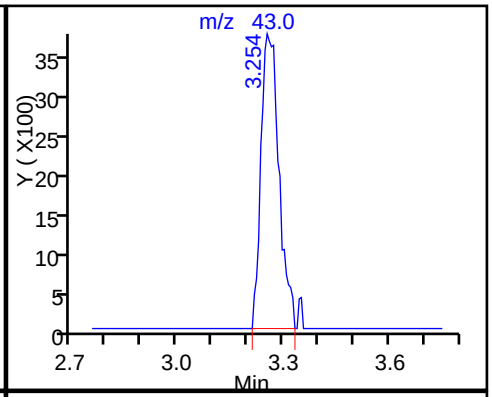
TestAmerica Buffalo

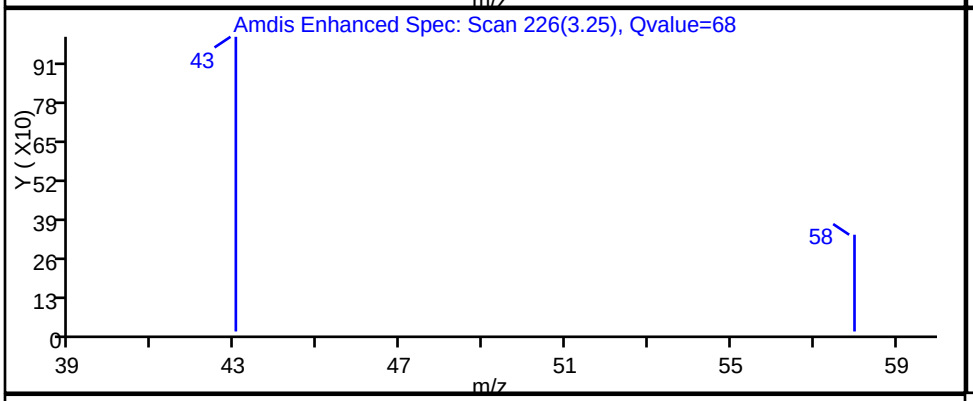
Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9568.D

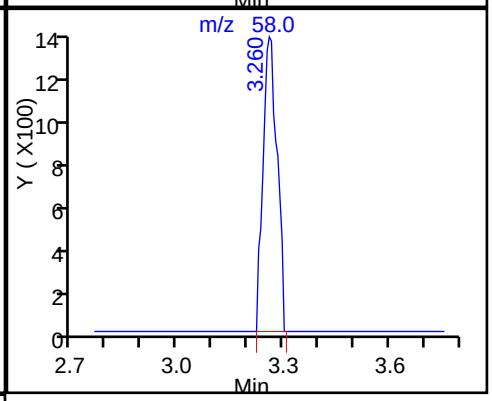
Injection Date:	28-Jun-2014 14:50:30	Instrument ID:	HP5973F
Lims ID:	480-62518-A-1-A	Lab Sample ID:	480-62518-1
Client ID:	SB-1 8-10'		
Operator ID:	RAS	ALS Bottle#:	6 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

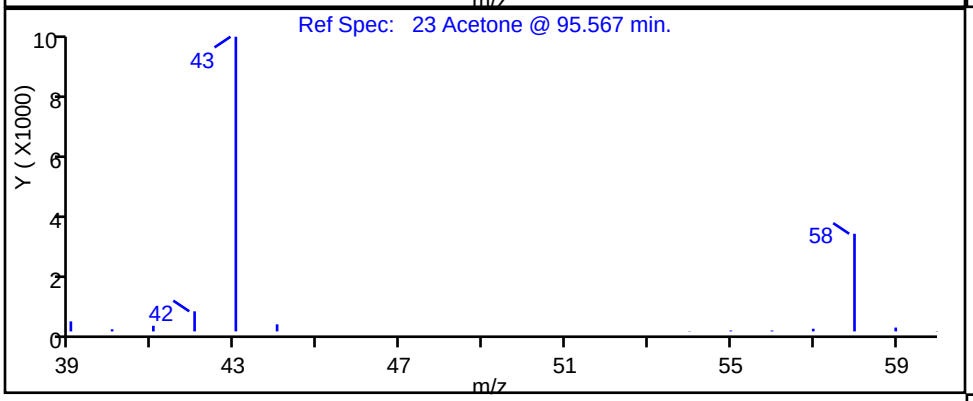
23 Acetone, CAS: 67-64-1

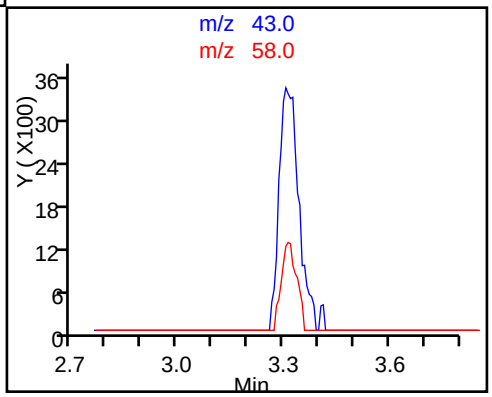












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-2 12-16' | Lab Sample ID: 480-62518-2

Matrix: Solid | Lab File ID: F9569.D

Analysis Method: 8260C | Date Collected: 06/23/2014 12:00

Sample wt/vol: 6.435(g) | Date Analyzed: 06/28/2014 15:16

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.6	0.33
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.6	0.75
79-00-5	1,1,2-Trichloroethane	ND		4.6	0.60
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6	1.0
75-34-3	1,1-Dichloroethane	ND		4.6	0.56
75-35-4	1,1-Dichloroethene	ND		4.6	0.56
120-82-1	1,2,4-Trichlorobenzene	ND		4.6	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.6	2.3
95-50-1	1,2-Dichlorobenzene	ND		4.6	0.36
107-06-2	1,2-Dichloroethane	ND		4.6	0.23
78-87-5	1,2-Dichloropropane	ND		4.6	2.3
541-73-1	1,3-Dichlorobenzene	ND		4.6	0.24
106-46-7	1,4-Dichlorobenzene	ND		4.6	0.64
78-93-3	2-Butanone (MEK)	ND	*	23	1.7
591-78-6	2-Hexanone	ND		23	2.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		23	1.5
67-64-1	Acetone	ND		23	3.9
71-43-2	Benzene	ND		4.6	0.23
75-27-4	Bromodichloromethane	ND		4.6	0.62
75-25-2	Bromoform	ND		4.6	2.3
74-83-9	Bromomethane	ND		4.6	0.41
75-15-0	Carbon disulfide	ND		4.6	2.3
56-23-5	Carbon tetrachloride	ND		4.6	0.44
108-90-7	Chlorobenzene	ND		4.6	0.61
124-48-1	Dibromochloromethane	ND		4.6	0.59
75-00-3	Chloroethane	ND		4.6	1.0
67-66-3	Chloroform	ND		4.6	0.28
74-87-3	Chloromethane	ND		4.6	0.28
156-59-2	cis-1,2-Dichloroethene	ND		4.6	0.59
10061-01-5	cis-1,3-Dichloropropene	ND		4.6	0.66
110-82-7	Cyclohexane	ND		4.6	0.64
75-71-8	Dichlorodifluoromethane	ND		4.6	0.38
100-41-4	Ethylbenzene	ND		4.6	0.32
106-93-4	1,2-Dibromoethane	ND		4.6	0.59
98-82-8	Isopropylbenzene	ND		4.6	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-2 12-16' | Lab Sample ID: 480-62518-2

Matrix: Solid | Lab File ID: F9569.D

Analysis Method: 8260C | Date Collected: 06/23/2014 12:00

Sample wt/vol: 6.435(g) | Date Analyzed: 06/28/2014 15:16

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		4.6	2.8
1634-04-4	Methyl tert-butyl ether	ND		4.6	0.45
108-87-2	Methylcyclohexane	ND		4.6	0.70
75-09-2	Methylene Chloride	ND		4.6	2.1
100-42-5	Styrene	ND		4.6	0.23
127-18-4	Tetrachloroethene	42		4.6	0.62
108-88-3	Toluene	ND		4.6	0.35
156-60-5	trans-1,2-Dichloroethene	ND		4.6	0.47
10061-02-6	trans-1,3-Dichloropropene	ND		4.6	2.0
79-01-6	Trichloroethene	ND		4.6	1.0
75-69-4	Trichlorofluoromethane	ND		4.6	0.43
75-01-4	Vinyl chloride	ND		4.6	0.56
1330-20-7	Xylenes, Total	ND		9.2	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
1868-53-7	Dibromofluoromethane (Surr)	107		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9569.D
Lims ID: 480-62518-A-2-A Lab Sample ID: 480-62518-2
Client ID: SB-2 12-16'
Sample Type: Client
Inject. Date: 28-Jun-2014 15:16:30 ALS Bottle#: 7 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62518-A-2-A
Misc. Info.: 480-0033377-015 =480-0033377-015
Operator ID: RAS Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 30-Jun-2014 11:37:52 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: sobolr Date: 30-Jun-2014 11:39:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.468	0.006	99	59141	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	79	156434	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	92	173272	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	57	83252	53.4	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.237	5.231	0.006	0	46221	52.2	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	91	342332	49.5	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.514	0.006	95	122142	52.6	
10 Dichlorodifluoromethane	85		1.946				ND	
12 Chloromethane	50		2.104				ND	
13 Vinyl chloride	62		2.220				ND	
14 Bromomethane	94		2.512				ND	
15 Chloroethane	64		2.573				ND	
17 Trichlorofluoromethane	101		2.804				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169				ND	
22 1,1-Dichloroethene	96		3.199				ND	
23 Acetone	43		3.242				ND	
26 Carbon disulfide	76		3.406				ND	
27 Methyl acetate	43		3.461				ND	
30 Methylene Chloride	84		3.582				ND	
32 Methyl tert-butyl ether	73		3.728				ND	
34 trans-1,2-Dichloroethene	96		3.771				ND	
39 1,1-Dichloroethane	63		4.106				ND	
43 2-Butanone (MEK)	43		4.550				ND	
45 cis-1,2-Dichloroethene	96		4.562				ND	
50 Chloroform	83		4.799				ND	
51 1,1,1-Trichloroethane	97		4.951				ND	
52 Cyclohexane	56		4.976				ND	
55 Carbon tetrachloride	117		5.079				ND	
57 Benzene	78		5.255				ND	
58 1,2-Dichloroethane	62		5.292				ND	
1 1,4-Difluorobenzene	114		5.541				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
62 Trichloroethene	95		5.779				ND	
64 Methylcyclohexane	83		5.912				ND	
65 1,2-Dichloropropane	63		5.998				ND	
68 Dichlorobromomethane	83		6.241				ND	
72 cis-1,3-Dichloropropene	75		6.618				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722				ND	
74 Toluene	92		6.916				ND	
77 trans-1,3-Dichloropropene	75		7.135				ND	
79 1,1,2-Trichloroethane	83		7.336				ND	
81 Tetrachloroethene	166	7.439	7.439	0.000	92	129763	45.6	
80 2-Hexanone	43		7.512				ND	
83 Chlorodibromomethane	129		7.744				ND	
84 Ethylene Dibromide	107		7.877				ND	
87 Chlorobenzene	112		8.328				ND	
88 Ethylbenzene	91		8.388				ND	
90 m-Xylene & p-Xylene	106		8.504				ND	
91 o-Xylene	106		8.942				ND	
92 Styrene	104		8.960				ND	
95 Bromoform	173		9.234				ND	
94 Isopropylbenzene	105		9.301				ND	
97 1,1,2,2-Tetrachloroethane	83		9.678				ND	
111 1,3-Dichlorobenzene	146		10.566				ND	
113 1,4-Dichlorobenzene	146		10.646				ND	
116 1,2-Dichlorobenzene	146		10.992				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.668				ND	
119 1,2,4-Trichlorobenzene	180		12.312				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00242	Amount Added:	1.00	Units: uL	Run Reagent

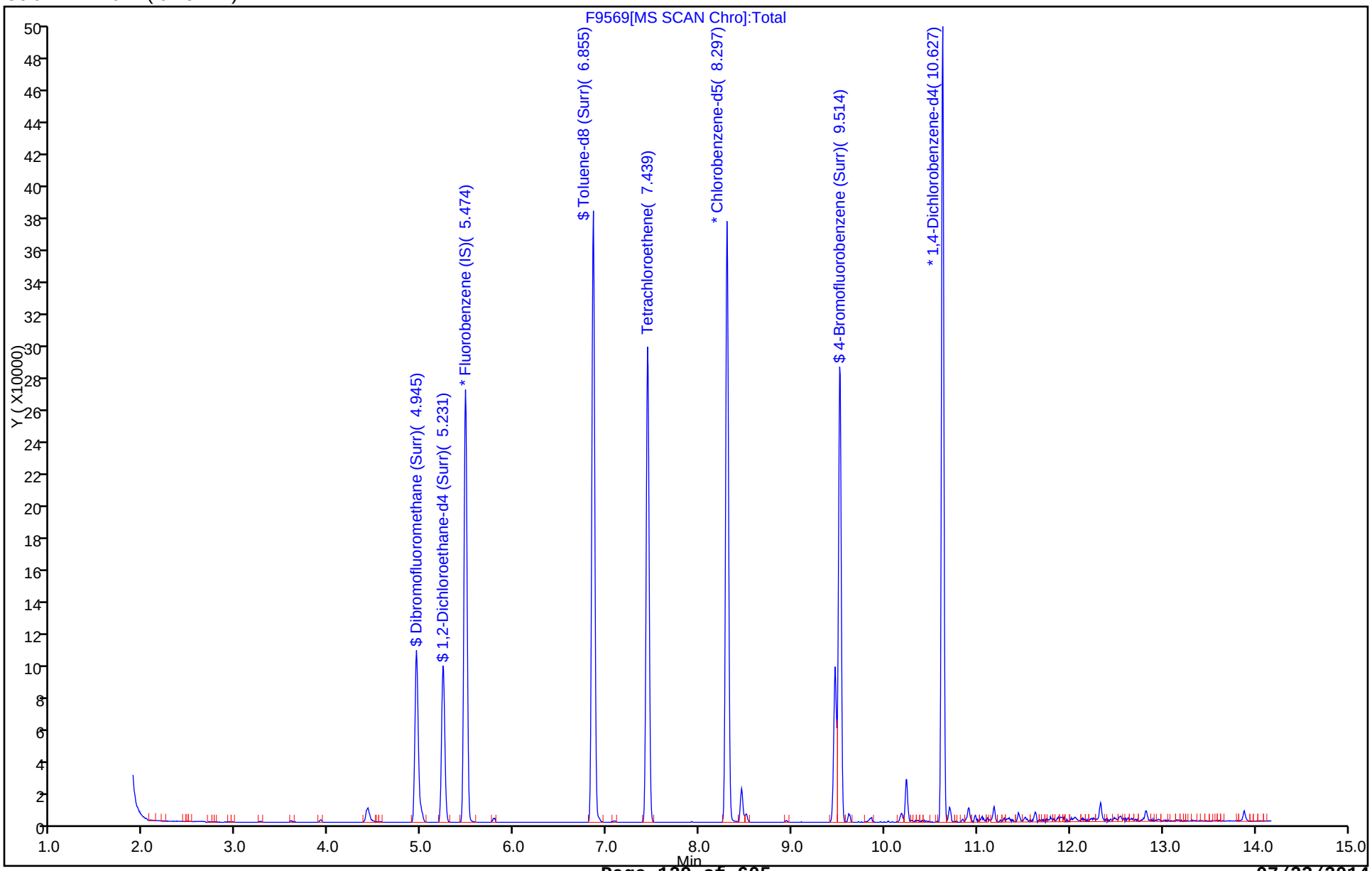
Report Date: 30-Jun-2014 11:39:25 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9569.D

Injection Date:	28-Jun-2014 15:16:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	480-62518-A-2-A	Lab Sample ID:	480-62518-2	Worklist Smp#:	15
Client ID:	SB-2 12-16'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



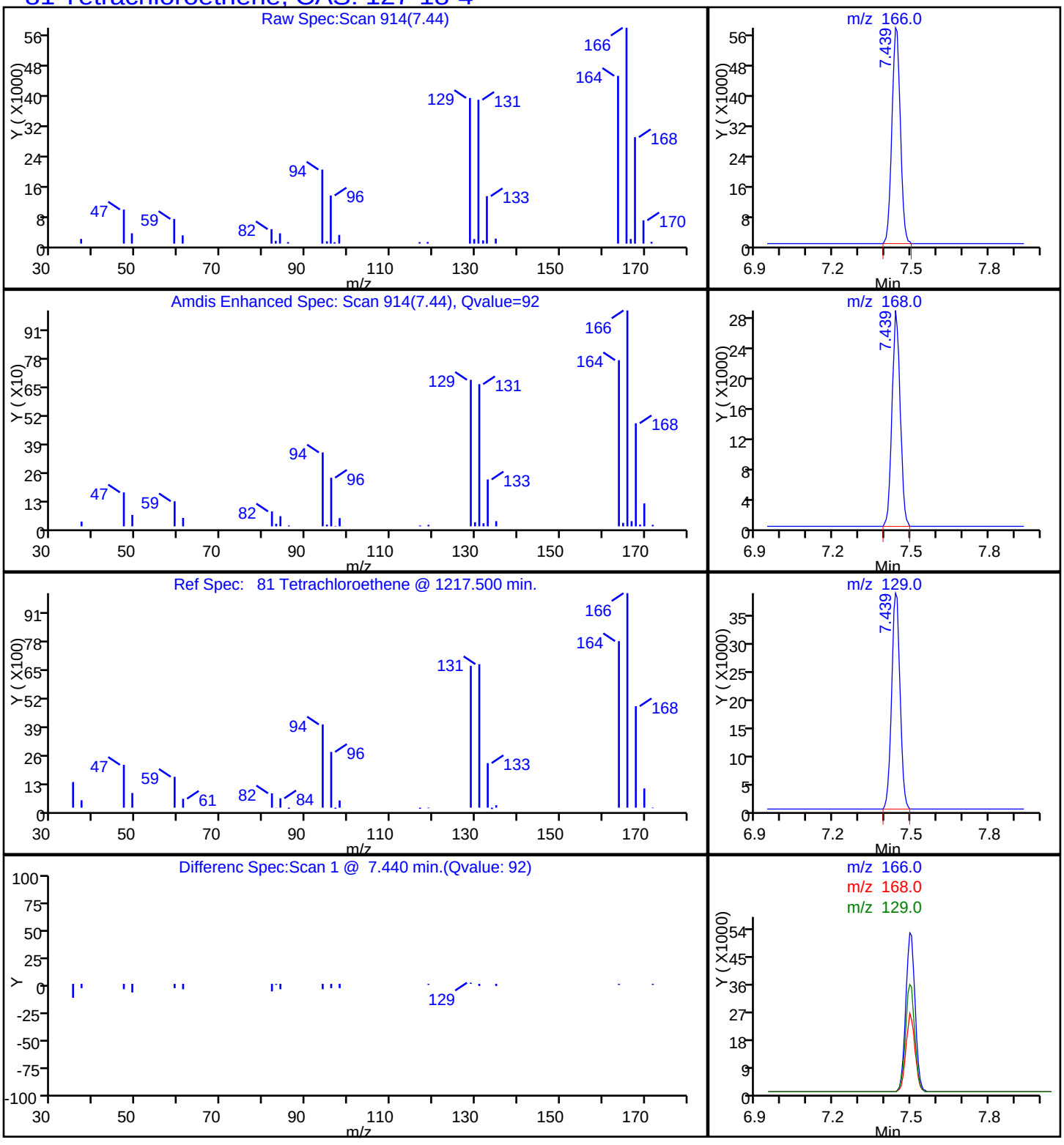
Report Date: 30-Jun-2014 11:39:25 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9569.D

Injection Date:	28-Jun-2014 15:16:30	Instrument ID:	HP5973F
Lims ID:	480-62518-A-2-A	Lab Sample ID:	480-62518-2
Client ID:	SB-2 12-16'		
Operator ID:	RAS	ALS Bottle#:	7 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-2 8-10' | Lab Sample ID: 480-62518-3

Matrix: Solid | Lab File ID: F9570.D

Analysis Method: 8260C | Date Collected: 06/23/2014 12:10

Sample wt/vol: 5.289(g) | Date Analyzed: 06/28/2014 15:42

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 7.0 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.1	0.37
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.1	0.82
79-00-5	1,1,2-Trichloroethane	ND		5.1	0.66
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	1.2
75-34-3	1,1-Dichloroethane	ND		5.1	0.62
75-35-4	1,1-Dichloroethene	ND		5.1	0.62
120-82-1	1,2,4-Trichlorobenzene	ND		5.1	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.1	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.1	0.40
107-06-2	1,2-Dichloroethane	ND		5.1	0.26
78-87-5	1,2-Dichloropropane	ND		5.1	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.1	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.1	0.71
78-93-3	2-Butanone (MEK)	ND	*	25	1.9
591-78-6	2-Hexanone	ND		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.7
67-64-1	Acetone	ND		25	4.3
71-43-2	Benzene	ND		5.1	0.25
75-27-4	Bromodichloromethane	ND		5.1	0.68
75-25-2	Bromoform	ND		5.1	2.5
74-83-9	Bromomethane	ND		5.1	0.46
75-15-0	Carbon disulfide	ND		5.1	2.5
56-23-5	Carbon tetrachloride	ND		5.1	0.49
108-90-7	Chlorobenzene	ND		5.1	0.67
124-48-1	Dibromochloromethane	ND		5.1	0.65
75-00-3	Chloroethane	ND		5.1	1.1
67-66-3	Chloroform	ND		5.1	0.31
74-87-3	Chloromethane	ND		5.1	0.31
156-59-2	cis-1,2-Dichloroethene	ND		5.1	0.65
10061-01-5	cis-1,3-Dichloropropene	ND		5.1	0.73
110-82-7	Cyclohexane	ND		5.1	0.71
75-71-8	Dichlorodifluoromethane	ND		5.1	0.42
100-41-4	Ethylbenzene	ND		5.1	0.35
106-93-4	1,2-Dibromoethane	ND		5.1	0.65
98-82-8	Isopropylbenzene	ND		5.1	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-2 8-10' | Lab Sample ID: 480-62518-3

Matrix: Solid | Lab File ID: F9570.D

Analysis Method: 8260C | Date Collected: 06/23/2014 12:10

Sample wt/vol: 5.289(g) | Date Analyzed: 06/28/2014 15:42

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 7.0 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.1	3.1
1634-04-4	Methyl tert-butyl ether	ND		5.1	0.50
108-87-2	Methylcyclohexane	ND		5.1	0.77
75-09-2	Methylene Chloride	ND		5.1	2.3
100-42-5	Styrene	ND		5.1	0.25
127-18-4	Tetrachloroethene	120		5.1	0.68
108-88-3	Toluene	ND		5.1	0.38
156-60-5	trans-1,2-Dichloroethene	ND		5.1	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		5.1	2.2
79-01-6	Trichloroethene	ND		5.1	1.1
75-69-4	Trichlorofluoromethane	ND		5.1	0.48
75-01-4	Vinyl chloride	ND		5.1	0.62
1330-20-7	Xylenes, Total	ND		10	0.85

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		64-126
460-00-4	4-Bromofluorobenzene (Surr)	104		72-126
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9570.D
Lims ID: 480-62518-A-3-A Lab Sample ID: 480-62518-3
Client ID: SB-2 8-10'
Sample Type: Client
Inject. Date: 28-Jun-2014 15:42:30 ALS Bottle#: 8 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62518-A-3-A
Misc. Info.: 480-0033377-016 =480-0033377-016
Operator ID: RAS Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 30-Jun-2014 11:39:45 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: sobolr Date: 30-Jun-2014 11:39:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.475	5.468	0.007	99	62678	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	81	147643	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	91	153569	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	57	86871	52.5	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	48616	51.8	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	91	324770	49.7	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.514	0.006	94	114587	52.2	
10 Dichlorodifluoromethane	85		1.946				ND	
12 Chloromethane	50		2.104				ND	
13 Vinyl chloride	62		2.220				ND	
14 Bromomethane	94		2.512				ND	
15 Chloroethane	64		2.573				ND	
17 Trichlorofluoromethane	101		2.804				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169				ND	
22 1,1-Dichloroethene	96		3.199				ND	
23 Acetone	43		3.242				ND	
26 Carbon disulfide	76		3.406				ND	
27 Methyl acetate	43		3.461				ND	
30 Methylene Chloride	84		3.582				ND	
32 Methyl tert-butyl ether	73		3.728				ND	
34 trans-1,2-Dichloroethene	96		3.771				ND	
39 1,1-Dichloroethane	63		4.106				ND	
43 2-Butanone (MEK)	43		4.550				ND	
45 cis-1,2-Dichloroethene	96		4.562				ND	
50 Chloroform	83		4.799				ND	
51 1,1,1-Trichloroethane	97		4.951				ND	
52 Cyclohexane	56		4.976				ND	
55 Carbon tetrachloride	117		5.079				ND	
57 Benzene	78		5.255				ND	
58 1,2-Dichloroethane	62		5.292				ND	
1 1,4-Difluorobenzene	114		5.541				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
62 Trichloroethene	95		5.779				ND	
64 Methylcyclohexane	83		5.912				ND	
65 1,2-Dichloropropane	63		5.998				ND	
68 Dichlorobromomethane	83		6.241				ND	
72 cis-1,3-Dichloropropene	75		6.618				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722				ND	
74 Toluene	92		6.916				ND	
77 trans-1,3-Dichloropropene	75		7.135				ND	
79 1,1,2-Trichloroethane	83		7.336				ND	
81 Tetrachloroethene	166	7.440	7.439	0.001	92	320647	119.3	
80 2-Hexanone	43		7.512				ND	
83 Chlorodibromomethane	129		7.744				ND	
84 Ethylene Dibromide	107		7.877				ND	
87 Chlorobenzene	112		8.328				ND	
88 Ethylbenzene	91		8.388				ND	
90 m-Xylene & p-Xylene	106		8.504				ND	
91 o-Xylene	106		8.942				ND	
92 Styrene	104		8.960				ND	
95 Bromoform	173		9.234				ND	
94 Isopropylbenzene	105		9.301				ND	
97 1,1,2,2-Tetrachloroethane	83		9.678				ND	
111 1,3-Dichlorobenzene	146		10.566				ND	
113 1,4-Dichlorobenzene	146		10.646				ND	
116 1,2-Dichlorobenzene	146		10.992				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.668				ND	
119 1,2,4-Trichlorobenzene	180		12.312				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00242	Amount Added:	1.00	Units: uL	Run Reagent

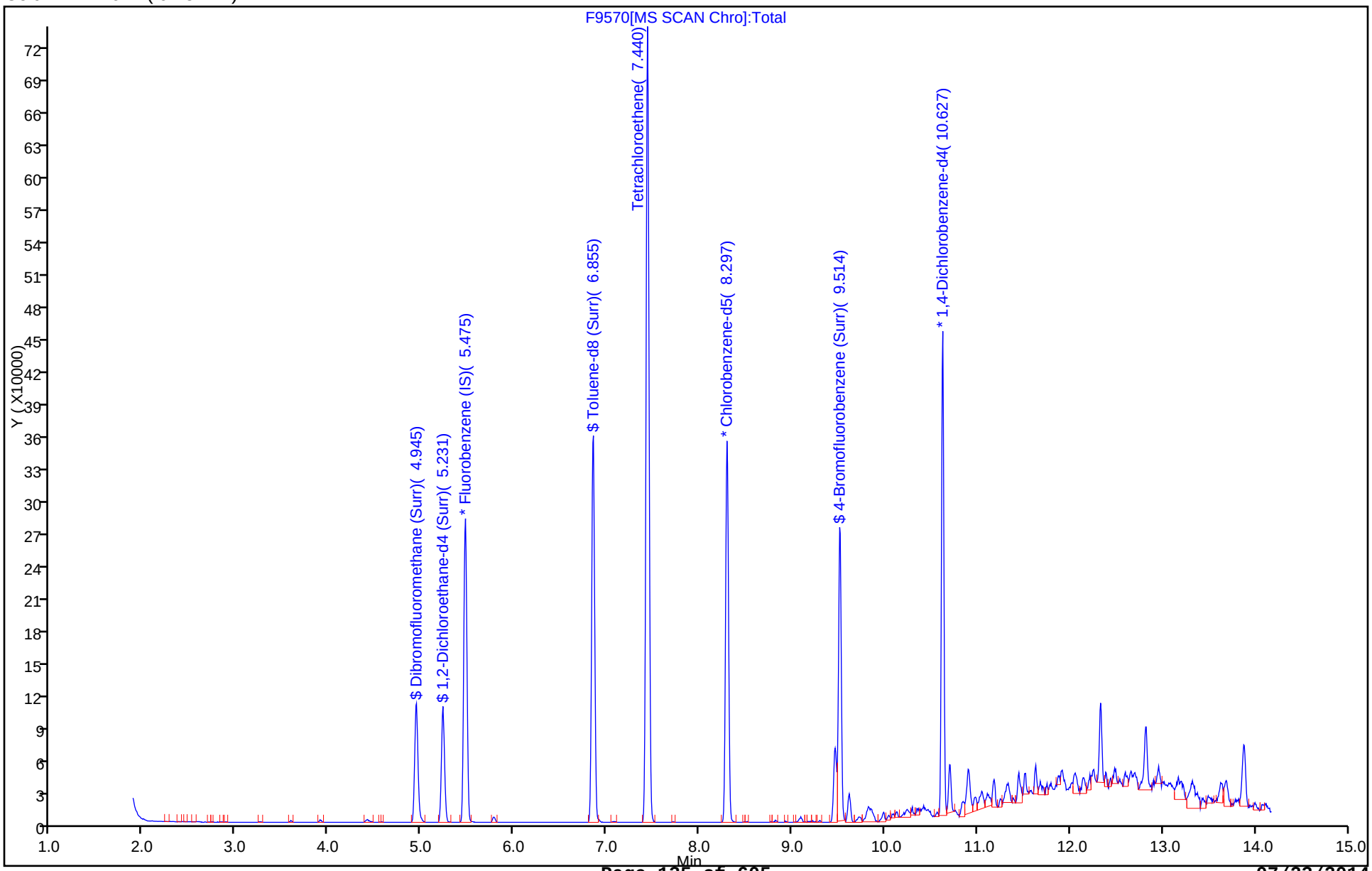
Report Date: 30-Jun-2014 11:39:45 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9570.D

Injection Date:	28-Jun-2014 15:42:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	480-62518-A-3-A	Lab Sample ID:	480-62518-3	Worklist Smp#:	16
Client ID:	SB-2 8-10'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



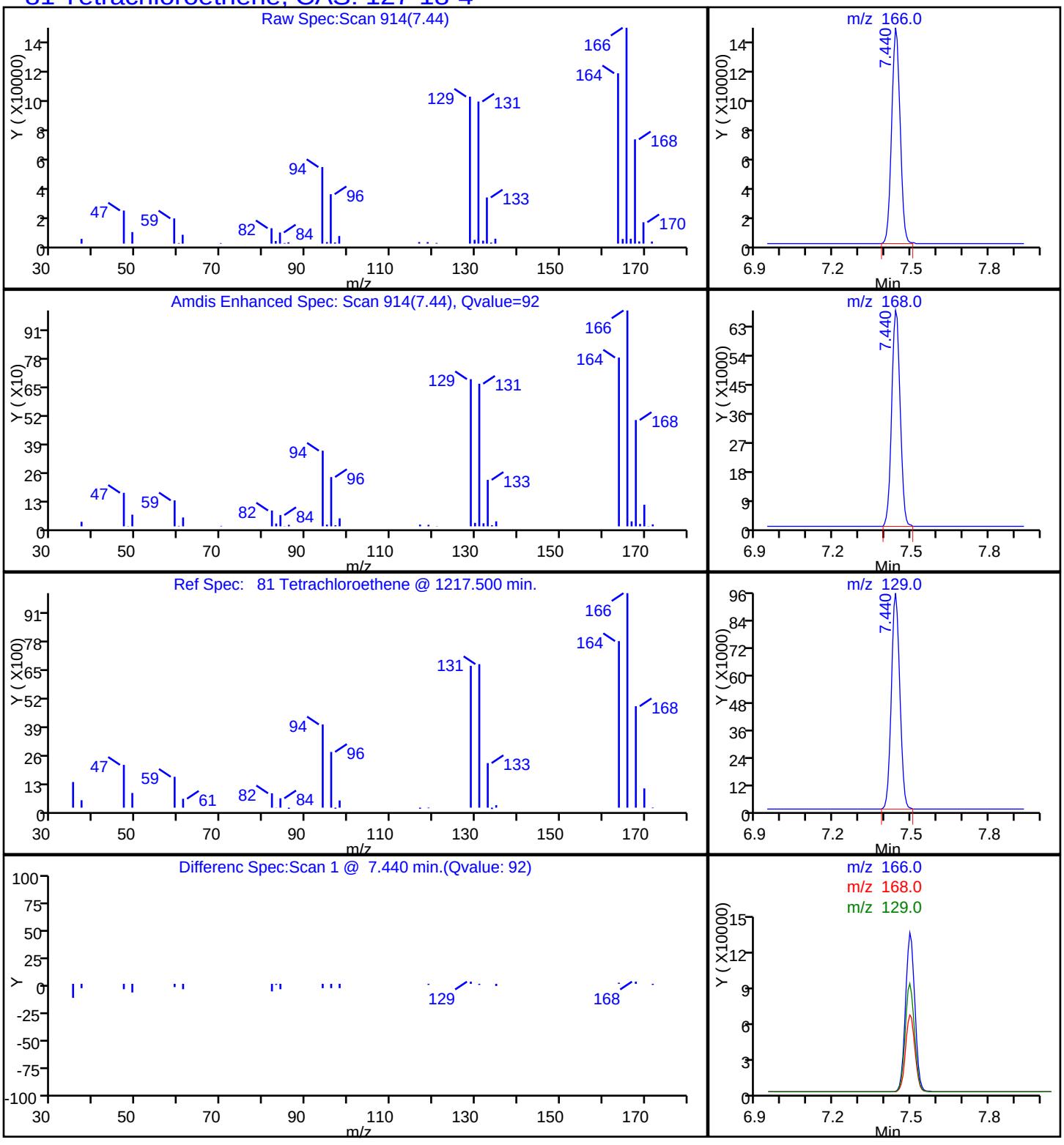
Report Date: 30-Jun-2014 11:39:45 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9570.D

Injection Date:	28-Jun-2014 15:42:30	Instrument ID:	HP5973F
Lims ID:	480-62518-A-3-A	Lab Sample ID:	480-62518-3
Client ID:	SB-2 8-10'		
Operator ID:	RAS	ALS Bottle#:	8 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-3 6' | Lab Sample ID: 480-62518-4

Matrix: Solid | Lab File ID: F9571.D

Analysis Method: 8260C | Date Collected: 06/23/2014 13:14

Sample wt/vol: 5.622(g) | Date Analyzed: 06/28/2014 16:08

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 21.1 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.6	0.41
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.6	0.91
79-00-5	1,1,2-Trichloroethane	ND		5.6	0.73
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3
75-34-3	1,1-Dichloroethane	ND		5.6	0.69
75-35-4	1,1-Dichloroethene	ND		5.6	0.69
120-82-1	1,2,4-Trichlorobenzene	ND		5.6	0.34
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.6	2.8
95-50-1	1,2-Dichlorobenzene	ND		5.6	0.44
107-06-2	1,2-Dichloroethane	ND		5.6	0.28
78-87-5	1,2-Dichloropropane	ND		5.6	2.8
541-73-1	1,3-Dichlorobenzene	ND		5.6	0.29
106-46-7	1,4-Dichlorobenzene	ND		5.6	0.79
78-93-3	2-Butanone (MEK)	ND	*	28	2.1
591-78-6	2-Hexanone	ND		28	2.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		28	1.8
67-64-1	Acetone	ND		28	4.7
71-43-2	Benzene	ND		5.6	0.28
75-27-4	Bromodichloromethane	ND		5.6	0.75
75-25-2	Bromoform	ND		5.6	2.8
74-83-9	Bromomethane	ND		5.6	0.51
75-15-0	Carbon disulfide	ND		5.6	2.8
56-23-5	Carbon tetrachloride	ND		5.6	0.55
108-90-7	Chlorobenzene	ND		5.6	0.74
124-48-1	Dibromochloromethane	ND		5.6	0.72
75-00-3	Chloroethane	ND		5.6	1.3
67-66-3	Chloroform	ND		5.6	0.35
74-87-3	Chloromethane	ND		5.6	0.34
156-59-2	cis-1,2-Dichloroethene	ND		5.6	0.72
10061-01-5	cis-1,3-Dichloropropene	ND		5.6	0.81
110-82-7	Cyclohexane	ND		5.6	0.79
75-71-8	Dichlorodifluoromethane	ND		5.6	0.47
100-41-4	Ethylbenzene	ND		5.6	0.39
106-93-4	1,2-Dibromoethane	ND		5.6	0.72
98-82-8	Isopropylbenzene	ND		5.6	0.85

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-3 6' | Lab Sample ID: 480-62518-4

Matrix: Solid | Lab File ID: F9571.D

Analysis Method: 8260C | Date Collected: 06/23/2014 13:14

Sample wt/vol: 5.622(g) | Date Analyzed: 06/28/2014 16:08

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 21.1 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.6	3.4
1634-04-4	Methyl tert-butyl ether	ND		5.6	0.55
108-87-2	Methylcyclohexane	ND		5.6	0.86
75-09-2	Methylene Chloride	ND		5.6	2.6
100-42-5	Styrene	ND		5.6	0.28
127-18-4	Tetrachloroethene	13		5.6	0.76
108-88-3	Toluene	ND		5.6	0.43
156-60-5	trans-1,2-Dichloroethene	ND		5.6	0.58
10061-02-6	trans-1,3-Dichloropropene	ND		5.6	2.5
79-01-6	Trichloroethene	ND		5.6	1.2
75-69-4	Trichlorofluoromethane	ND		5.6	0.53
75-01-4	Vinyl chloride	ND		5.6	0.69
1330-20-7	Xylenes, Total	ND		11	0.95

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	104		72-126
1868-53-7	Dibromofluoromethane (Surr)	102		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9571.D
Lims ID: 480-62518-A-4-A Lab Sample ID: 480-62518-4
Client ID: SB-3 6'
Sample Type: Client
Inject. Date: 28-Jun-2014 16:08:30 ALS Bottle#: 9 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62518-A-4-A
Misc. Info.: 480-0033377-017 =480-0033377-017
Operator ID: RAS Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 30-Jun-2014 11:39:45 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: sobolr Date: 30-Jun-2014 11:40:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.468	0.006	99	66150	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	82	162919	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	92	174354	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	58	89347	51.2	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	49575	50.1	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	91	350916	48.7	
$ 6 4-Bromofluorobenzene (Surr	174	9.514	9.514	0.000	94	125326	51.8	
10 Dichlorodifluoromethane	85		1.946				ND	
12 Chloromethane	50		2.104				ND	
13 Vinyl chloride	62		2.220				ND	
14 Bromomethane	94		2.512				ND	
15 Chloroethane	64		2.573				ND	
17 Trichlorofluoromethane	101		2.804				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169				ND	
22 1,1-Dichloroethene	96		3.199				ND	
23 Acetone	43		3.242				ND	
26 Carbon disulfide	76		3.406				ND	
27 Methyl acetate	43		3.461				ND	
30 Methylene Chloride	84		3.582				ND	
32 Methyl tert-butyl ether	73		3.728				ND	
34 trans-1,2-Dichloroethene	96		3.771				ND	
39 1,1-Dichloroethane	63		4.106				ND	
43 2-Butanone (MEK)	43		4.550				ND	
45 cis-1,2-Dichloroethene	96		4.562				ND	
50 Chloroform	83		4.799				ND	
51 1,1,1-Trichloroethane	97		4.951				ND	
52 Cyclohexane	56		4.976				ND	
55 Carbon tetrachloride	117		5.079				ND	
57 Benzene	78		5.255				ND	
58 1,2-Dichloroethane	62		5.292				ND	
1 1,4-Difluorobenzene	114		5.541				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
62 Trichloroethene	95		5.779				ND	
64 Methylcyclohexane	83		5.912				ND	
65 1,2-Dichloropropane	63		5.998				ND	
68 Dichlorobromomethane	83		6.241				ND	
72 cis-1,3-Dichloropropene	75		6.618				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722				ND	
74 Toluene	92		6.916				ND	
77 trans-1,3-Dichloropropene	75		7.135				ND	
79 1,1,2-Trichloroethane	83		7.336				ND	
81 Tetrachloroethene	166	7.439	7.439	0.000	88	35524	12.0	
80 2-Hexanone	43		7.512				ND	
83 Chlorodibromomethane	129		7.744				ND	
84 Ethylene Dibromide	107		7.877				ND	
87 Chlorobenzene	112		8.328				ND	
88 Ethylbenzene	91		8.388				ND	
90 m-Xylene & p-Xylene	106		8.504				ND	
91 o-Xylene	106		8.942				ND	
92 Styrene	104		8.960				ND	
95 Bromoform	173		9.234				ND	
94 Isopropylbenzene	105		9.301				ND	
97 1,1,2,2-Tetrachloroethane	83		9.678				ND	
111 1,3-Dichlorobenzene	146		10.566				ND	
113 1,4-Dichlorobenzene	146		10.646				ND	
116 1,2-Dichlorobenzene	146		10.992				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.668				ND	
119 1,2,4-Trichlorobenzene	180		12.312				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00242	Amount Added:	1.00	Units: uL	Run Reagent

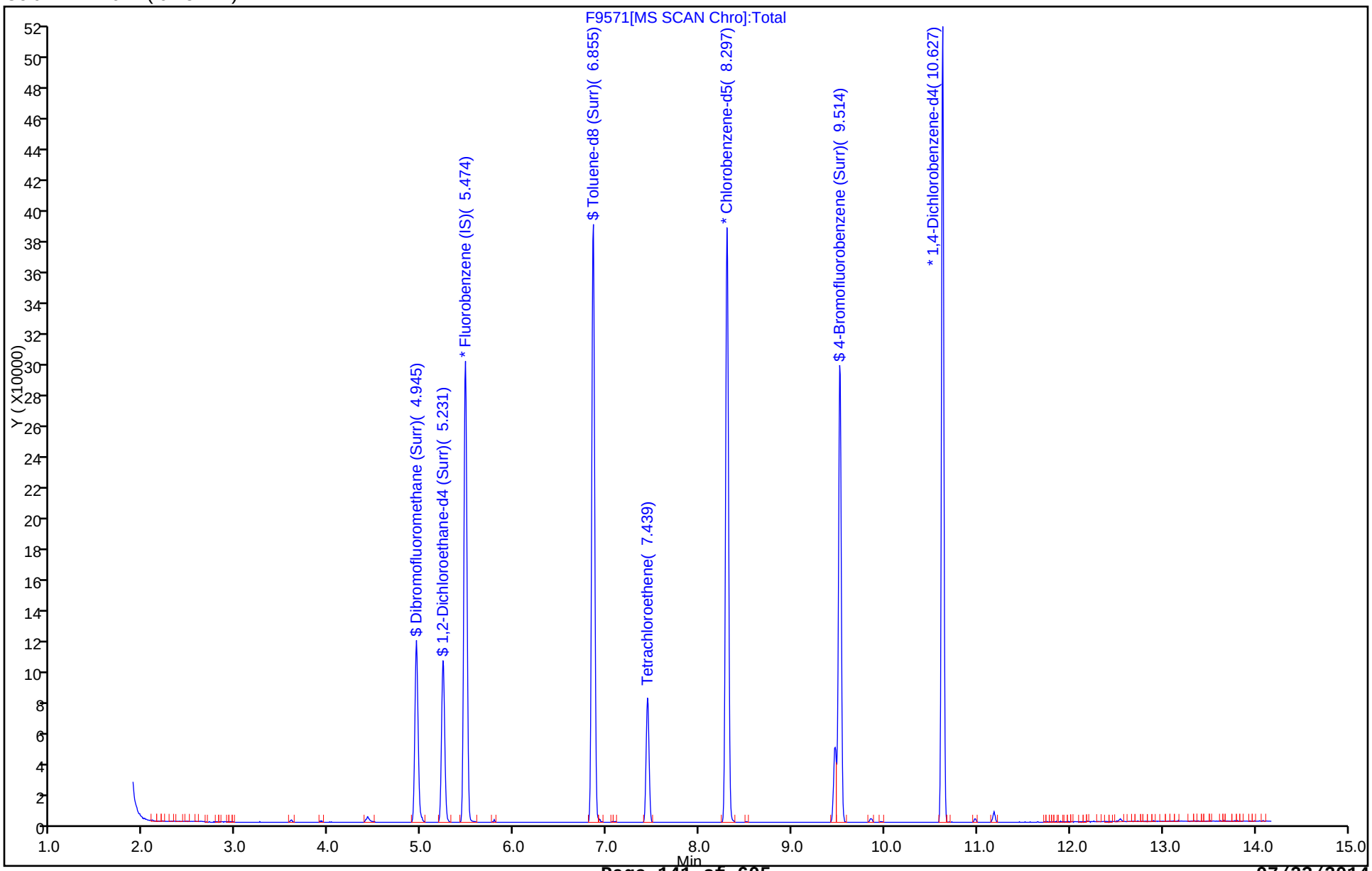
Report Date: 30-Jun-2014 11:40:03 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9571.D

Injection Date:	28-Jun-2014 16:08:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	480-62518-A-4-A	Lab Sample ID:	480-62518-4	Worklist Smp#:	17
Client ID:	SB-3 6'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



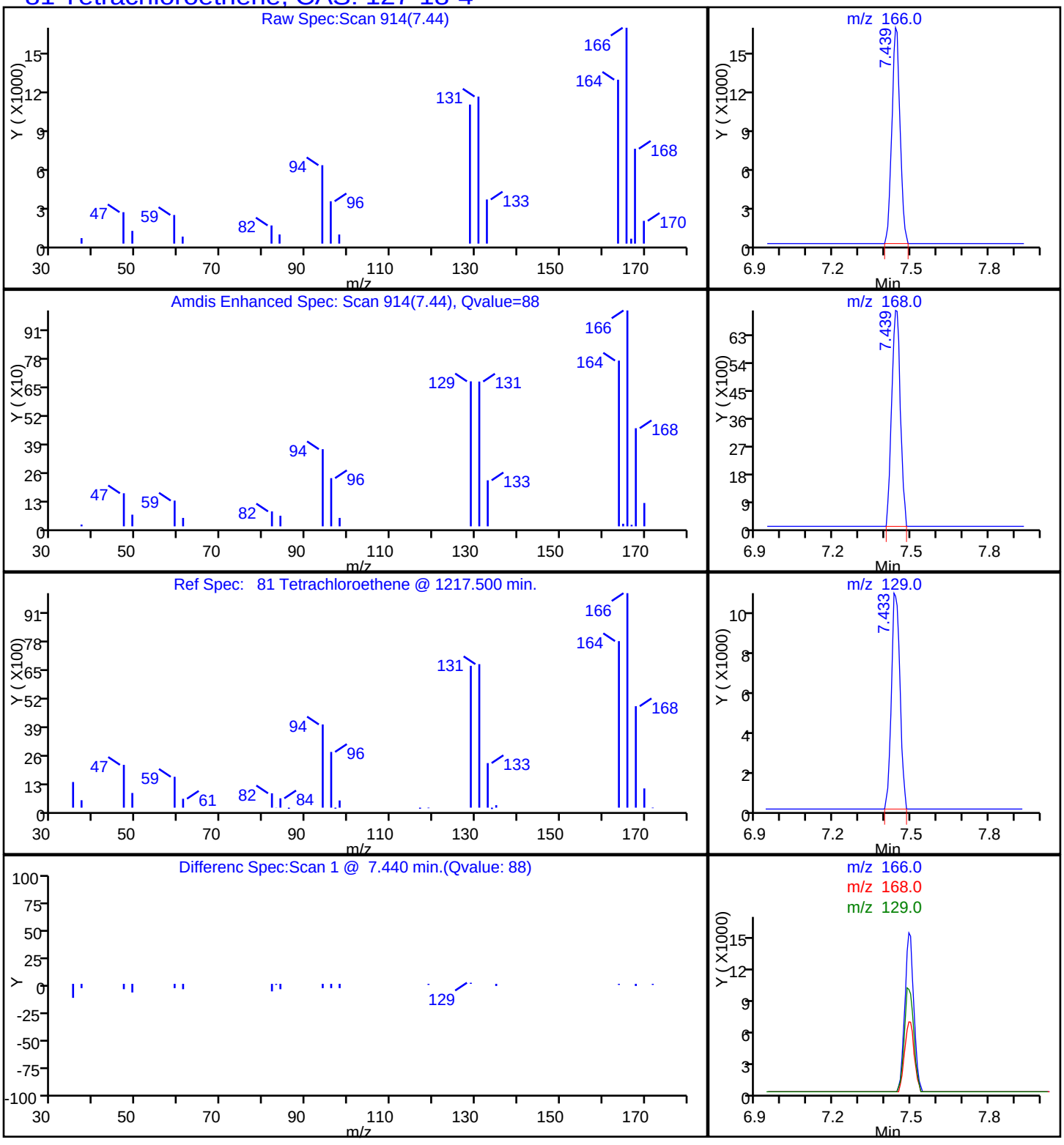
Report Date: 30-Jun-2014 11:40:03 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9571.D

Injection Date:	28-Jun-2014 16:08:30	Instrument ID:	HP5973F
Lims ID:	480-62518-A-4-A	Lab Sample ID:	480-62518-4
Client ID:	SB-3 6'		
Operator ID:	RAS	ALS Bottle#:	9 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-4 4-10' | Lab Sample ID: 480-62518-5

Matrix: Solid | Lab File ID: F9572.D

Analysis Method: 8260C | Date Collected: 06/23/2014 15:10

Sample wt/vol: 6.394(g) | Date Analyzed: 06/28/2014 16:34

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	*	4.5	0.33
79-34-5	1,1,2,2-Tetrachloroethane	ND	*	4.5	0.74
79-00-5	1,1,2-Trichloroethane	ND	*	4.5	0.59
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	4.5	1.0
75-34-3	1,1-Dichloroethane	ND	*	4.5	0.55
75-35-4	1,1-Dichloroethene	ND	*	4.5	0.56
120-82-1	1,2,4-Trichlorobenzene	ND	*	4.5	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	ND	*	4.5	2.3
95-50-1	1,2-Dichlorobenzene	ND	*	4.5	0.35
107-06-2	1,2-Dichloroethane	ND	*	4.5	0.23
78-87-5	1,2-Dichloropropane	ND	*	4.5	2.3
541-73-1	1,3-Dichlorobenzene	ND	*	4.5	0.23
106-46-7	1,4-Dichlorobenzene	ND	*	4.5	0.64
78-93-3	2-Butanone (MEK)	ND	*	23	1.7
591-78-6	2-Hexanone	ND	*	23	2.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	*	23	1.5
67-64-1	Acetone	24	*	23	3.8
71-43-2	Benzene	ND	*	4.5	0.22
75-27-4	Bromodichloromethane	ND	*	4.5	0.61
75-25-2	Bromoform	ND	*	4.5	2.3
74-83-9	Bromomethane	ND	*	4.5	0.41
75-15-0	Carbon disulfide	ND	*	4.5	2.3
56-23-5	Carbon tetrachloride	ND	*	4.5	0.44
108-90-7	Chlorobenzene	ND	*	4.5	0.60
124-48-1	Dibromochloromethane	ND	*	4.5	0.58
75-00-3	Chloroethane	ND	*	4.5	1.0
67-66-3	Chloroform	ND	*	4.5	0.28
74-87-3	Chloromethane	ND	*	4.5	0.27
156-59-2	cis-1,2-Dichloroethene	ND	*	4.5	0.58
10061-01-5	cis-1,3-Dichloropropene	ND	*	4.5	0.65
110-82-7	Cyclohexane	ND	*	4.5	0.64
75-71-8	Dichlorodifluoromethane	ND	*	4.5	0.37
100-41-4	Ethylbenzene	ND	*	4.5	0.31
106-93-4	1,2-Dibromoethane	ND	*	4.5	0.58
98-82-8	Isopropylbenzene	ND	*	4.5	0.68

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-4 4-10' | Lab Sample ID: 480-62518-5

Matrix: Solid | Lab File ID: F9572.D

Analysis Method: 8260C | Date Collected: 06/23/2014 15:10

Sample wt/vol: 6.394(g) | Date Analyzed: 06/28/2014 16:34

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	*	4.5	2.7
1634-04-4	Methyl tert-butyl ether	ND	*	4.5	0.45
108-87-2	Methylcyclohexane	ND	*	4.5	0.69
75-09-2	Methylene Chloride	ND	*	4.5	2.1
100-42-5	Styrene	ND	*	4.5	0.23
127-18-4	Tetrachloroethene	ND	*	4.5	0.61
108-88-3	Toluene	ND	*	4.5	0.34
156-60-5	trans-1,2-Dichloroethene	ND	*	4.5	0.47
10061-02-6	trans-1,3-Dichloropropene	ND	*	4.5	2.0
79-01-6	Trichloroethene	ND	*	4.5	1.0
75-69-4	Trichlorofluoromethane	ND	*	4.5	0.43
75-01-4	Vinyl chloride	ND	*	4.5	0.55
1330-20-7	Xylenes, Total	ND	*	9.1	0.76

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	103		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
1868-53-7	Dibromofluoromethane (Surr)	101		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9572.D
Lims ID: 480-62518-A-5-A Lab Sample ID: 480-62518-5
Client ID: SB-4 4-10'
Sample Type: Client
Inject. Date: 28-Jun-2014 16:34:30 ALS Bottle#: 10 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62518-A-5-A
Misc. Info.: 480-0033377-018 =480-0033377-018
Operator ID: RAS Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 30-Jun-2014 11:39:45 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: sobolr Date: 30-Jun-2014 11:40:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.481	5.468	0.013	99	61719	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	81	151660	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	92	159559	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	56	82040	50.4	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	46188	50.0	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	91	344292	51.3	
$ 6 4-Bromofluorobenzene (Surr	174	9.514	9.514	0.000	94	117911	52.3	
10 Dichlorodifluoromethane	85		1.946				ND	
12 Chloromethane	50		2.104				ND	
13 Vinyl chloride	62		2.220				ND	
14 Bromomethane	94		2.512				ND	
15 Chloroethane	64		2.573				ND	
17 Trichlorofluoromethane	101		2.804				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169				ND	
22 1,1-Dichloroethene	96		3.199				ND	
23 Acetone	43	3.260	3.242	0.018	80	12323	26.2	
26 Carbon disulfide	76		3.406				ND	
27 Methyl acetate	43		3.461				ND	
30 Methylene Chloride	84		3.582				ND	
32 Methyl tert-butyl ether	73		3.728				ND	
34 trans-1,2-Dichloroethene	96		3.771				ND	
39 1,1-Dichloroethane	63		4.106				ND	
43 2-Butanone (MEK)	43		4.550				ND	
45 cis-1,2-Dichloroethene	96		4.562				ND	
50 Chloroform	83		4.799				ND	
51 1,1,1-Trichloroethane	97		4.951				ND	
52 Cyclohexane	56		4.976				ND	
55 Carbon tetrachloride	117		5.079				ND	
57 Benzene	78		5.255				ND	
58 1,2-Dichloroethane	62		5.292				ND	
1 1,4-Difluorobenzene	114		5.541				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
62 Trichloroethene	95		5.779				ND	
64 Methylcyclohexane	83		5.912				ND	
65 1,2-Dichloropropane	63		5.998				ND	
68 Dichlorobromomethane	83		6.241				ND	
72 cis-1,3-Dichloropropene	75		6.618				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722				ND	
74 Toluene	92		6.916				ND	
77 trans-1,3-Dichloropropene	75		7.135				ND	
79 1,1,2-Trichloroethane	83		7.336				ND	
81 Tetrachloroethene	166		7.439				ND	
80 2-Hexanone	43		7.512				ND	
83 Chlorodibromomethane	129		7.744				ND	
84 Ethylene Dibromide	107		7.877				ND	
87 Chlorobenzene	112		8.328				ND	
88 Ethylbenzene	91		8.388				ND	
90 m-Xylene & p-Xylene	106		8.504				ND	
91 o-Xylene	106		8.942				ND	
92 Styrene	104		8.960				ND	
95 Bromoform	173		9.234				ND	
94 Isopropylbenzene	105		9.301				ND	
97 1,1,2,2-Tetrachloroethane	83		9.678				ND	
111 1,3-Dichlorobenzene	146		10.566				ND	
113 1,4-Dichlorobenzene	146		10.646				ND	
116 1,2-Dichlorobenzene	146		10.992				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.668				ND	
119 1,2,4-Trichlorobenzene	180		12.312				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00242	Amount Added:	1.00	Units: uL	Run Reagent

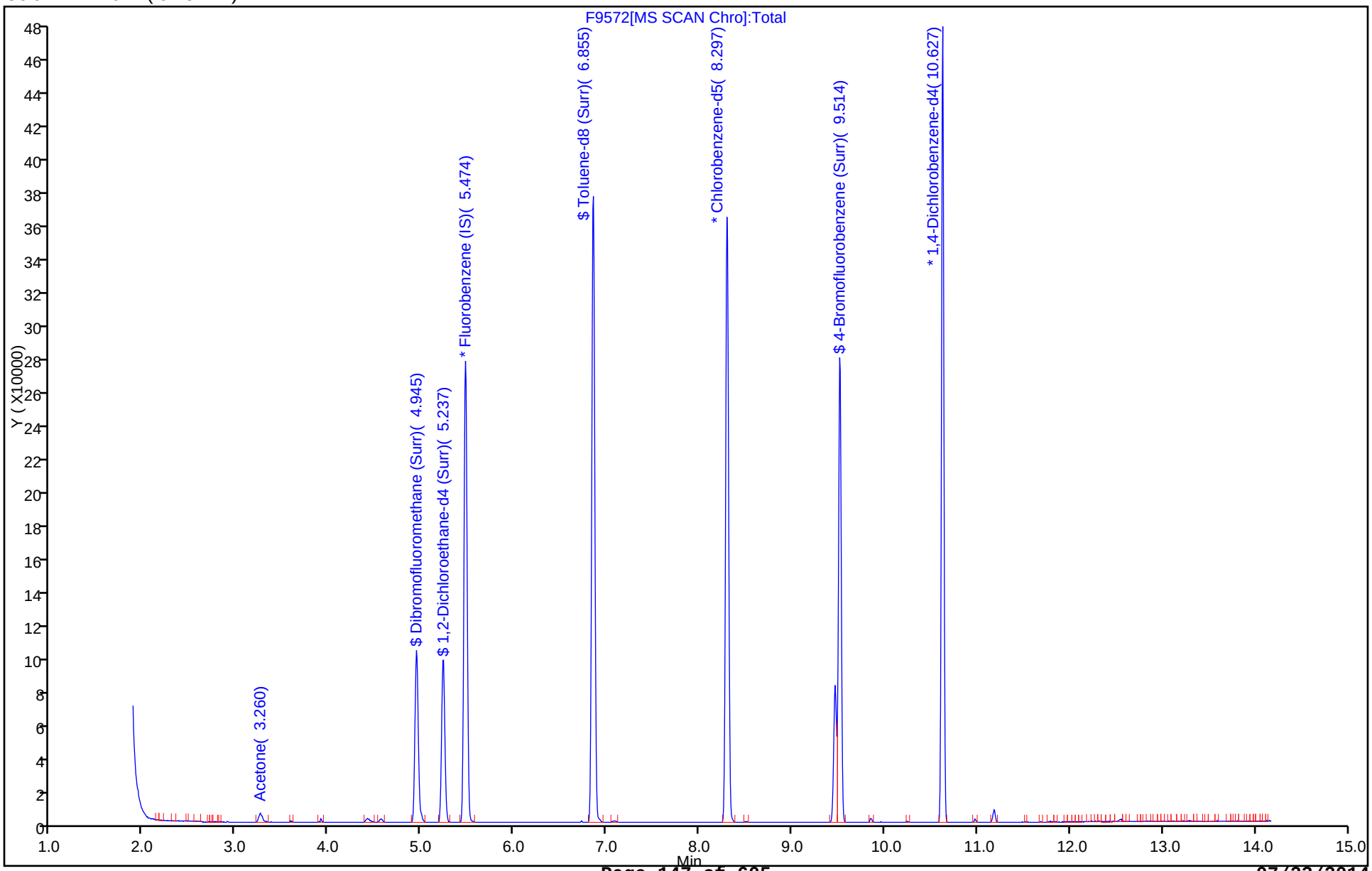
Report Date: 30-Jun-2014 11:40:20 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9572.D

Injection Date:	28-Jun-2014 16:34:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	480-62518-A-5-A	Lab Sample ID:	480-62518-5	Worklist Smp#:	18
Client ID:	SB-4 4-10'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)

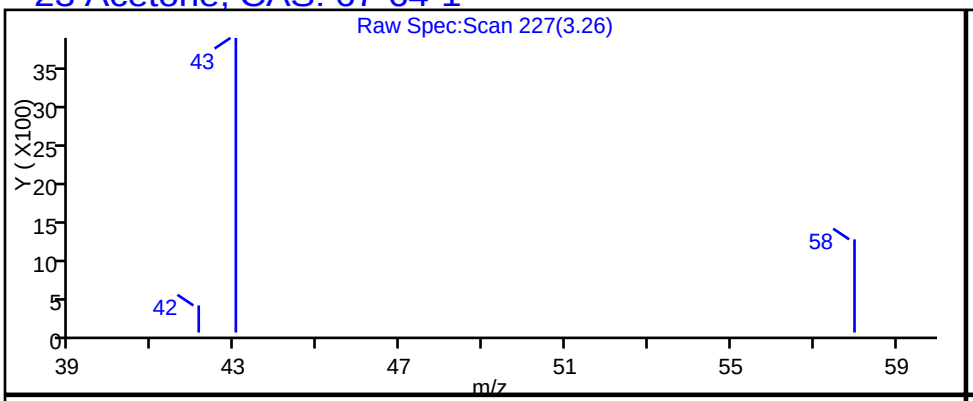


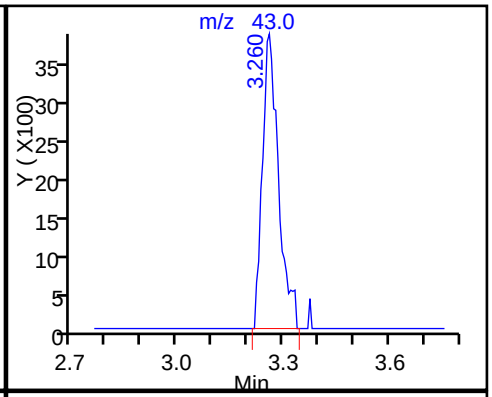
TestAmerica Buffalo

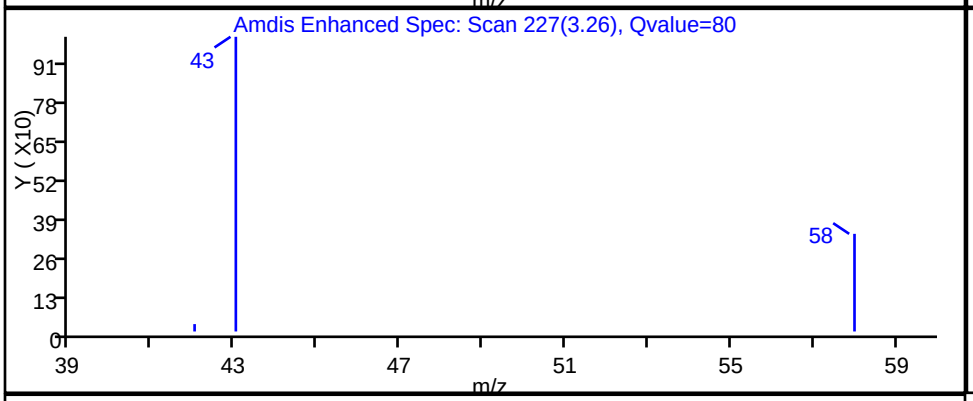
Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9572.D

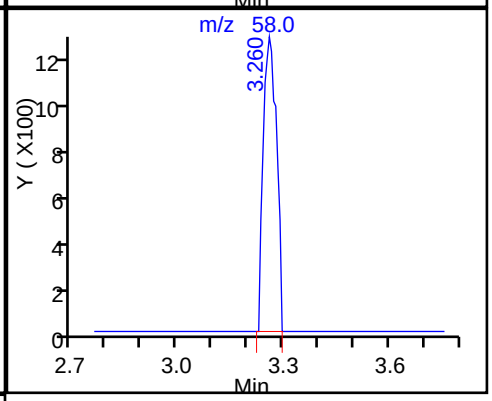
Injection Date:	28-Jun-2014 16:34:30	Instrument ID:	HP5973F
Lims ID:	480-62518-A-5-A	Lab Sample ID:	480-62518-5
Client ID:	SB-4 4-10'		
Operator ID:	RAS	ALS Bottle#:	10 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

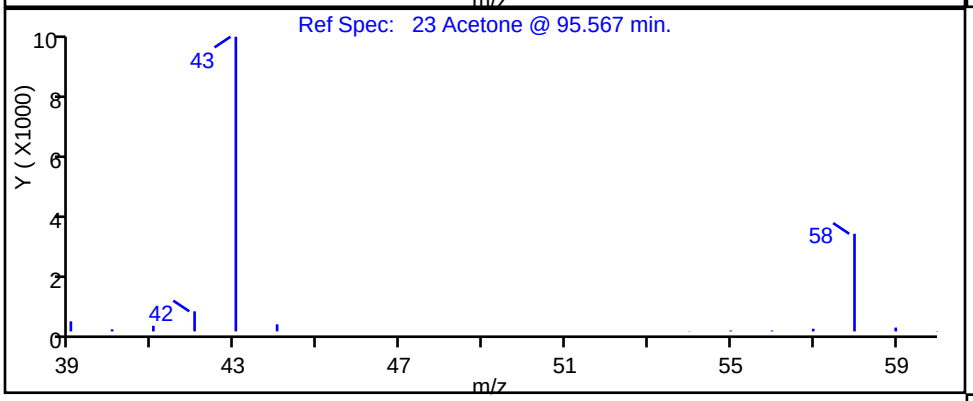
23 Acetone, CAS: 67-64-1

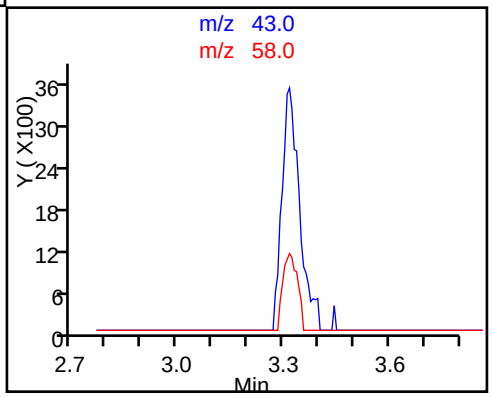












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-5 7' | Lab Sample ID: 480-62605-1

Matrix: Solid | Lab File ID: F9738.D

Analysis Method: 8260C | Date Collected: 06/24/2014 08:20

Sample wt/vol: 6.13(g) | Date Analyzed: 07/08/2014 04:00

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.0 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.9	0.35
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.9	0.79
79-00-5	1,1,2-Trichloroethane	ND		4.9	0.63
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	1.1
75-34-3	1,1-Dichloroethane	ND		4.9	0.59
75-35-4	1,1-Dichloroethene	ND		4.9	0.59
120-82-1	1,2,4-Trichlorobenzene	ND		4.9	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.9	2.4
95-50-1	1,2-Dichlorobenzene	ND		4.9	0.38
107-06-2	1,2-Dichloroethane	ND		4.9	0.24
78-87-5	1,2-Dichloropropane	ND		4.9	2.4
541-73-1	1,3-Dichlorobenzene	ND		4.9	0.25
106-46-7	1,4-Dichlorobenzene	ND		4.9	0.68
78-93-3	2-Butanone (MEK)	ND		24	1.8
591-78-6	2-Hexanone	ND		24	2.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		24	1.6
67-64-1	Acetone	ND		24	4.1
71-43-2	Benzene	ND		4.9	0.24
75-27-4	Bromodichloromethane	ND		4.9	0.65
75-25-2	Bromoform	ND		4.9	2.4
74-83-9	Bromomethane	ND		4.9	0.44
75-15-0	Carbon disulfide	ND		4.9	2.4
56-23-5	Carbon tetrachloride	ND		4.9	0.47
108-90-7	Chlorobenzene	ND		4.9	0.64
124-48-1	Dibromochloromethane	ND		4.9	0.62
75-00-3	Chloroethane	ND		4.9	1.1
67-66-3	Chloroform	ND		4.9	0.30
74-87-3	Chloromethane	ND		4.9	0.29
156-59-2	cis-1,2-Dichloroethene	ND		4.9	0.62
10061-01-5	cis-1,3-Dichloropropene	ND		4.9	0.70
110-82-7	Cyclohexane	ND		4.9	0.68
75-71-8	Dichlorodifluoromethane	ND		4.9	0.40
100-41-4	Ethylbenzene	ND		4.9	0.34
106-93-4	1,2-Dibromoethane	ND		4.9	0.62
98-82-8	Isopropylbenzene	ND		4.9	0.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-5 7' | Lab Sample ID: 480-62605-1

Matrix: Solid | Lab File ID: F9738.D

Analysis Method: 8260C | Date Collected: 06/24/2014 08:20

Sample wt/vol: 6.13(g) | Date Analyzed: 07/08/2014 04:00

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.0 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		4.9	2.9
1634-04-4	Methyl tert-butyl ether	ND		4.9	0.48
108-87-2	Methylcyclohexane	ND		4.9	0.74
75-09-2	Methylene Chloride	ND		4.9	2.2
100-42-5	Styrene	ND		4.9	0.24
127-18-4	Tetrachloroethene	ND		4.9	0.65
108-88-3	Toluene	ND		4.9	0.37
156-60-5	trans-1,2-Dichloroethene	ND		4.9	0.50
10061-02-6	trans-1,3-Dichloropropene	ND		4.9	2.1
79-01-6	Trichloroethene	ND		4.9	1.1
75-69-4	Trichlorofluoromethane	ND		4.9	0.46
75-01-4	Vinyl chloride	ND		4.9	0.59
1330-20-7	Xylenes, Total	ND		9.7	0.82

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	100		72-126
1868-53-7	Dibromofluoromethane (Surr)	107		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9738.D
Lims ID: 480-62605-A-1-A Lab Sample ID: 480-62605-1
Client ID: SB-5 7'
Sample Type: Client
Inject. Date: 08-Jul-2014 04:00:30 ALS Bottle#: 9 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62605-A-1-A
Misc. Info.: 480-0033566-016 =480-0033566-016
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 08:04:49 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: sobolr Date: 08-Jul-2014 08:05:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.474	-0.006	99	193066	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	84	394697	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	95	383956	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.939	0.006	58	219127	53.7	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	133072	51.2	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	791343	48.5	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	91	271057	49.9	
10 Dichlorodifluoromethane	85		1.952				ND	
12 Chloromethane	50		2.110				ND	
13 Vinyl chloride	62		2.226				ND	
14 Bromomethane	94		2.512				ND	
15 Chloroethane	64		2.579				ND	
17 Trichlorofluoromethane	101		2.804				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169				ND	
22 1,1-Dichloroethene	96		3.199				ND	
23 Acetone	43		3.248				ND	
26 Carbon disulfide	76		3.406				ND	
27 Methyl acetate	43		3.467				ND	
30 Methylene Chloride	84		3.588				ND	
32 Methyl tert-butyl ether	73		3.734				ND	
34 trans-1,2-Dichloroethene	96		3.771				ND	
39 1,1-Dichloroethane	63		4.106				ND	
43 2-Butanone (MEK)	43		4.550				ND	
45 cis-1,2-Dichloroethene	96		4.562				ND	
50 Chloroform	83		4.805				ND	
51 1,1,1-Trichloroethane	97		4.951				ND	
52 Cyclohexane	56		4.982				ND	
55 Carbon tetrachloride	117		5.079				ND	
57 Benzene	78		5.255				ND	
58 1,2-Dichloroethane	62		5.292				ND	
1 1,4-Difluorobenzene	114		5.535				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
62 Trichloroethene	95		5.779				ND	
64 Methylcyclohexane	83		5.918				ND	
65 1,2-Dichloropropane	63		6.004				ND	
68 Dichlorobromomethane	83		6.241				ND	
72 cis-1,3-Dichloropropene	75		6.624				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722				ND	
74 Toluene	92		6.916				ND	
77 trans-1,3-Dichloropropene	75		7.141				ND	
79 1,1,2-Trichloroethane	83		7.336				ND	
81 Tetrachloroethene	166		7.439				ND	
80 2-Hexanone	43		7.512				ND	
83 Chlorodibromomethane	129		7.750				ND	
84 Ethylene Dibromide	107		7.877				ND	
87 Chlorobenzene	112		8.328				ND	
88 Ethylbenzene	91		8.395				ND	
90 m-Xylene & p-Xylene	106		8.510				ND	
91 o-Xylene	106		8.942				ND	
92 Styrene	104		8.960				ND	
95 Bromoform	173		9.240				ND	
94 Isopropylbenzene	105		9.307				ND	
97 1,1,2,2-Tetrachloroethane	83		9.678				ND	
111 1,3-Dichlorobenzene	146		10.566				ND	
113 1,4-Dichlorobenzene	146		10.652				ND	
116 1,2-Dichlorobenzene	146		10.992				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.667				ND	
119 1,2,4-Trichlorobenzene	180		12.312				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

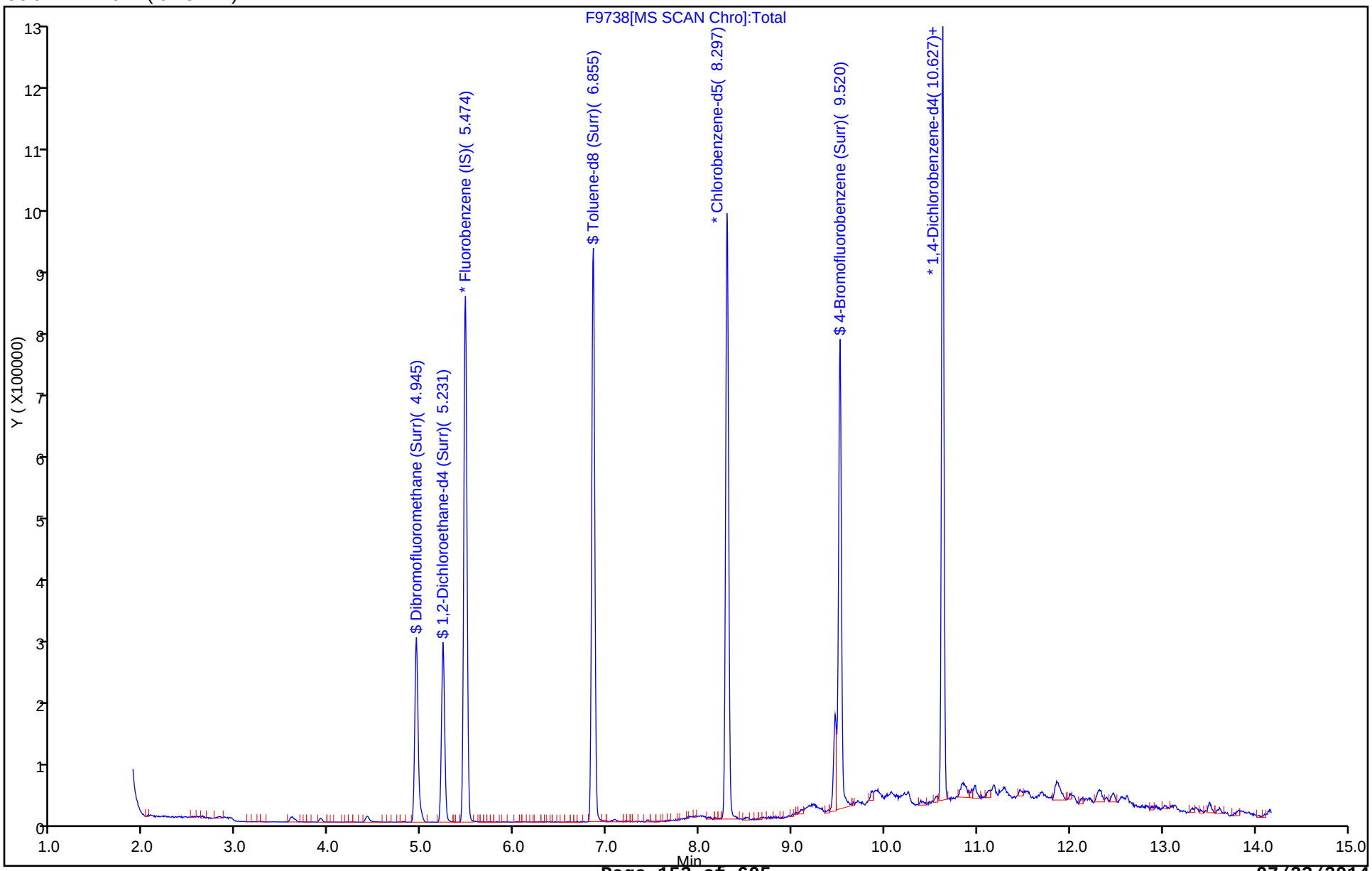
Report Date: 08-Jul-2014 08:05:06 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9738.D

Injection Date:	08-Jul-2014 04:00:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	480-62605-A-1-A	Lab Sample ID:	480-62605-1	Worklist Smp#:	16
Client ID:	SB-5 7'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-6 8' | Lab Sample ID: 480-62605-2

Matrix: Solid | Lab File ID: F9739.D

Analysis Method: 8260C | Date Collected: 06/24/2014 09:15

Sample wt/vol: 5.33(g) | Date Analyzed: 07/08/2014 04:26

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 8.6 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.1	0.37
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.1	0.83
79-00-5	1,1,2-Trichloroethane	ND		5.1	0.67
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	1.2
75-34-3	1,1-Dichloroethane	ND		5.1	0.63
75-35-4	1,1-Dichloroethene	ND		5.1	0.63
120-82-1	1,2,4-Trichlorobenzene	ND		5.1	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.1	2.6
95-50-1	1,2-Dichlorobenzene	ND		5.1	0.40
107-06-2	1,2-Dichloroethane	ND		5.1	0.26
78-87-5	1,2-Dichloropropane	ND		5.1	2.6
541-73-1	1,3-Dichlorobenzene	ND		5.1	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.1	0.72
78-93-3	2-Butanone (MEK)	ND		26	1.9
591-78-6	2-Hexanone	ND		26	2.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		26	1.7
67-64-1	Acetone	ND		26	4.3
71-43-2	Benzene	ND		5.1	0.25
75-27-4	Bromodichloromethane	ND		5.1	0.69
75-25-2	Bromoform	ND		5.1	2.6
74-83-9	Bromomethane	ND		5.1	0.46
75-15-0	Carbon disulfide	ND		5.1	2.6
56-23-5	Carbon tetrachloride	ND		5.1	0.50
108-90-7	Chlorobenzene	ND		5.1	0.68
124-48-1	Dibromochloromethane	ND		5.1	0.66
75-00-3	Chloroethane	ND		5.1	1.2
67-66-3	Chloroform	ND		5.1	0.32
74-87-3	Chloromethane	ND		5.1	0.31
156-59-2	cis-1,2-Dichloroethene	ND		5.1	0.66
10061-01-5	cis-1,3-Dichloropropene	ND		5.1	0.74
110-82-7	Cyclohexane	ND		5.1	0.72
75-71-8	Dichlorodifluoromethane	ND		5.1	0.42
100-41-4	Ethylbenzene	ND		5.1	0.35
106-93-4	1,2-Dibromoethane	ND		5.1	0.66
98-82-8	Isopropylbenzene	ND		5.1	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-6 8' | Lab Sample ID: 480-62605-2

Matrix: Solid | Lab File ID: F9739.D

Analysis Method: 8260C | Date Collected: 06/24/2014 09:15

Sample wt/vol: 5.33(g) | Date Analyzed: 07/08/2014 04:26

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 8.6 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.1	3.1
1634-04-4	Methyl tert-butyl ether	ND		5.1	0.50
108-87-2	Methylcyclohexane	ND		5.1	0.78
75-09-2	Methylene Chloride	ND		5.1	2.4
100-42-5	Styrene	ND		5.1	0.26
127-18-4	Tetrachloroethene	1.9	J	5.1	0.69
108-88-3	Toluene	ND		5.1	0.39
156-60-5	trans-1,2-Dichloroethene	ND		5.1	0.53
10061-02-6	trans-1,3-Dichloropropene	ND		5.1	2.3
79-01-6	Trichloroethene	ND		5.1	1.1
75-69-4	Trichlorofluoromethane	ND		5.1	0.49
75-01-4	Vinyl chloride	ND		5.1	0.63
1330-20-7	Xylenes, Total	ND		10	0.86

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		64-126
460-00-4	4-Bromofluorobenzene (Surr)	99		72-126
1868-53-7	Dibromofluoromethane (Surr)	107		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9739.D
Lims ID: 480-62605-A-2-A Lab Sample ID: 480-62605-2
Client ID: SB-6 8'
Sample Type: Client
Inject. Date: 08-Jul-2014 04:26:30 ALS Bottle#: 10 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62605-A-2-A
Misc. Info.: 480-0033566-017 =480-0033566-017
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 08:04:49 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: sobolr Date: 08-Jul-2014 08:05:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	99	190995	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	86	387373	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	95	369047	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.939	0.006	58	215855	53.5	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	133593	52.0	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	782728	48.8	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	91	265062	49.7	
10 Dichlorodifluoromethane	85		1.952				ND	
12 Chloromethane	50		2.110				ND	
13 Vinyl chloride	62		2.226				ND	
14 Bromomethane	94		2.512				ND	
15 Chloroethane	64		2.579				ND	
17 Trichlorofluoromethane	101		2.804				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169				ND	
22 1,1-Dichloroethene	96		3.199				ND	
23 Acetone	43		3.248				ND	
26 Carbon disulfide	76		3.406				ND	
27 Methyl acetate	43		3.467				ND	
30 Methylene Chloride	84		3.588				ND	
32 Methyl tert-butyl ether	73		3.734				ND	
34 trans-1,2-Dichloroethene	96		3.771				ND	
39 1,1-Dichloroethane	63		4.106				ND	
43 2-Butanone (MEK)	43		4.550				ND	
45 cis-1,2-Dichloroethene	96		4.562				ND	
50 Chloroform	83		4.805				ND	
51 1,1,1-Trichloroethane	97		4.951				ND	
52 Cyclohexane	56		4.982				ND	
55 Carbon tetrachloride	117		5.079				ND	
57 Benzene	78		5.255				ND	
58 1,2-Dichloroethane	62		5.292				ND	
1 1,4-Difluorobenzene	114		5.535				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
62 Trichloroethene	95		5.779				ND	
64 Methylcyclohexane	83		5.918				ND	
65 1,2-Dichloropropane	63		6.004				ND	
68 Dichlorobromomethane	83		6.241				ND	
72 cis-1,3-Dichloropropene	75		6.624				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722				ND	
74 Toluene	92		6.916				ND	
77 trans-1,3-Dichloropropene	75		7.141				ND	
79 1,1,2-Trichloroethane	83		7.336				ND	
81 Tetrachloroethene	166	7.445	7.439	0.006	80	10788	1.88	
80 2-Hexanone	43		7.512				ND	
83 Chlorodibromomethane	129		7.750				ND	
84 Ethylene Dibromide	107		7.877				ND	
87 Chlorobenzene	112		8.328				ND	
88 Ethylbenzene	91		8.395				ND	
90 m-Xylene & p-Xylene	106		8.510				ND	
91 o-Xylene	106		8.942				ND	
92 Styrene	104		8.960				ND	
95 Bromoform	173		9.240				ND	
94 Isopropylbenzene	105		9.307				ND	
97 1,1,2,2-Tetrachloroethane	83		9.678				ND	
111 1,3-Dichlorobenzene	146		10.566				ND	
113 1,4-Dichlorobenzene	146		10.652				ND	
116 1,2-Dichlorobenzene	146		10.992				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.667				ND	
119 1,2,4-Trichlorobenzene	180		12.312				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

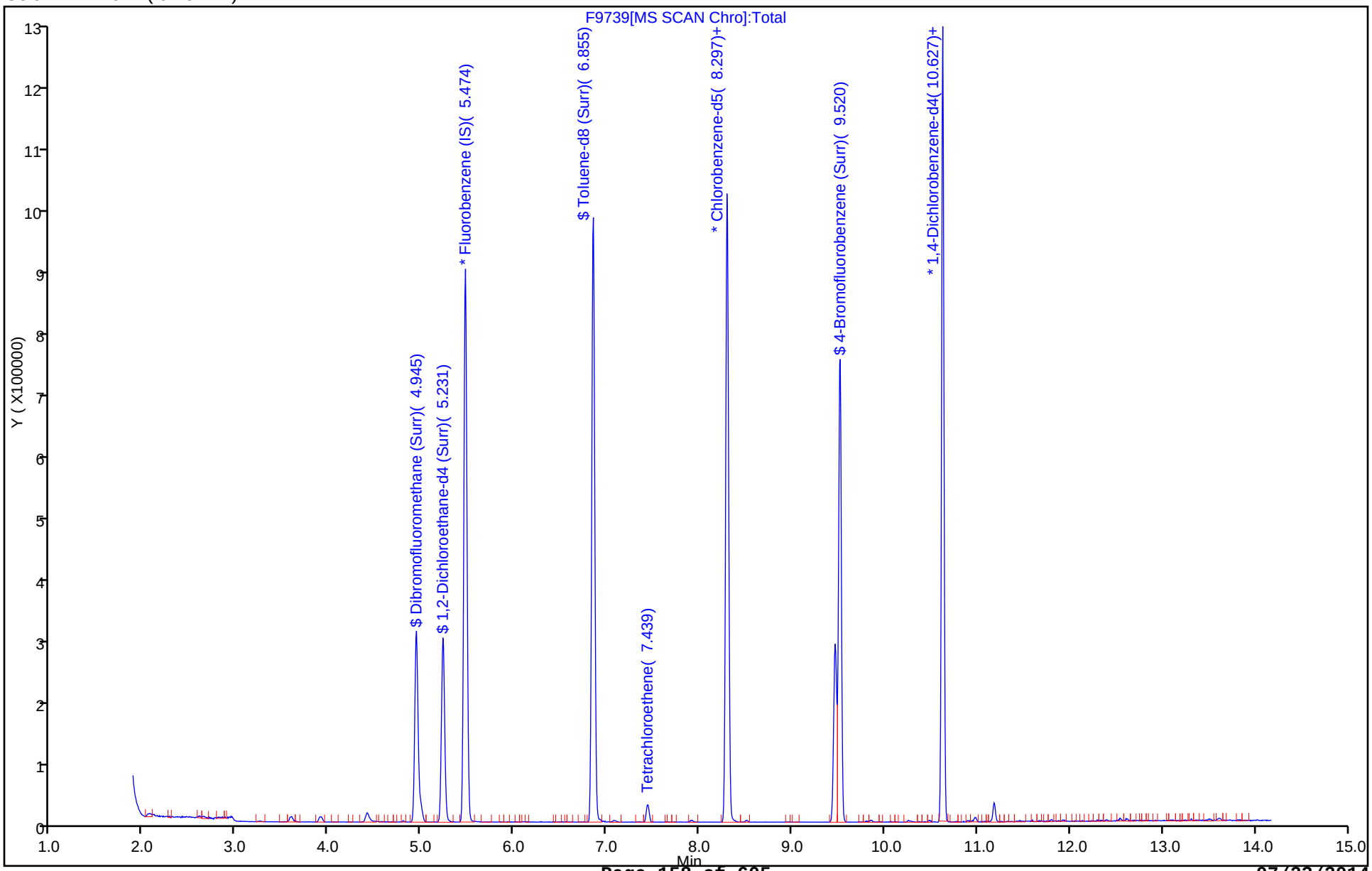
Report Date: 08-Jul-2014 08:05:23 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9739.D

Injection Date:	08-Jul-2014 04:26:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	480-62605-A-2-A	Lab Sample ID:	480-62605-2	Worklist Smp#:	17
Client ID:	SB-6 8'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



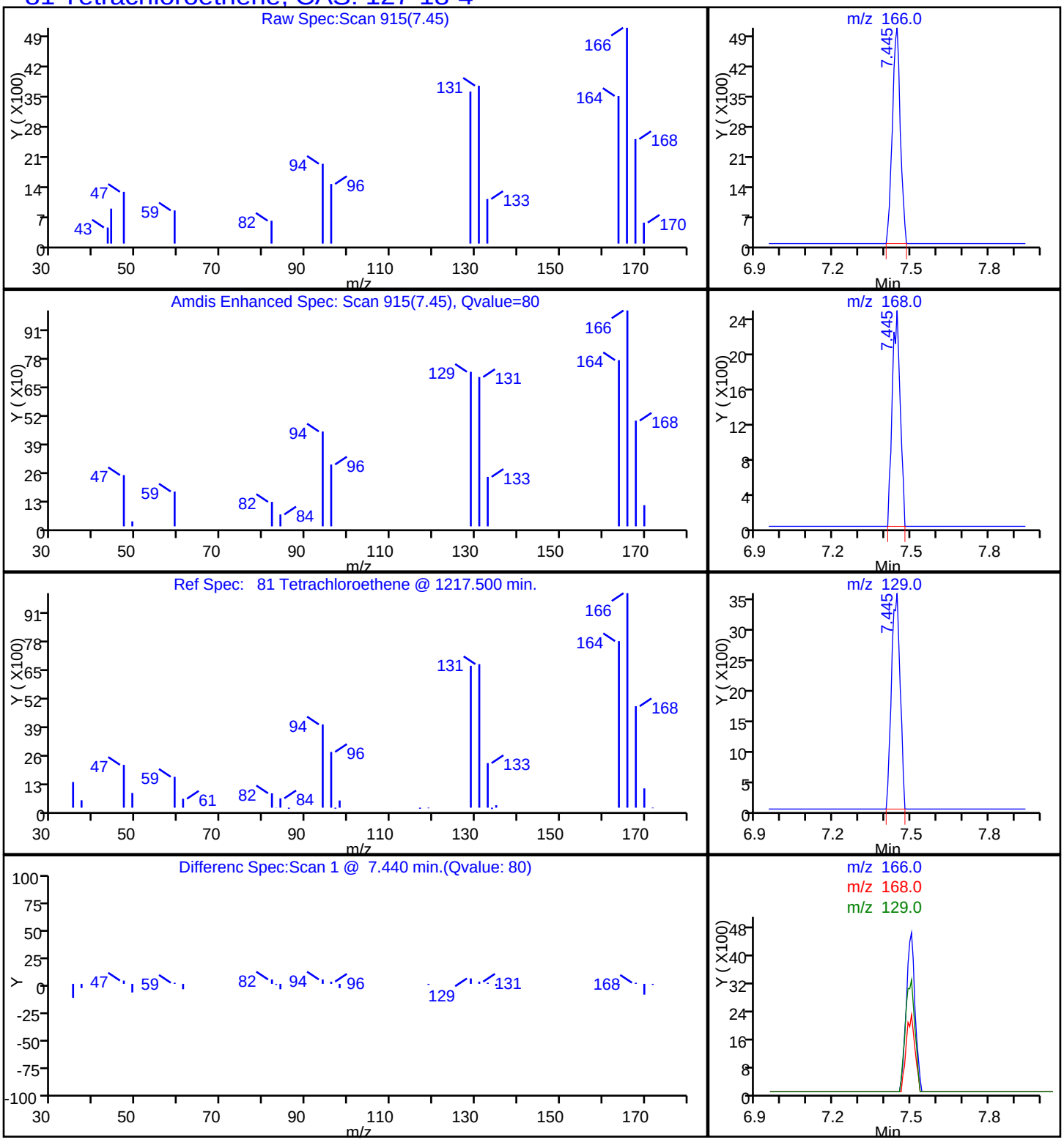
Report Date: 08-Jul-2014 08:05:23 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9739.D

Injection Date:	08-Jul-2014 04:26:30	Instrument ID:	HP5973F		
Lims ID:	480-62605-A-2-A	Lab Sample ID:	480-62605-2		
Client ID:	SB-6 8'				
Operator ID:	CDC	ALS Bottle#:	10	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-7 8' | Lab Sample ID: 480-62605-3

Matrix: Solid | Lab File ID: F9740.D

Analysis Method: 8260C | Date Collected: 06/24/2014 10:10

Sample wt/vol: 5.68(g) | Date Analyzed: 07/08/2014 04:52

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.3	0.38
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.3	0.85
79-00-5	1,1,2-Trichloroethane	ND		5.3	0.68
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.2
75-34-3	1,1-Dichloroethane	ND		5.3	0.64
75-35-4	1,1-Dichloroethene	ND		5.3	0.64
120-82-1	1,2,4-Trichlorobenzene	ND		5.3	0.32
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.3	2.6
95-50-1	1,2-Dichlorobenzene	ND		5.3	0.41
107-06-2	1,2-Dichloroethane	ND		5.3	0.26
78-87-5	1,2-Dichloropropane	ND		5.3	2.6
541-73-1	1,3-Dichlorobenzene	ND		5.3	0.27
106-46-7	1,4-Dichlorobenzene	ND		5.3	0.74
78-93-3	2-Butanone (MEK)	ND		26	1.9
591-78-6	2-Hexanone	ND		26	2.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		26	1.7
67-64-1	Acetone	ND		26	4.4
71-43-2	Benzene	ND		5.3	0.26
75-27-4	Bromodichloromethane	ND		5.3	0.70
75-25-2	Bromoform	ND		5.3	2.6
74-83-9	Bromomethane	ND		5.3	0.47
75-15-0	Carbon disulfide	ND		5.3	2.6
56-23-5	Carbon tetrachloride	ND		5.3	0.51
108-90-7	Chlorobenzene	ND		5.3	0.69
124-48-1	Dibromochloromethane	ND		5.3	0.67
75-00-3	Chloroethane	ND		5.3	1.2
67-66-3	Chloroform	ND		5.3	0.32
74-87-3	Chloromethane	ND		5.3	0.32
156-59-2	cis-1,2-Dichloroethene	ND		5.3	0.67
10061-01-5	cis-1,3-Dichloropropene	ND		5.3	0.76
110-82-7	Cyclohexane	ND		5.3	0.74
75-71-8	Dichlorodifluoromethane	ND		5.3	0.43
100-41-4	Ethylbenzene	ND		5.3	0.36
106-93-4	1,2-Dibromoethane	ND		5.3	0.67
98-82-8	Isopropylbenzene	ND		5.3	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-7 8' | Lab Sample ID: 480-62605-3

Matrix: Solid | Lab File ID: F9740.D

Analysis Method: 8260C | Date Collected: 06/24/2014 10:10

Sample wt/vol: 5.68(g) | Date Analyzed: 07/08/2014 04:52

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.3	3.2
1634-04-4	Methyl tert-butyl ether	ND		5.3	0.52
108-87-2	Methylcyclohexane	ND		5.3	0.80
75-09-2	Methylene Chloride	ND		5.3	2.4
100-42-5	Styrene	ND		5.3	0.26
127-18-4	Tetrachloroethene	8.3		5.3	0.71
108-88-3	Toluene	ND		5.3	0.40
156-60-5	trans-1,2-Dichloroethene	ND		5.3	0.54
10061-02-6	trans-1,3-Dichloropropene	ND		5.3	2.3
79-01-6	Trichloroethene	ND		5.3	1.2
75-69-4	Trichlorofluoromethane	ND		5.3	0.50
75-01-4	Vinyl chloride	ND		5.3	0.64
1330-20-7	Xylenes, Total	ND		11	0.88

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		64-126
460-00-4	4-Bromofluorobenzene (Surr)	98		72-126
1868-53-7	Dibromofluoromethane (Surr)	106		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9740.D
Lims ID: 480-62605-A-3-A Lab Sample ID: 480-62605-3
Client ID: SB-7 8'
Sample Type: Client
Inject. Date: 08-Jul-2014 04:52:30 ALS Bottle#: 11 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62605-A-3-A
Misc. Info.: 480-0033566-018 =480-0033566-018
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 08:04:49 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: sobolr Date: 08-Jul-2014 08:05:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.474	-0.006	99	191879	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	85	383560	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	94	363253	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.939	0.006	58	214329	52.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	130932	50.7	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	781319	49.2	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	90	258835	49.1	
10 Dichlorodifluoromethane	85		1.952				ND	
12 Chloromethane	50		2.110				ND	
13 Vinyl chloride	62		2.226				ND	
14 Bromomethane	94		2.512				ND	
15 Chloroethane	64		2.579				ND	
17 Trichlorofluoromethane	101		2.804				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169				ND	
22 1,1-Dichloroethene	96		3.199				ND	
23 Acetone	43		3.248				ND	
26 Carbon disulfide	76		3.406				ND	
27 Methyl acetate	43		3.467				ND	
30 Methylene Chloride	84		3.588				ND	
32 Methyl tert-butyl ether	73		3.734				ND	
34 trans-1,2-Dichloroethene	96		3.771				ND	
39 1,1-Dichloroethane	63		4.106				ND	
43 2-Butanone (MEK)	43		4.550				ND	
45 cis-1,2-Dichloroethene	96		4.562				ND	
50 Chloroform	83		4.805				ND	
51 1,1,1-Trichloroethane	97		4.951				ND	
52 Cyclohexane	56		4.982				ND	
55 Carbon tetrachloride	117		5.079				ND	
57 Benzene	78		5.255				ND	
58 1,2-Dichloroethane	62		5.292				ND	
1 1,4-Difluorobenzene	114		5.535				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
62 Trichloroethene	95		5.779				ND	
64 Methylcyclohexane	83		5.918				ND	
65 1,2-Dichloropropane	63		6.004				ND	
68 Dichlorobromomethane	83		6.241				ND	
72 cis-1,3-Dichloropropene	75		6.624				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722				ND	
74 Toluene	92		6.916				ND	
77 trans-1,3-Dichloropropene	75		7.141				ND	
79 1,1,2-Trichloroethane	83		7.336				ND	
81 Tetrachloroethene	166	7.439	7.439	0.000	97	44942	7.89	
80 2-Hexanone	43		7.512				ND	
83 Chlorodibromomethane	129		7.750				ND	
84 Ethylene Dibromide	107		7.877				ND	
87 Chlorobenzene	112		8.328				ND	
88 Ethylbenzene	91		8.395				ND	
90 m-Xylene & p-Xylene	106		8.510				ND	
91 o-Xylene	106		8.942				ND	
92 Styrene	104		8.960				ND	
95 Bromoform	173		9.240				ND	
94 Isopropylbenzene	105		9.307				ND	
97 1,1,2,2-Tetrachloroethane	83		9.678				ND	
111 1,3-Dichlorobenzene	146		10.566				ND	
113 1,4-Dichlorobenzene	146		10.652				ND	
116 1,2-Dichlorobenzene	146		10.992				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.667				ND	
119 1,2,4-Trichlorobenzene	180		12.312				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

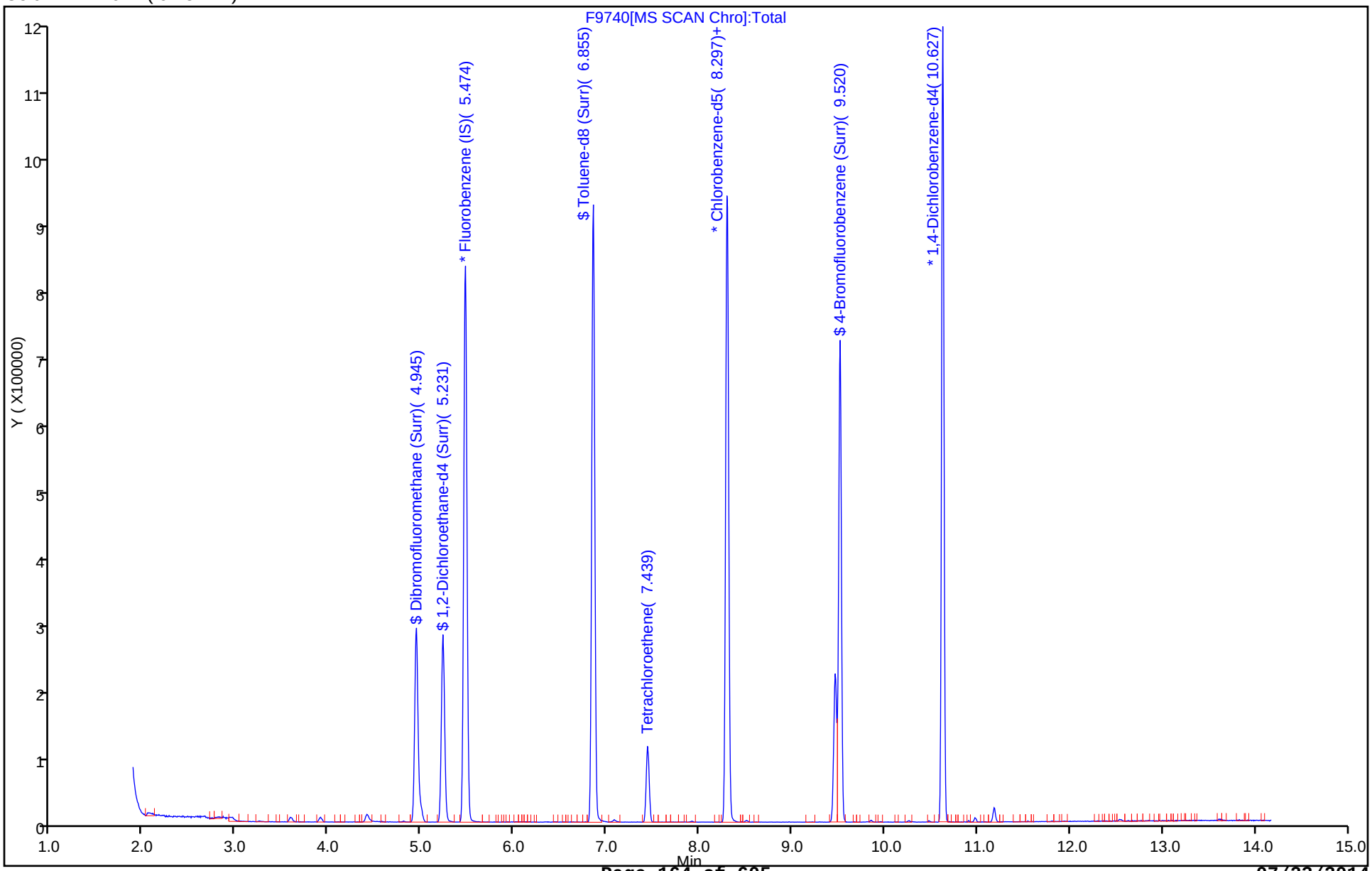
Report Date: 08-Jul-2014 08:05:41 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9740.D

Injection Date:	08-Jul-2014 04:52:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	480-62605-A-3-A	Lab Sample ID:	480-62605-3	Worklist Smp#:	18
Client ID:	SB-7 8'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



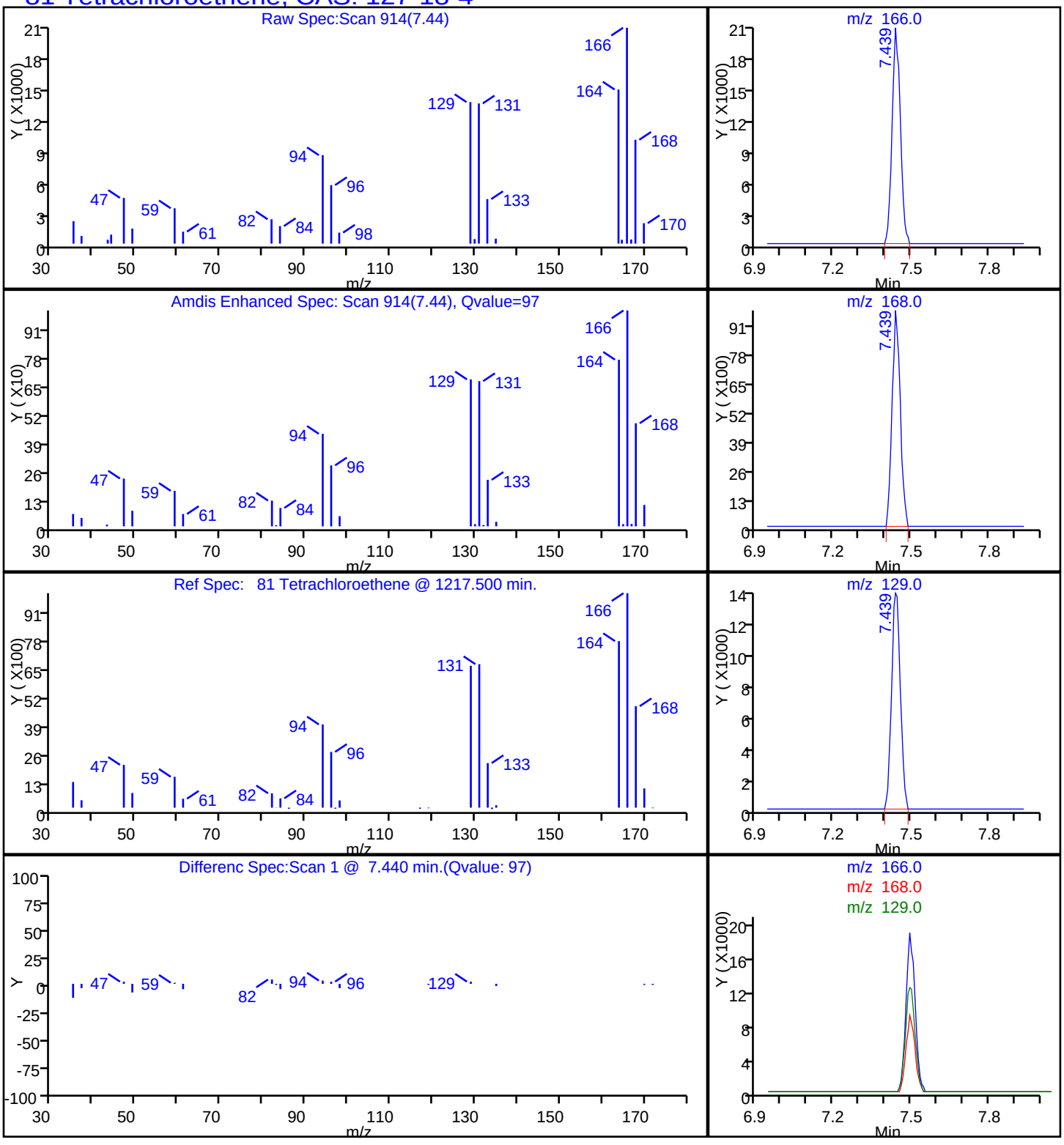
Report Date: 08-Jul-2014 08:05:41 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9740.D

Injection Date:	08-Jul-2014 04:52:30	Instrument ID:	HP5973F
Lims ID:	480-62605-A-3-A	Lab Sample ID:	480-62605-3
Client ID:	SB-7 8'		
Operator ID:	CDC	ALS Bottle#:	11 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-8 10' | Lab Sample ID: 480-62605-4

Matrix: Solid | Lab File ID: F9743.D

Analysis Method: 8260C | Date Collected: 06/24/2014 11:30

Sample wt/vol: 5.88(g) | Date Analyzed: 07/08/2014 06:09

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.6 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.9	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.9	0.80
79-00-5	1,1,2-Trichloroethane	ND		4.9	0.64
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	1.1
75-34-3	1,1-Dichloroethane	ND		4.9	0.60
75-35-4	1,1-Dichloroethene	ND		4.9	0.60
120-82-1	1,2,4-Trichlorobenzene	ND		4.9	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.9	2.5
95-50-1	1,2-Dichlorobenzene	ND		4.9	0.38
107-06-2	1,2-Dichloroethane	ND		4.9	0.25
78-87-5	1,2-Dichloropropane	ND		4.9	2.5
541-73-1	1,3-Dichlorobenzene	ND		4.9	0.25
106-46-7	1,4-Dichlorobenzene	ND		4.9	0.69
78-93-3	2-Butanone (MEK)	ND		25	1.8
591-78-6	2-Hexanone	ND		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	ND		25	4.1
71-43-2	Benzene	ND		4.9	0.24
75-27-4	Bromodichloromethane	ND		4.9	0.66
75-25-2	Bromoform	ND		4.9	2.5
74-83-9	Bromomethane	ND		4.9	0.44
75-15-0	Carbon disulfide	ND		4.9	2.5
56-23-5	Carbon tetrachloride	ND		4.9	0.48
108-90-7	Chlorobenzene	ND		4.9	0.65
124-48-1	Dibromochloromethane	ND		4.9	0.63
75-00-3	Chloroethane	ND		4.9	1.1
67-66-3	Chloroform	ND		4.9	0.30
74-87-3	Chloromethane	ND		4.9	0.30
156-59-2	cis-1,2-Dichloroethene	ND		4.9	0.63
10061-01-5	cis-1,3-Dichloropropene	ND		4.9	0.71
110-82-7	Cyclohexane	ND		4.9	0.69
75-71-8	Dichlorodifluoromethane	ND		4.9	0.41
100-41-4	Ethylbenzene	ND		4.9	0.34
106-93-4	1,2-Dibromoethane	ND		4.9	0.63
98-82-8	Isopropylbenzene	ND		4.9	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-8 10' | Lab Sample ID: 480-62605-4

Matrix: Solid | Lab File ID: F9743.D

Analysis Method: 8260C | Date Collected: 06/24/2014 11:30

Sample wt/vol: 5.88(g) | Date Analyzed: 07/08/2014 06:09

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 13.6 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		4.9	3.0
1634-04-4	Methyl tert-butyl ether	ND		4.9	0.48
108-87-2	Methylcyclohexane	ND		4.9	0.75
75-09-2	Methylene Chloride	ND		4.9	2.3
100-42-5	Styrene	ND		4.9	0.25
127-18-4	Tetrachloroethene	ND		4.9	0.66
108-88-3	Toluene	ND		4.9	0.37
156-60-5	trans-1,2-Dichloroethene	ND		4.9	0.51
10061-02-6	trans-1,3-Dichloropropene	ND		4.9	2.2
79-01-6	Trichloroethene	ND		4.9	1.1
75-69-4	Trichlorofluoromethane	ND		4.9	0.47
75-01-4	Vinyl chloride	ND		4.9	0.60
1330-20-7	Xylenes, Total	ND		9.8	0.83

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	99		72-126
1868-53-7	Dibromofluoromethane (Surr)	108		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9743.D
Lims ID: 480-62605-A-4-A Lab Sample ID: 480-62605-4
Client ID: SB-8 10'
Sample Type: Client
Inject. Date: 08-Jul-2014 06:09:30 ALS Bottle#: 14 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62605-A-4-A
Misc. Info.: 480-0033566-021 =480-0033566-021
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 08:04:49 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: sobolr Date: 08-Jul-2014 08:06:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	99	186711	50.0	
* 2 Chlorobenzene-d5	82	8.303	8.297	0.006	86	377624	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	95	354659	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.939	0.006	57	213137	54.0	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	129209	51.4	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	771299	49.4	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	90	256680	49.4	
10 Dichlorodifluoromethane	85		1.952				ND	
12 Chloromethane	50		2.110				ND	
13 Vinyl chloride	62		2.226				ND	
14 Bromomethane	94		2.512				ND	
15 Chloroethane	64		2.579				ND	
17 Trichlorofluoromethane	101		2.804				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169				ND	
22 1,1-Dichloroethene	96		3.199				ND	
23 Acetone	43		3.248				ND	
26 Carbon disulfide	76		3.406				ND	
27 Methyl acetate	43		3.467				ND	
30 Methylene Chloride	84		3.588				ND	
32 Methyl tert-butyl ether	73		3.734				ND	
34 trans-1,2-Dichloroethene	96		3.771				ND	
39 1,1-Dichloroethane	63		4.106				ND	
43 2-Butanone (MEK)	43		4.550				ND	
45 cis-1,2-Dichloroethene	96		4.562				ND	
50 Chloroform	83		4.805				ND	
51 1,1,1-Trichloroethane	97		4.951				ND	
52 Cyclohexane	56		4.982				ND	
55 Carbon tetrachloride	117		5.079				ND	
57 Benzene	78		5.255				ND	
58 1,2-Dichloroethane	62		5.292				ND	
1 1,4-Difluorobenzene	114		5.535				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/kg	Flags
62 Trichloroethene	95		5.779				ND	
64 Methylcyclohexane	83		5.918				ND	
65 1,2-Dichloropropane	63		6.004				ND	
68 Dichlorobromomethane	83		6.241				ND	
72 cis-1,3-Dichloropropene	75		6.624				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722				ND	
74 Toluene	92		6.916				ND	
77 trans-1,3-Dichloropropene	75		7.141				ND	
79 1,1,2-Trichloroethane	83		7.336				ND	
81 Tetrachloroethene	166		7.439				ND	
80 2-Hexanone	43		7.512				ND	
83 Chlorodibromomethane	129		7.750				ND	
84 Ethylene Dibromide	107		7.877				ND	
87 Chlorobenzene	112		8.328				ND	
88 Ethylbenzene	91		8.395				ND	
90 m-Xylene & p-Xylene	106		8.510				ND	
91 o-Xylene	106		8.942				ND	
92 Styrene	104		8.960				ND	
95 Bromoform	173		9.240				ND	
94 Isopropylbenzene	105		9.307				ND	
97 1,1,2,2-Tetrachloroethane	83		9.678				ND	
111 1,3-Dichlorobenzene	146		10.566				ND	
113 1,4-Dichlorobenzene	146		10.652				ND	
116 1,2-Dichlorobenzene	146		10.992				ND	
117 1,2-Dibromo-3-Chloropropan	75		11.667				ND	
119 1,2,4-Trichlorobenzene	180		12.312				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

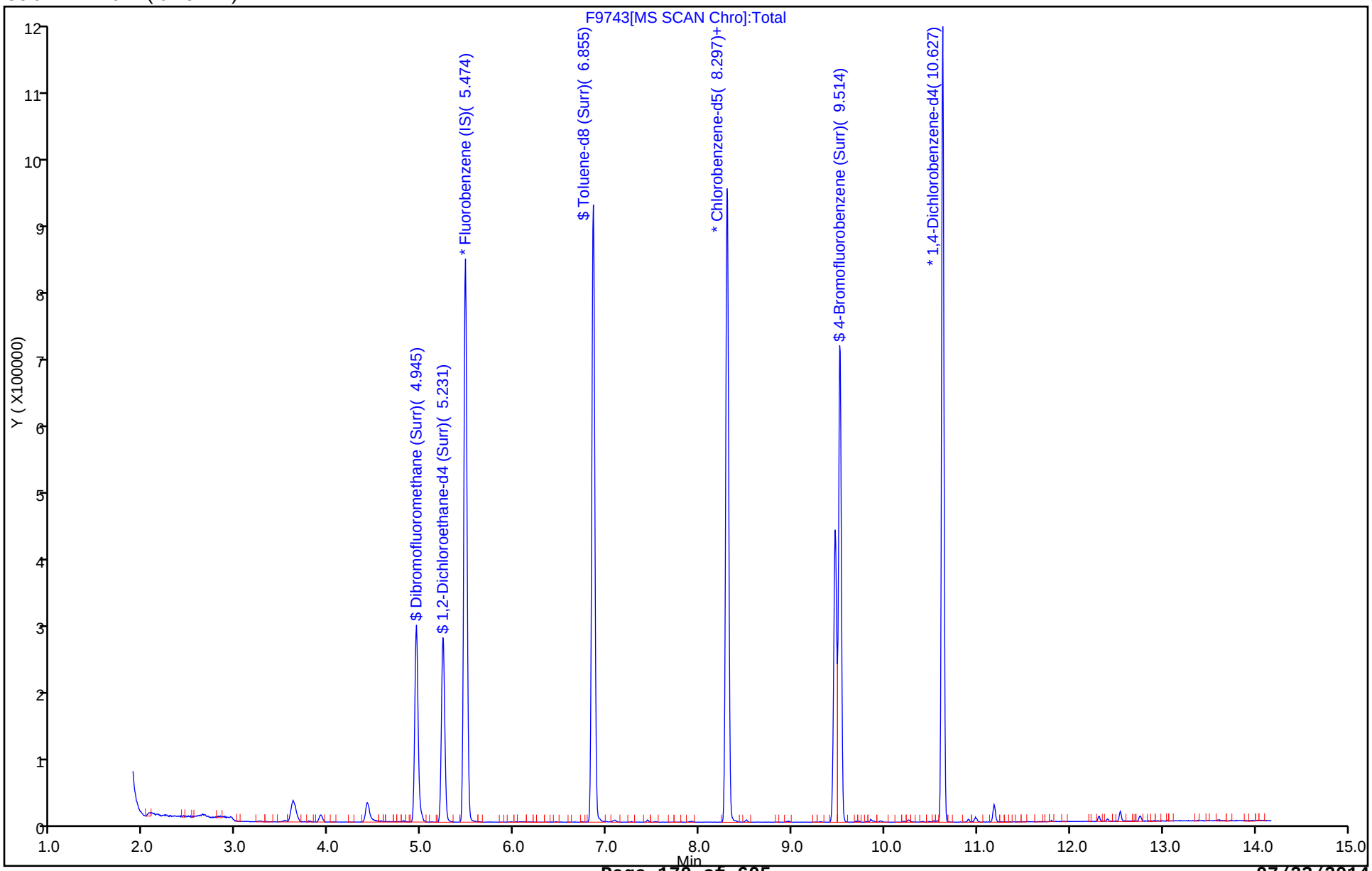
Report Date: 08-Jul-2014 08:06:43 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9743.D

Injection Date:	08-Jul-2014 06:09:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	480-62605-A-4-A	Lab Sample ID:	480-62605-4	Worklist Smp#:	21
Client ID:	SB-8 10'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: Drums | Lab Sample ID: 480-63021-1

Matrix: Solid (TCLP) | Lab File ID: S39990.D

Analysis Method: 8260C | Date Collected: 06/24/2014 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/07/2014 19:41

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 10

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

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

Analysis Batch No.: 191393 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0041
56-23-5	Carbon tetrachloride	ND		0.010	0.0027
108-90-7	Chlorobenzene	ND		0.010	0.0075
67-66-3	Chloroform	ND		0.010	0.0034
107-06-2	1,2-Dichloroethane	ND		0.010	0.0021
75-35-4	1,1-Dichloroethene	ND		0.010	0.0029
78-93-3	2-Butanone (MEK)	ND		0.050	0.013
127-18-4	Tetrachloroethene	ND		0.010	0.0036
79-01-6	Trichloroethene	ND		0.010	0.0046
75-01-4	Vinyl chloride	ND		0.010	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	95		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39990.D
Lims ID: 480-63021-A-1-A Lab Sample ID: 480-63021-1
Client ID: Drums
Sample Type: Client
Inject. Date: 07-Jul-2014 19:41:30 ALS Bottle#: 16 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 480-63021-A-1-A
Misc. Info.: 480-0033550-026 =480-0033550-026
Operator ID: NQ Instrument ID: HP5973S

Method: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 10:21:00 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: nguyendudziaknq Date: 08-Jul-2014 10:21:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	200589	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	390743	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.696	8.696	0.000	96	321084	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.060	4.060	0.000	58	208075	23.7	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	167291	25.6	
$ 5 Toluene-d8 (Surr)	98	5.696	5.696	0.000	94	946219	25.3	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	88	287532	23.9	
13 Vinyl chloride	62		1.413				ND	
22 1,1-Dichloroethene	96		2.320				ND	
43 2-Butanone (MEK)	43		3.725				ND	
50 Chloroform	83		3.938				ND	
55 Carbon tetrachloride	117		4.139				ND	
57 Benzene	78		4.315				ND	
58 1,2-Dichloroethane	62		4.370				ND	
1 1,4-Difluorobenzene	114		4.613				ND	
62 Trichloroethene	95		4.790				ND	
81 Tetrachloroethene	166	6.147	6.146	0.001	71	2907	0.2435	
87 Chlorobenzene	112		6.846				ND	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

S_8260_Surr_00089	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent

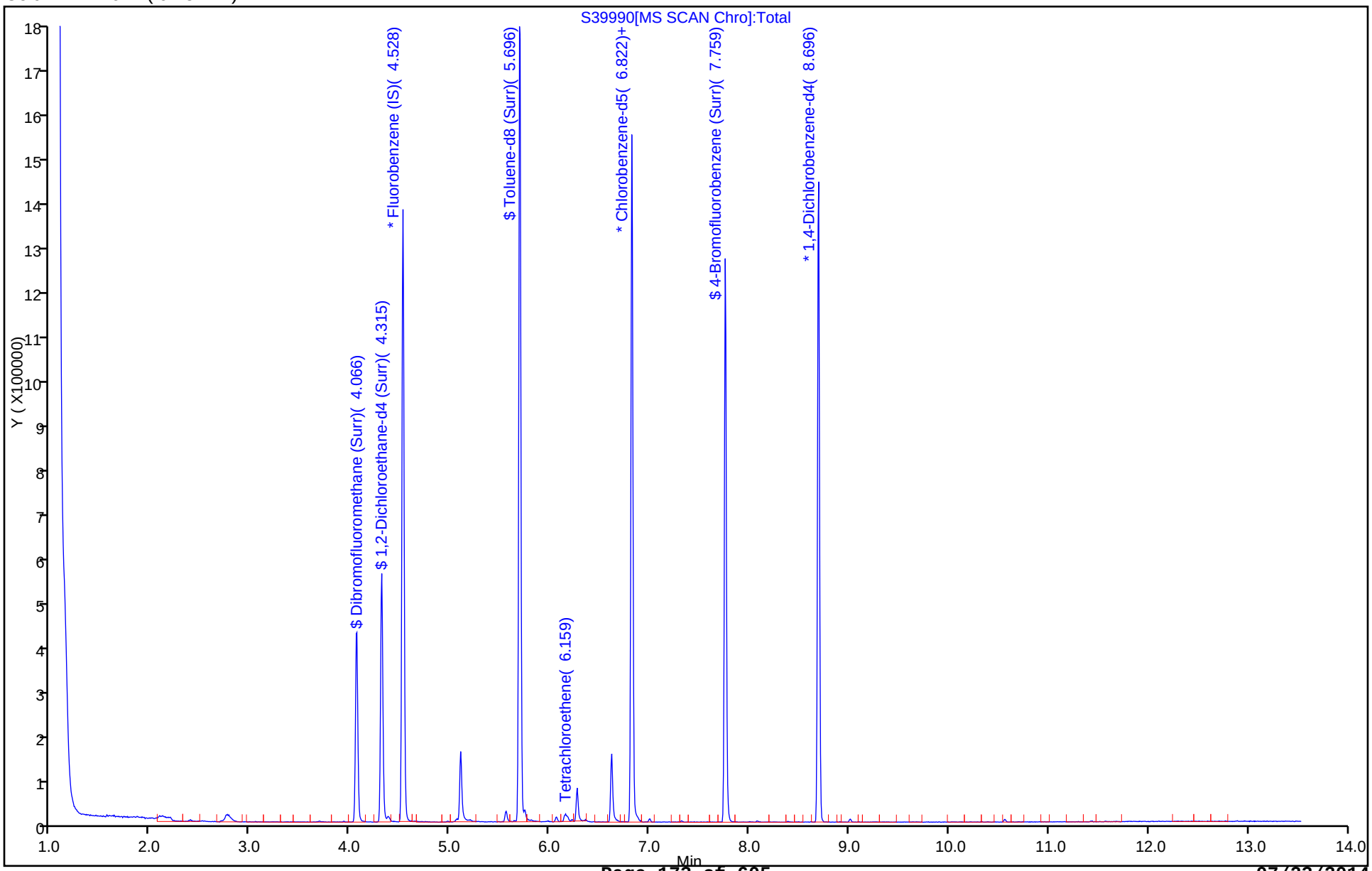
Report Date: 08-Jul-2014 10:21:10 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39990.D

Injection Date:	07-Jul-2014 19:41:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	480-63021-A-1-A	Lab Sample ID:	480-63021-1	Worklist Smp#:	26
Client ID:	Drums				
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	16
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 480-63231-1

Matrix: Water | Lab File ID: T3221.D

Analysis Method: 8260C | Date Collected: 07/02/2014 09:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 03:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192459 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-62518-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 480-63231-1

Matrix: Water | Lab File ID: T3221.D

Analysis Method: 8260C | Date Collected: 07/02/2014 09:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 03:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	91		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	0.50	J	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)	106		66-137
2037-26-5	Toluene-d8 (Surr)	97		71-126
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3221.D
Lims ID: 480-63231-A-1 Lab Sample ID: 480-63231-1
Client ID: MW-6
Sample Type: Client
Inject. Date: 12-Jul-2014 03:50:30 ALS Bottle#: 22 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-1
Misc. Info.: 480-0033721-016
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:38:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	97	423498	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	87	326268	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	155324	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	61	109155	25.5	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	142865	26.5	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	96	399831	24.3	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	92	118140	24.3	
11 Dichlorodifluoromethane	85		0.905				ND	
13 Chloromethane	50		1.019				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.962				ND	
23 Acetone	43	2.118	2.107	0.011	86	5237	2.33	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.366				ND	
30 Methylene Chloride	84		2.429				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96		3.475				ND	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
52 Cyclohexane	56		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95	4.605	4.605	0.000	59	2403	0.5030	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.802				ND	
67 Dichlorobromomethane	83		5.030				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166	5.963	5.962	0.001	85	453716	91.1	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.133				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

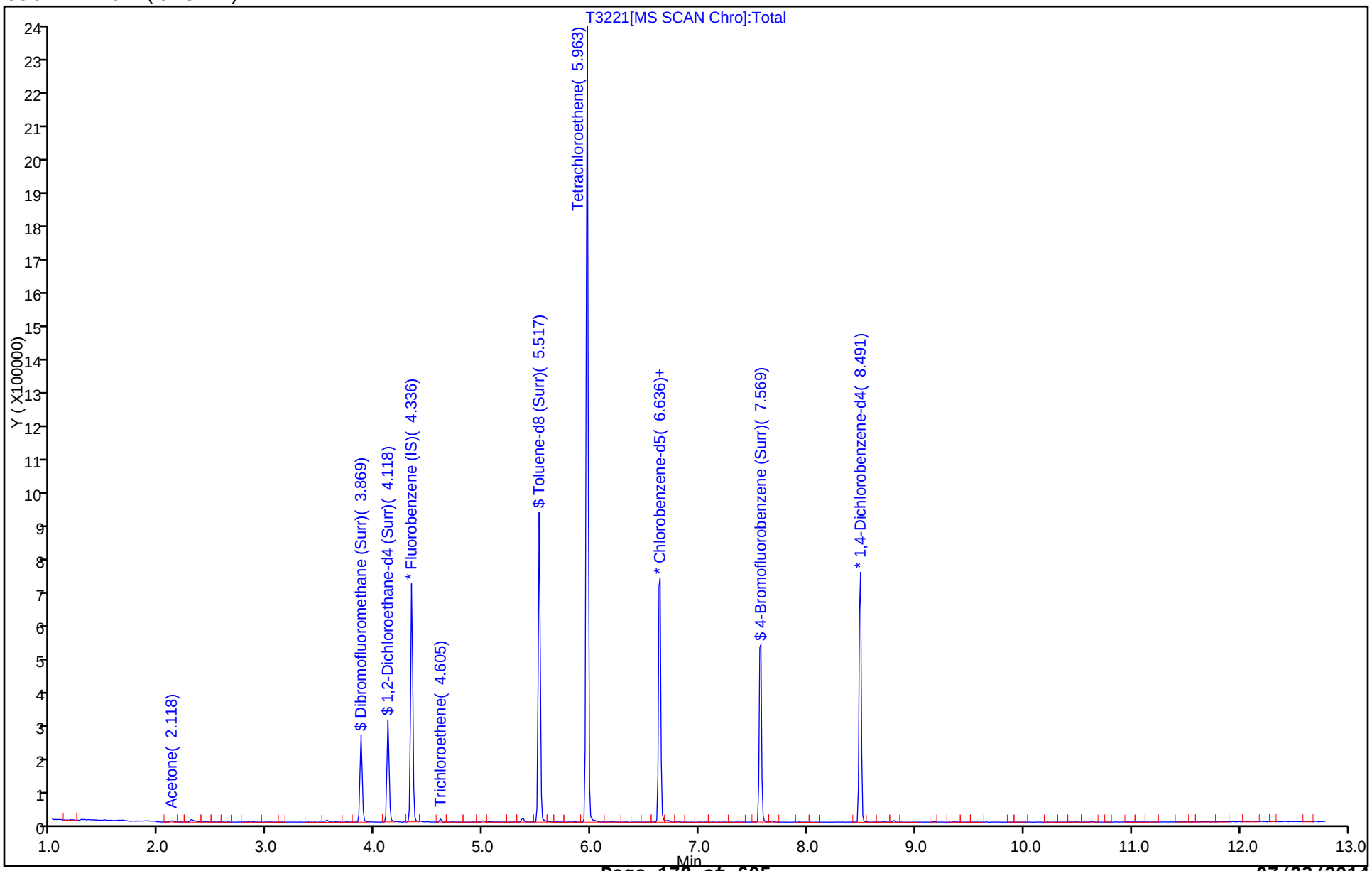
Report Date: 13-Jul-2014 19:38:28 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3221.D

Injection Date:	12-Jul-2014 03:50:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-1	Lab Sample ID:	480-63231-1	Worklist Smp#:	16
Client ID:	MW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



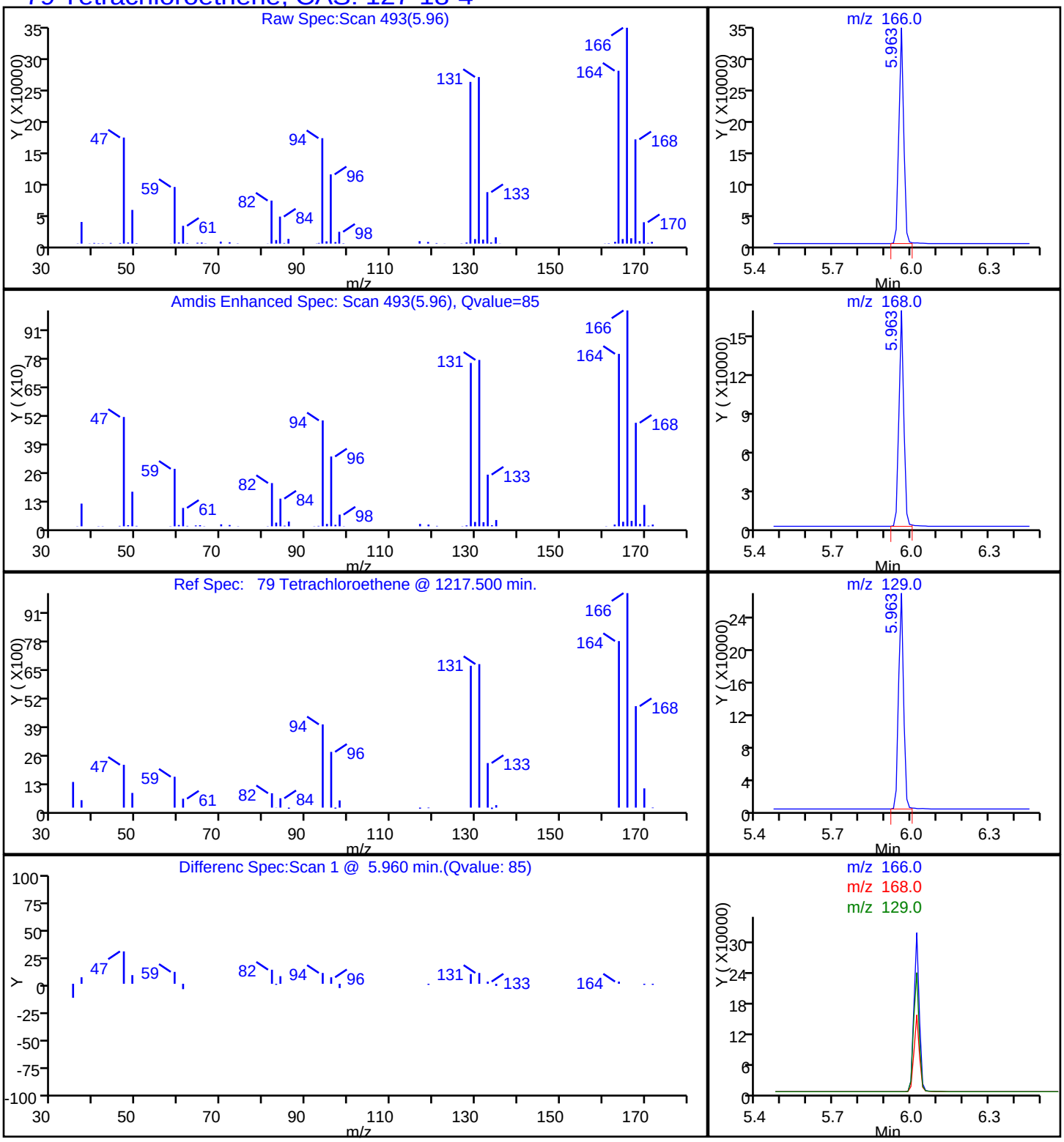
Report Date: 13-Jul-2014 19:38:28 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3221.D

Injection Date:	12-Jul-2014 03:50:30	Instrument ID:	HP5975T		
Lims ID:	480-63231-A-1	Lab Sample ID:	480-63231-1		
Client ID:	MW-6				
Operator ID:	gtg	ALS Bottle#:	22	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	T-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

79 Tetrachloroethene, CAS: 127-18-4

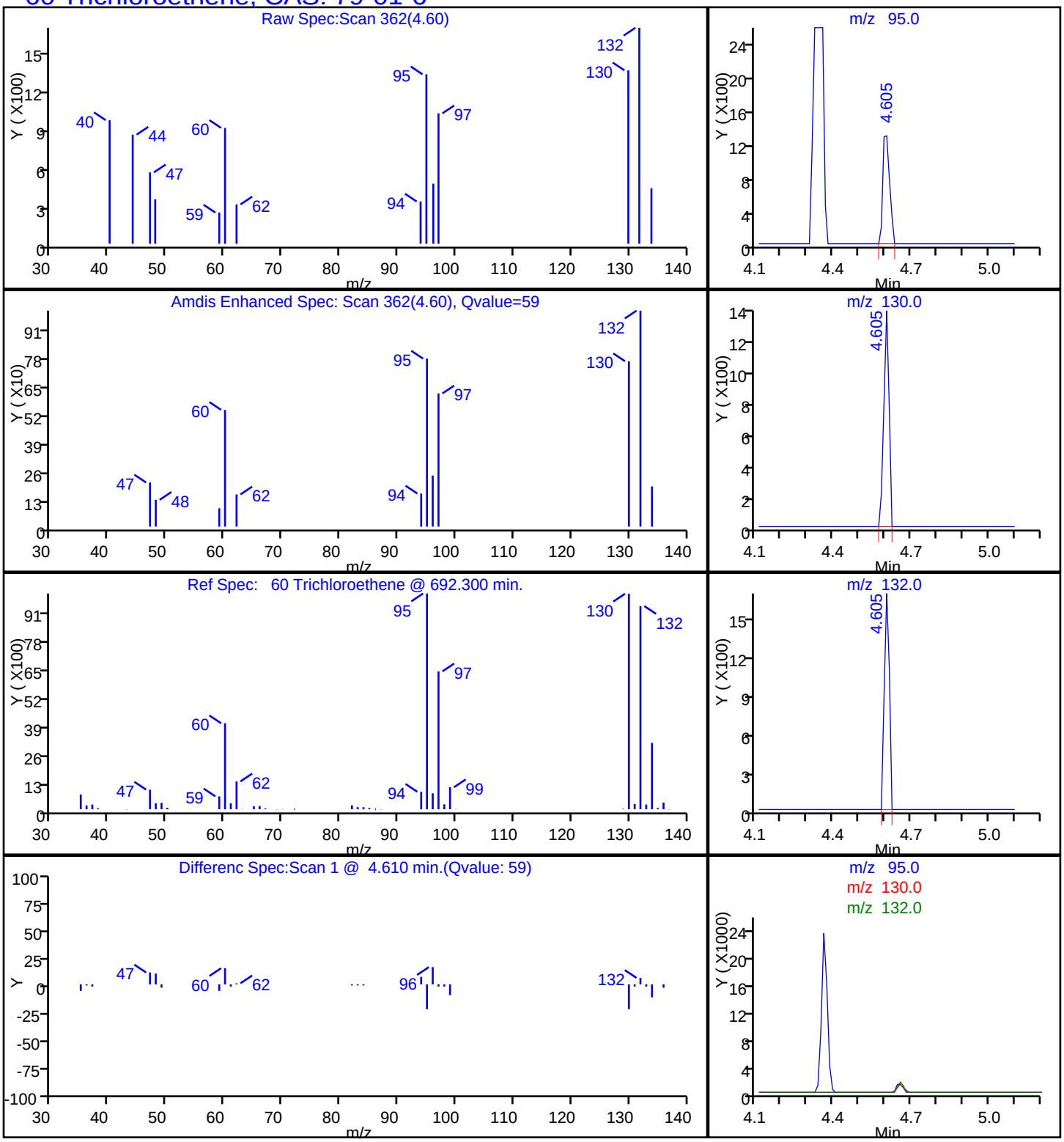


TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3221.D

Injection Date:	12-Jul-2014 03:50:30	Instrument ID:	HP5975T
Lims ID:	480-63231-A-1	Lab Sample ID:	480-63231-1
Client ID:	MW-6		
Operator ID:	gtg	ALS Bottle#:	22 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	T-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

60 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1403 | Lab Sample ID: 480-63231-2

Matrix: Water | Lab File ID: T3222.D

Analysis Method: 8260C | Date Collected: 07/02/2014 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 04:14

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.: 192459 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-62518-1

SDG No.:

Client Sample ID: MW-1403 | Lab Sample ID: 480-63231-2

Matrix: Water | Lab File ID: T3222.D

Analysis Method: 8260C | Date Collected: 07/02/2014 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 04:14

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.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	44		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	1.5		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)	107		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3222.D
Lims ID: 480-63231-A-2 Lab Sample ID: 480-63231-2
Client ID: MW-1403
Sample Type: Client
Inject. Date: 12-Jul-2014 04:14:30 ALS Bottle#: 23 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-2
Misc. Info.: 480-0033721-017
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:38:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.000	97	430700	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	88	327908	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	95	156109	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	61	109157	25.0	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	147204	26.8	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	95	409482	24.7	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	90	113925	23.4	
11 Dichlorodifluoromethane	85		0.905				ND	
13 Chloromethane	50		1.019				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.962				ND	
23 Acetone	43	2.118	2.107	0.011	65	6225	2.72	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.366				ND	
30 Methylene Chloride	84		2.429				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96		3.475				ND	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
52 Cyclohexane	56		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95	4.605	4.605	0.000	79	7289	1.50	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.802				ND	
67 Dichlorobromomethane	83		5.030				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166	5.962	5.962	0.000	87	220104	44.0	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.133				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

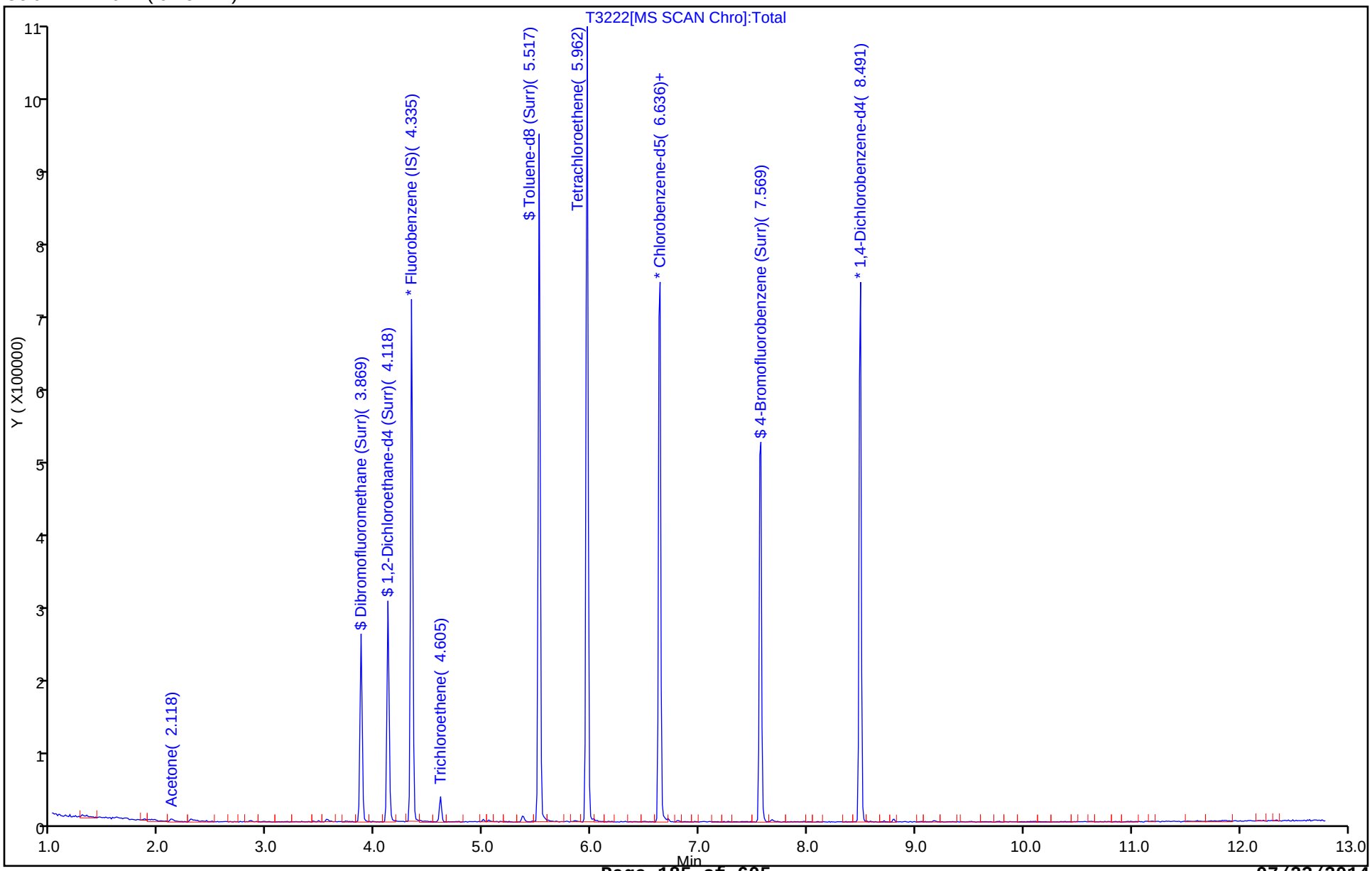
Report Date: 13-Jul-2014 19:38:44 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3222.D

Injection Date:	12-Jul-2014 04:14:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-2	Lab Sample ID:	480-63231-2	Worklist Smp#:	17
Client ID:	MW-1403				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



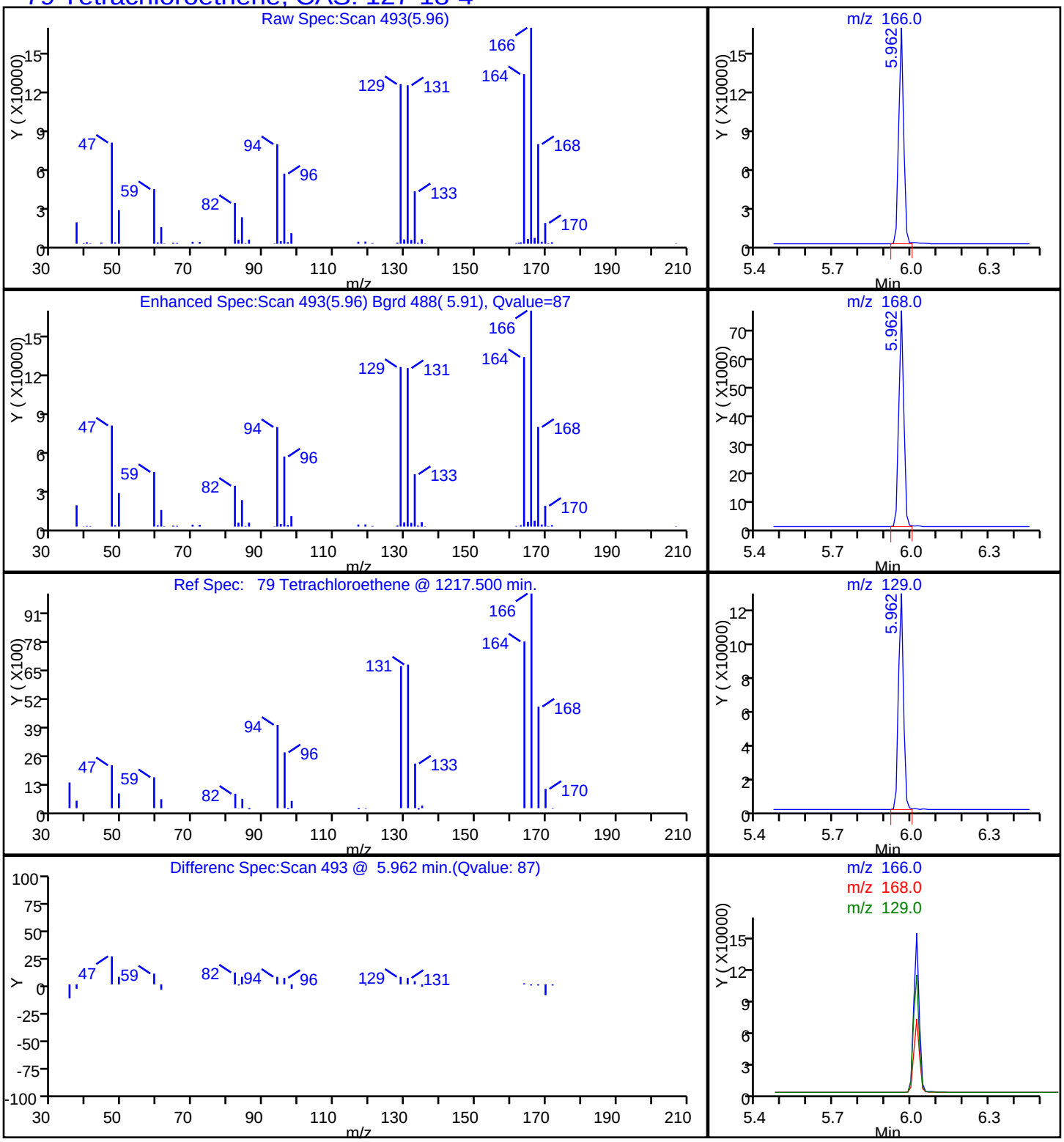
Report Date: 13-Jul-2014 19:38:44 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3222.D

Injection Date:	12-Jul-2014 04:14:30	Instrument ID:	HP5975T		
Lims ID:	480-63231-A-2	Lab Sample ID:	480-63231-2		
Client ID:	MW-1403				
Operator ID:	gtg	ALS Bottle#:	23	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	T-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

79 Tetrachloroethene, CAS: 127-18-4



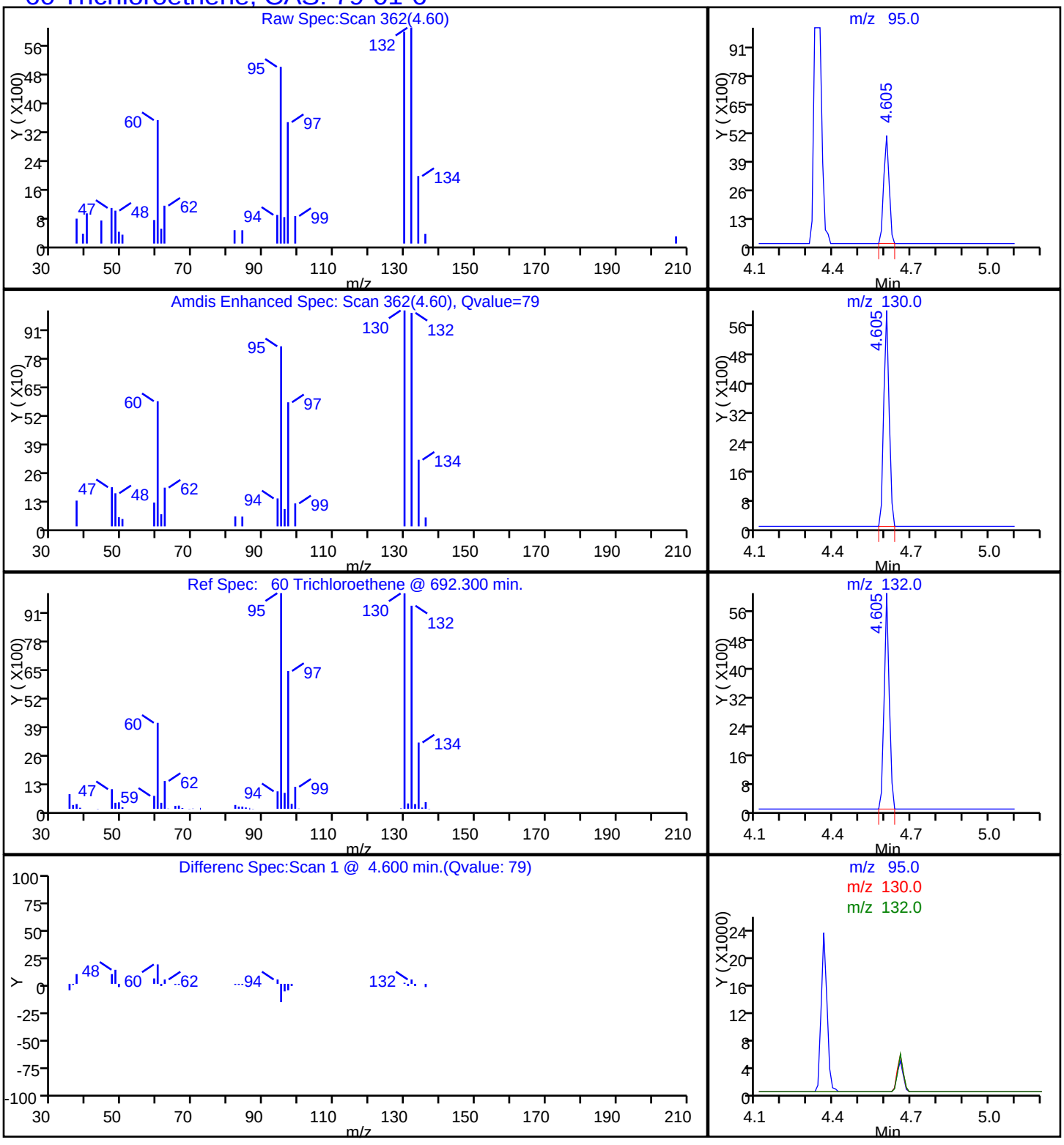
Report Date: 13-Jul-2014 19:38:44 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3222.D

Injection Date:	12-Jul-2014 04:14:30	Instrument ID:	HP5975T		
Lims ID:	480-63231-A-2	Lab Sample ID:	480-63231-2		
Client ID:	MW-1403				
Operator ID:	gtg	ALS Bottle#:	23	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	T-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

60 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1402 | Lab Sample ID: 480-63231-3

Matrix: Water | Lab File ID: T3223.D

Analysis Method: 8260C | Date Collected: 07/02/2014 11:04

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 04:38

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.: 192459 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-62518-1

SDG No.:

Client Sample ID: MW-1402 | Lab Sample ID: 480-63231-3

Matrix: Water | Lab File ID: T3223.D

Analysis Method: 8260C | Date Collected: 07/02/2014 11:04

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 04:38

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.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	18		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	0.57	J	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)	108		66-137
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	92		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3223.D
Lims ID: 480-63231-A-3 Lab Sample ID: 480-63231-3
Client ID: MW-1402
Sample Type: Client
Inject. Date: 12-Jul-2014 04:38:30 ALS Bottle#: 24 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-3
Misc. Info.: 480-0033721-018
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:38:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	97	427410	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	88	335580	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	153227	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	57	111066	25.7	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	146769	27.0	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	96	414189	24.5	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	90	114791	23.0	
11 Dichlorodifluoromethane	85		0.905				ND	
13 Chloromethane	50		1.019				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.962				ND	
23 Acetone	43		2.107				ND	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.366				ND	
30 Methylene Chloride	84		2.429				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96		3.475				ND	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
52 Cyclohexane	56		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95	4.605	4.605	0.000	70	2763	0.5731	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.802				ND	
67 Dichlorobromomethane	83		5.030				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166	5.963	5.962	0.001	87	91666	17.9	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.133				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

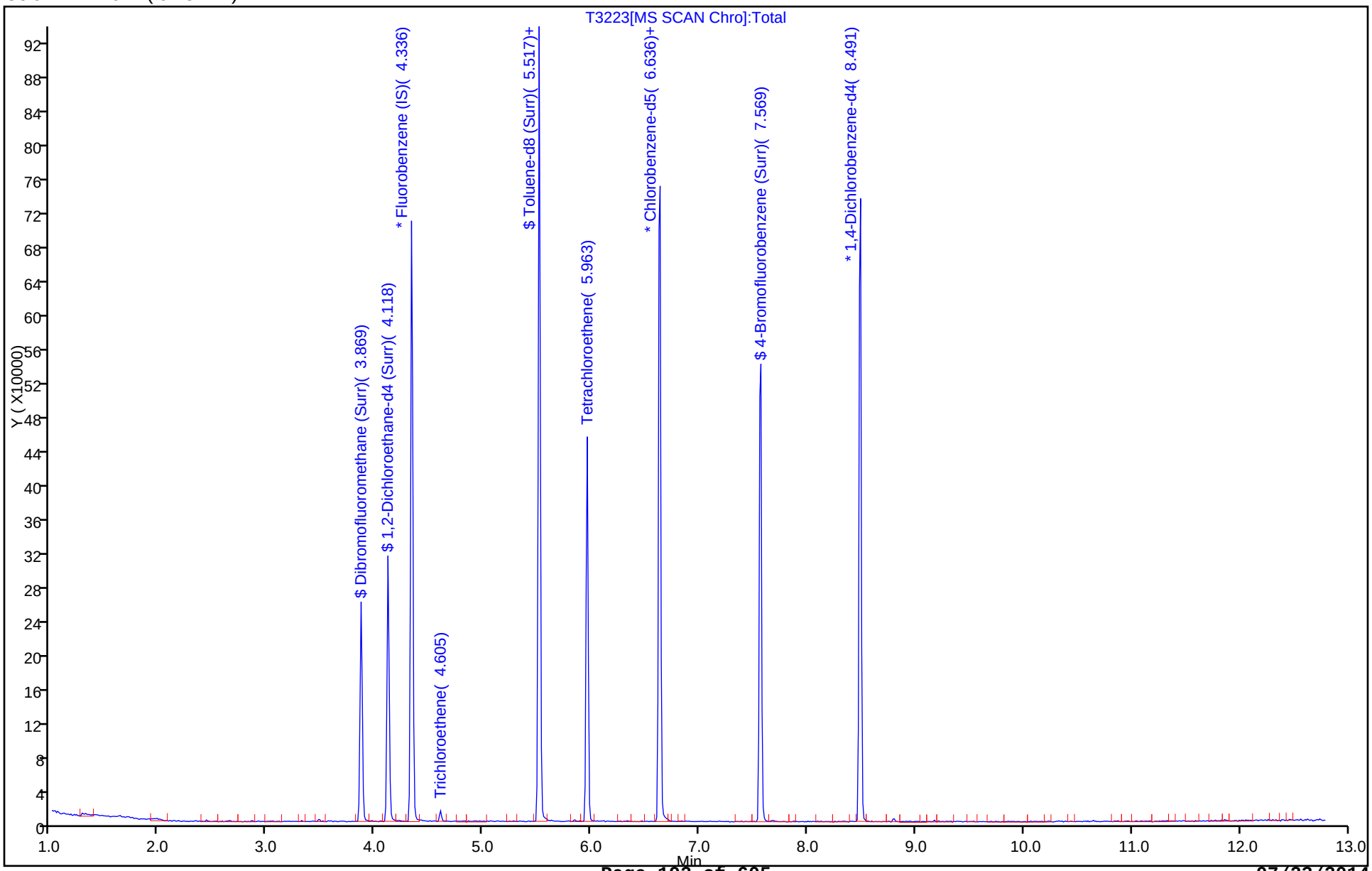
Report Date: 13-Jul-2014 19:38:55 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3223.D

Injection Date:	12-Jul-2014 04:38:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-3	Lab Sample ID:	480-63231-3	Worklist Smp#:	18
Client ID:	MW-1402				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



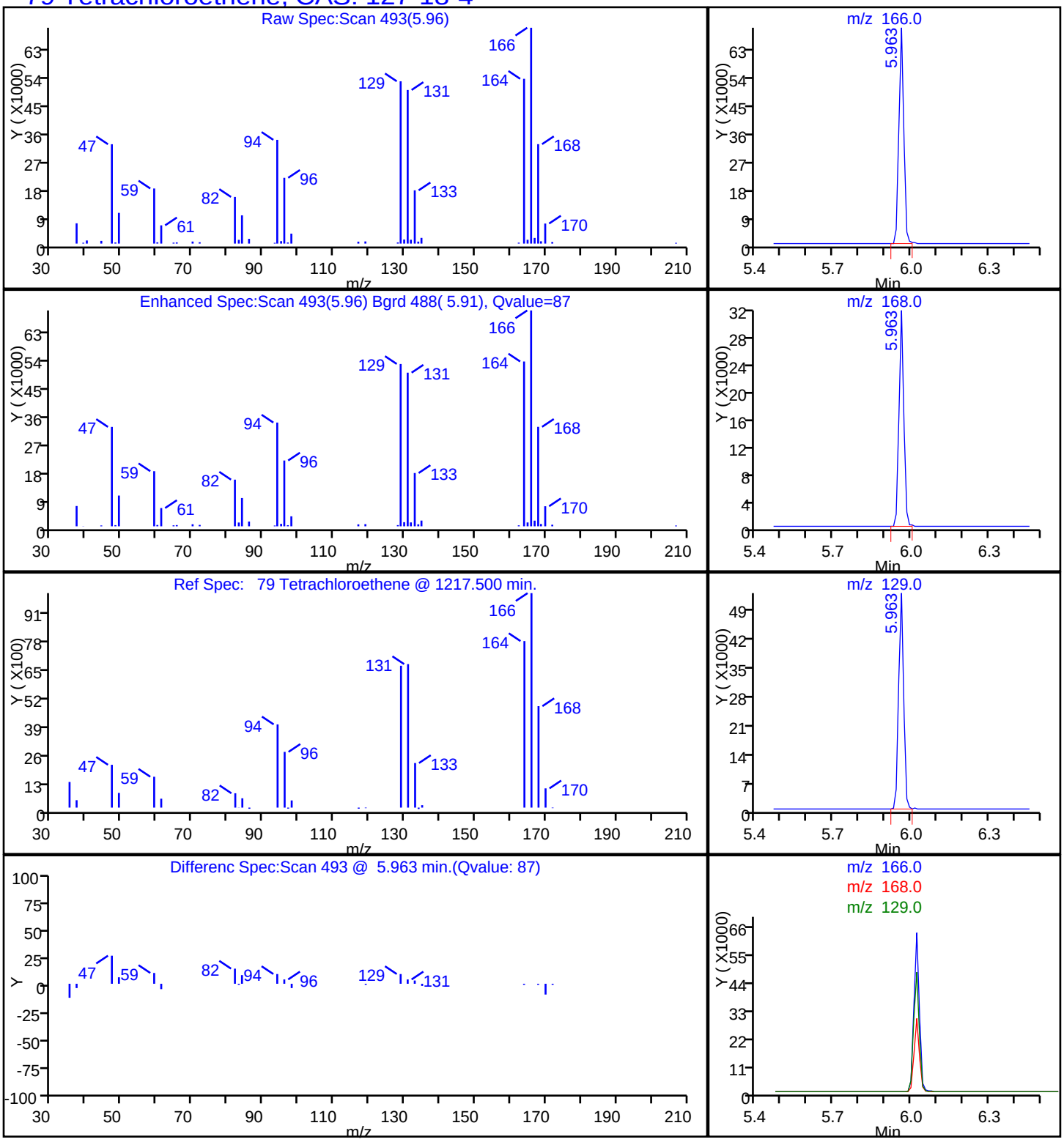
Report Date: 13-Jul-2014 19:38:55 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3223.D

Injection Date:	12-Jul-2014 04:38:30	Instrument ID:	HP5975T		
Lims ID:	480-63231-A-3	Lab Sample ID:	480-63231-3		
Client ID:	MW-1402				
Operator ID:	gtg	ALS Bottle#:	24	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	T-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

79 Tetrachloroethene, CAS: 127-18-4



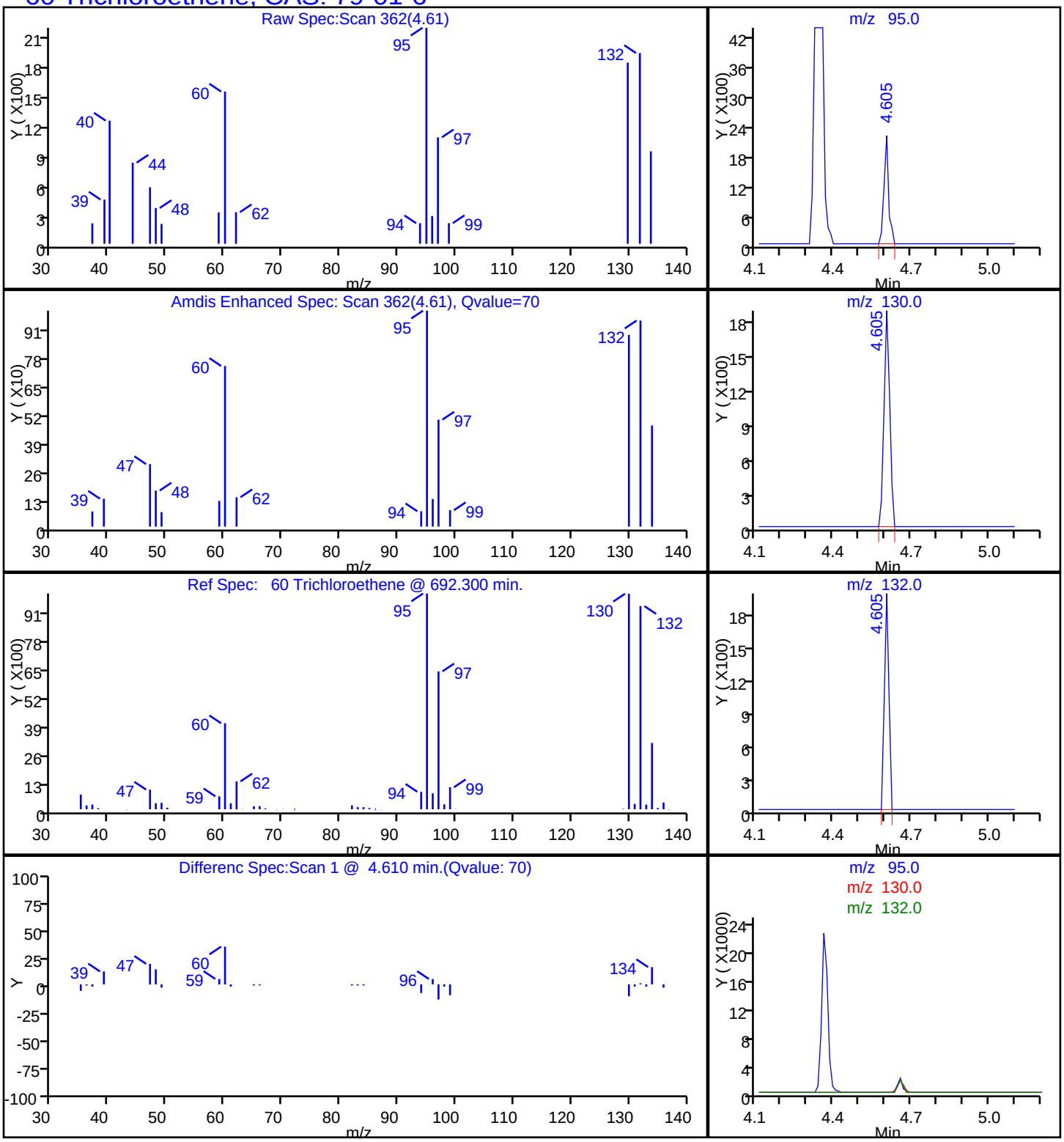
Report Date: 13-Jul-2014 19:38:55 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3223.D

Injection Date:	12-Jul-2014 04:38:30	Instrument ID:	HP5975T
Lims ID:	480-63231-A-3	Lab Sample ID:	480-63231-3
Client ID:	MW-1402		
Operator ID:	gtg	ALS Bottle#:	24 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	T-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

60 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1401 Lab Sample ID: 480-63231-4

Matrix: Water Lab File ID: T3224.D

Analysis Method: 8260C Date Collected: 07/02/2014 12:20

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2014 05:01

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.: 192459 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-62518-1

SDG No.:

Client Sample ID: MW-1401 | Lab Sample ID: 480-63231-4

Matrix: Water | Lab File ID: T3224.D

Analysis Method: 8260C | Date Collected: 07/02/2014 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 05:01

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.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	108		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3224.D
Lims ID: 480-63231-A-4 Lab Sample ID: 480-63231-4
Client ID: MW-1401
Sample Type: Client
Inject. Date: 12-Jul-2014 05:01:30 ALS Bottle#: 25 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-4
Misc. Info.: 480-0033721-019
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:39:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	97	429128	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	88	320611	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	156254	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	69	113272	26.1	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	146868	26.9	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	95	399936	24.7	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	91	114109	23.9	
11 Dichlorodifluoromethane	85		0.905				ND	
13 Chloromethane	50		1.019				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.962				ND	
23 Acetone	43	2.118	2.107	0.011	75	4653	2.04	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.366				ND	
30 Methylene Chloride	84		2.429				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96		3.475				ND	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
52 Cyclohexane	56		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95		4.605				ND	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.802				ND	
67 Dichlorobromomethane	83		5.030				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166		5.962				ND	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.133				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

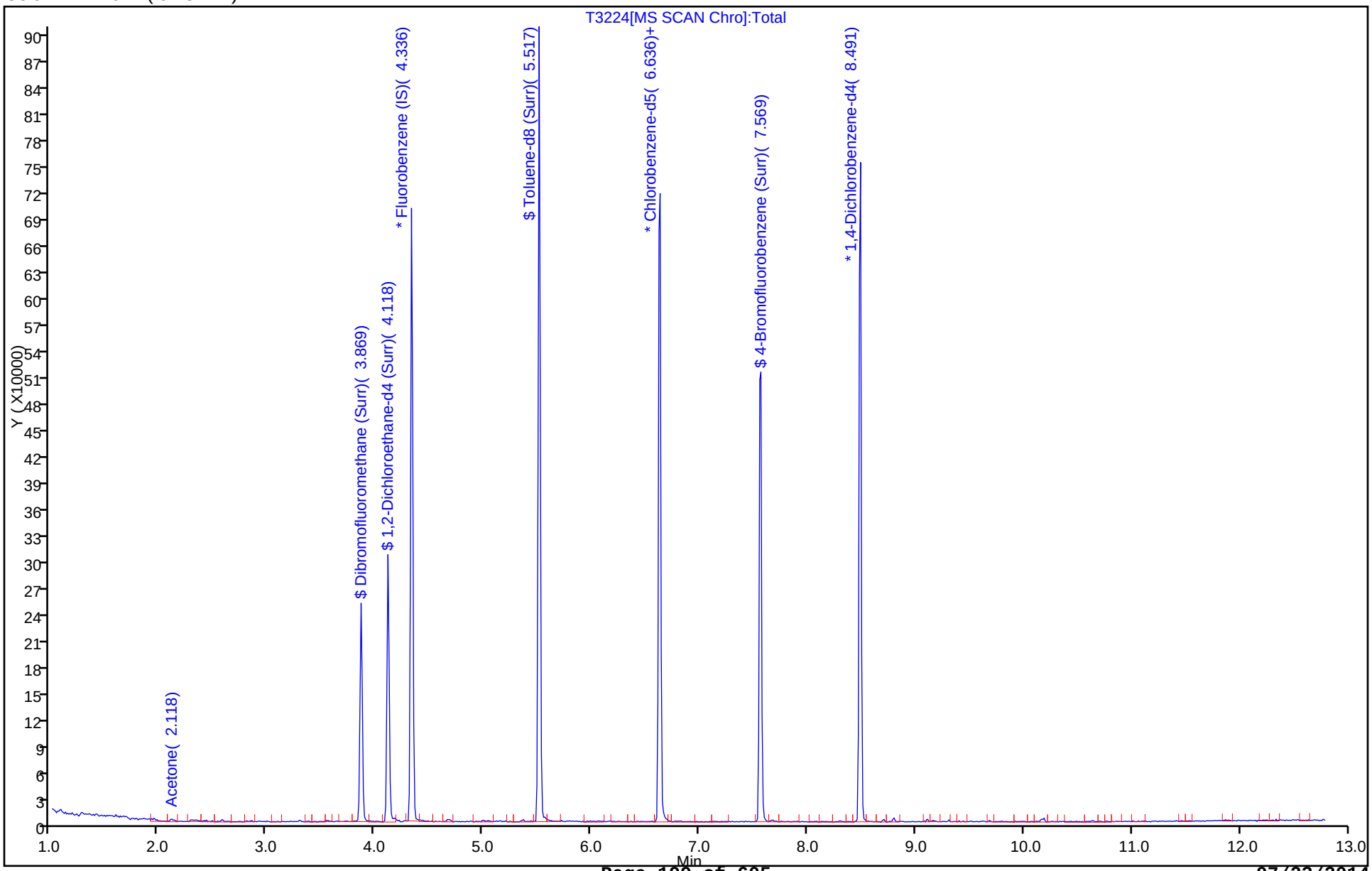
Report Date: 13-Jul-2014 19:39:08 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3224.D

Injection Date:	12-Jul-2014 05:01:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-4	Lab Sample ID:	480-63231-4	Worklist Smp#:	19
Client ID:	MW-1401				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1404 | Lab Sample ID: 480-63231-5

Matrix: Water | Lab File ID: T3225.D

Analysis Method: 8260C | Date Collected: 07/03/2014 09:20

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 05:26

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.: 192459 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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	0.92	J	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
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.: 480-62518-1

SDG No.:

Client Sample ID: MW-1404 | Lab Sample ID: 480-63231-5

Matrix: Water | Lab File ID: T3225.D

Analysis Method: 8260C | Date Collected: 07/03/2014 09:20

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 05:26

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.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	113		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3225.D
Lims ID: 480-63231-A-5 Lab Sample ID: 480-63231-5
Client ID: MW-1404
Sample Type: Client
Inject. Date: 12-Jul-2014 05:26:30 ALS Bottle#: 26 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-5
Misc. Info.: 480-0033721-020
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:40:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	97	415648	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	88	319163	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	157179	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	61	109555	26.0	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	149398	28.2	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	96	397953	24.7	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	89	113675	23.9	
11 Dichlorodifluoromethane	85		0.905				ND	
13 Chloromethane	50		1.019				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.962				ND	
23 Acetone	43	2.118	2.107	0.011	75	3731	1.69	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.366				ND	
30 Methylene Chloride	84		2.429				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	69	4652	0.9178	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
52 Cyclohexane	56		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95		4.605				ND	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.802				ND	
67 Dichlorobromomethane	83		5.030				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166		5.962				ND	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.133				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

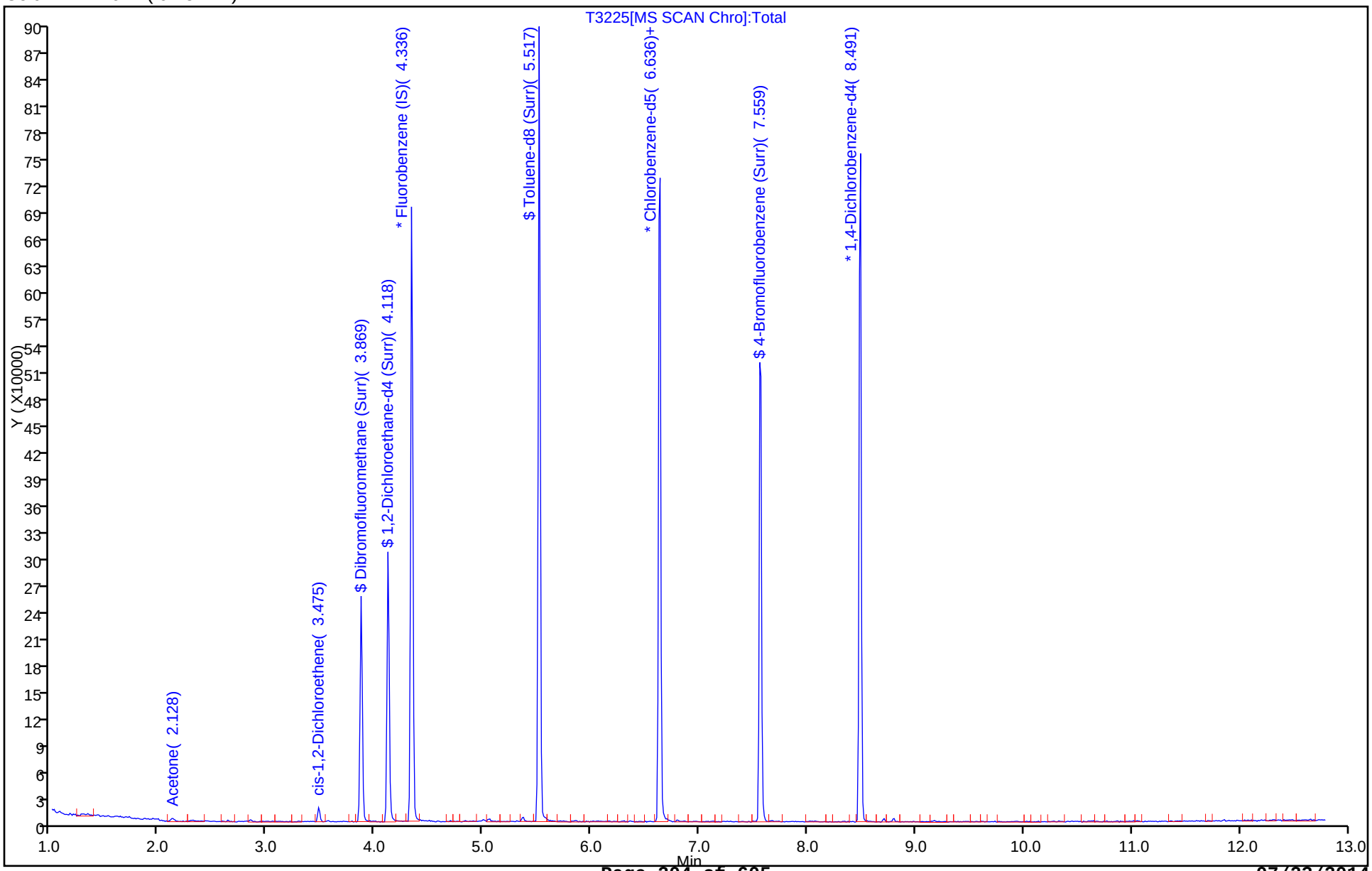
Report Date: 13-Jul-2014 19:40:04 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3225.D

Injection Date:	12-Jul-2014 05:26:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-5	Lab Sample ID:	480-63231-5	Worklist Smp#:	20
Client ID:	MW-1404				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



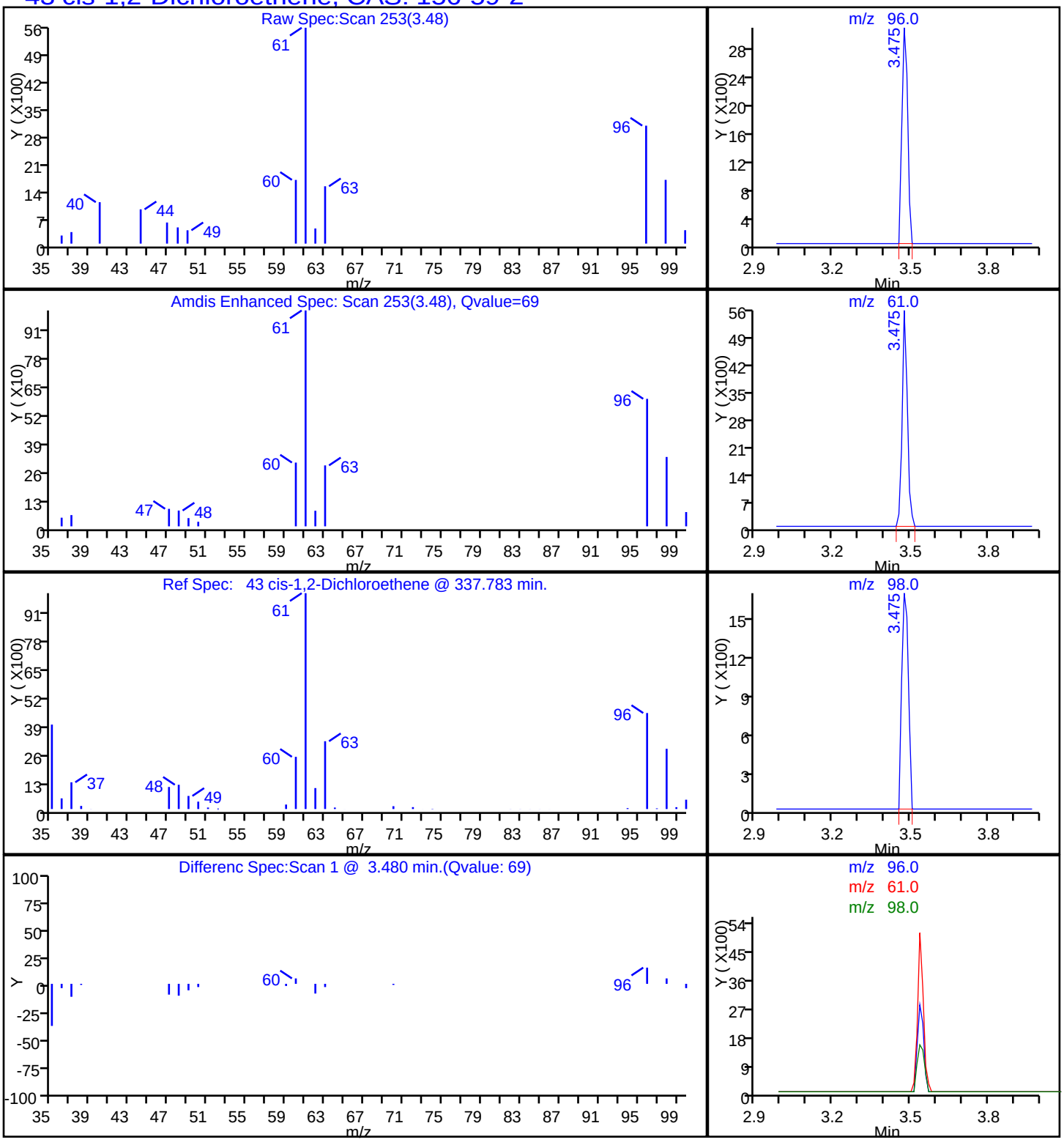
Report Date: 13-Jul-2014 19:40:04 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3225.D

Injection Date:	12-Jul-2014 05:26:30	Instrument ID:	HP5975T		
Lims ID:	480-63231-A-5	Lab Sample ID:	480-63231-5		
Client ID:	MW-1404				
Operator ID:	gtg	ALS Bottle#:	26	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	T-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1405 | Lab Sample ID: 480-63231-6

Matrix: Water | Lab File ID: T3226.D

Analysis Method: 8260C | Date Collected: 07/03/2014 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 05:49

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192459 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	3.2	J	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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-62518-1

SDG No.:

Client Sample ID: MW-1405 | Lab Sample ID: 480-63231-6

Matrix: Water | Lab File ID: T3226.D

Analysis Method: 8260C | Date Collected: 07/03/2014 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 05:49

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	109		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3226.D
Lims ID: 480-63231-A-6 Lab Sample ID: 480-63231-6
Client ID: MW-1405
Sample Type: Client
Inject. Date: 12-Jul-2014 05:49:30 ALS Bottle#: 27 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-6
Misc. Info.: 480-0033721-021
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:41:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	97	422847	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	89	314542	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	156406	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	60	109664	25.6	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	146369	27.2	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	95	397401	25.0	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	91	114678	24.5	
11 Dichlorodifluoromethane	85		0.905				ND	
13 Chloromethane	50		1.019				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.962				ND	
23 Acetone	43	2.118	2.107	0.011	84	7232	3.22	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.366				ND	
30 Methylene Chloride	84		2.429				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96		3.475				ND	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
52 Cyclohexane	56		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95		4.605				ND	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.802				ND	
67 Dichlorobromomethane	83		5.030				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166		5.962				ND	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.133				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

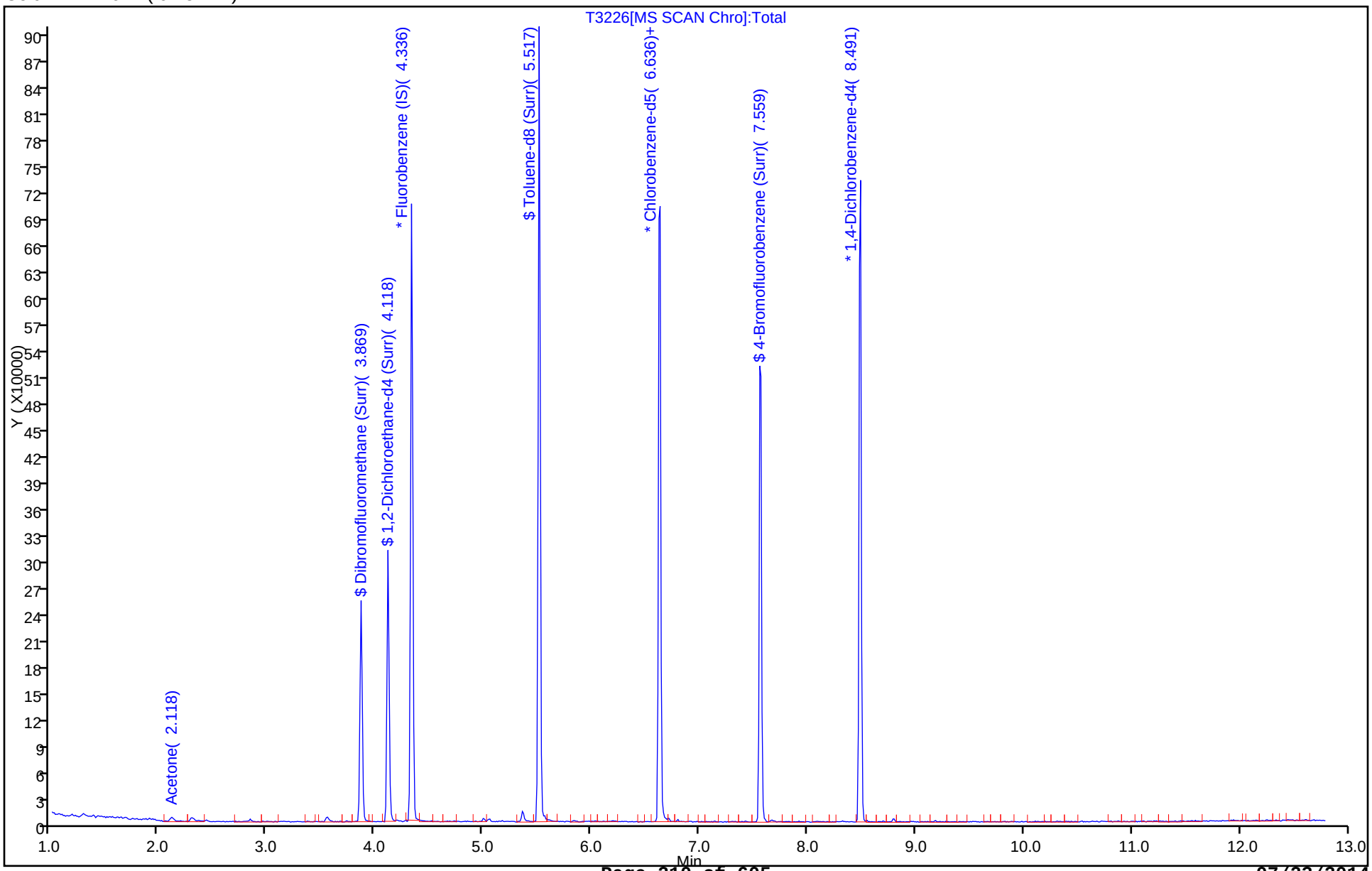
Report Date: 13-Jul-2014 19:41:00 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3226.D

Injection Date:	12-Jul-2014 05:49:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-6	Lab Sample ID:	480-63231-6	Worklist Smp#:	21
Client ID:	MW-1405				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



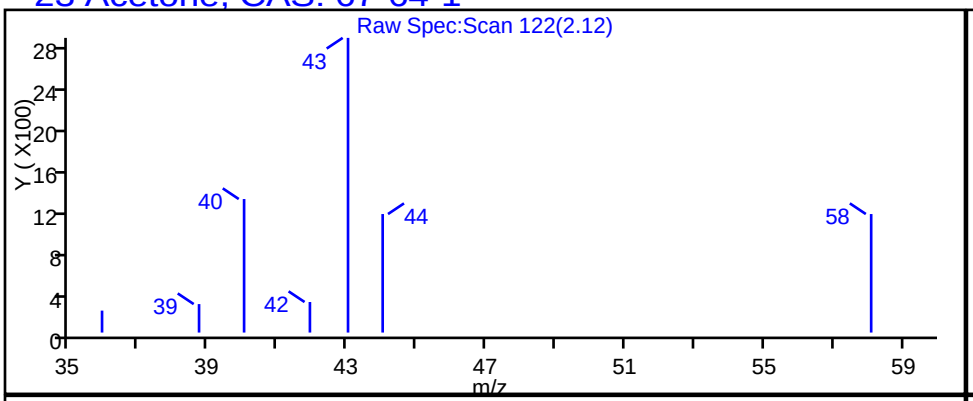
Report Date: 13-Jul-2014 19:41:00 Chrom Revision: 2.2 24-Jun-2014 07:21:42

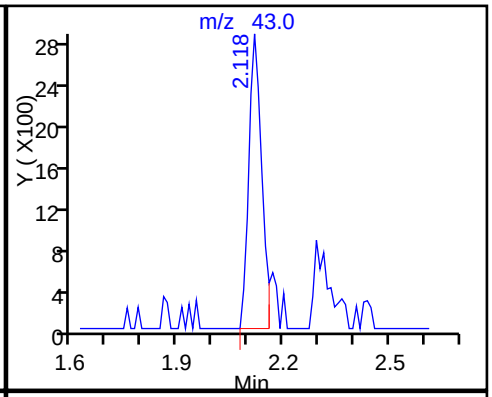
TestAmerica Buffalo

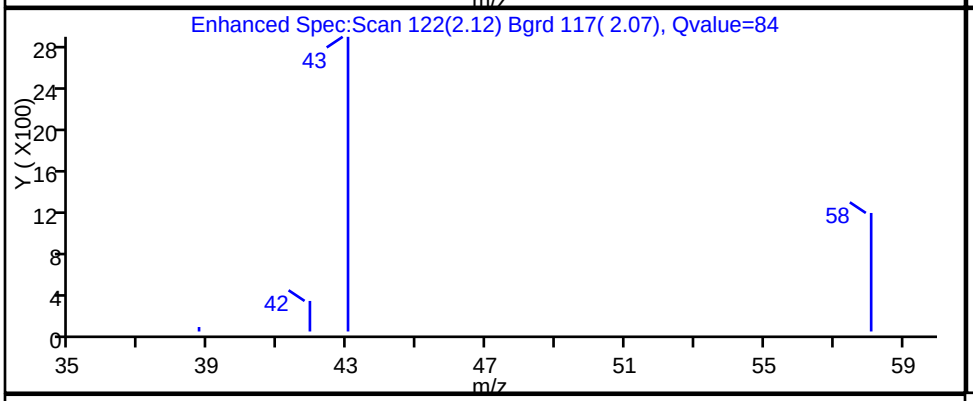
Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3226.D

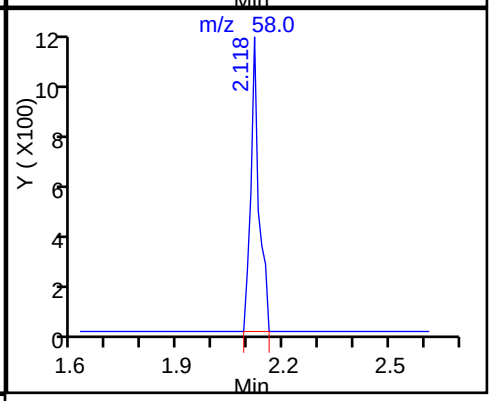
Injection Date:	12-Jul-2014 05:49:30	Instrument ID:	HP5975T		
Lims ID:	480-63231-A-6	Lab Sample ID:	480-63231-6		
Client ID:	MW-1405				
Operator ID:	gtg	ALS Bottle#:	27	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	T-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

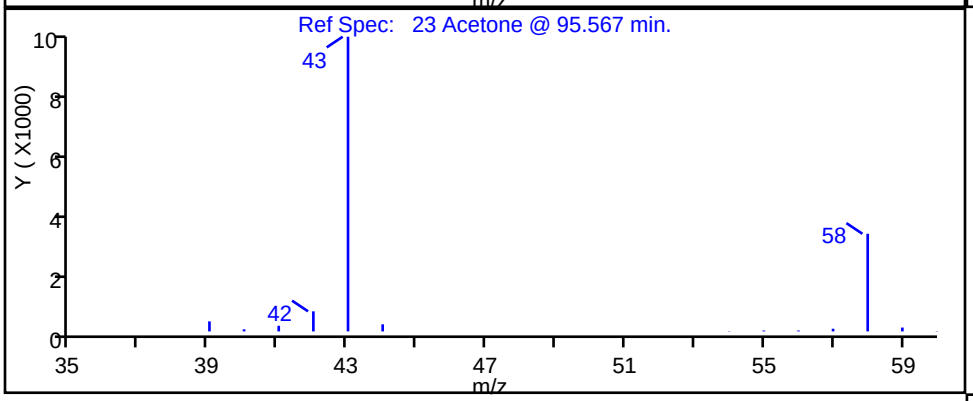
23 Acetone, CAS: 67-64-1

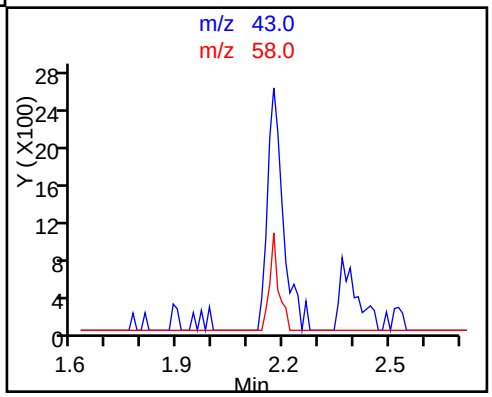












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1406 Lab Sample ID: 480-63231-7

Matrix: Water Lab File ID: T3227.D

Analysis Method: 8260C Date Collected: 07/03/2014 11:05

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2014 06:13

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.: 192459 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-62518-1

SDG No.:

Client Sample ID: MW-1406 | Lab Sample ID: 480-63231-7

Matrix: Water | Lab File ID: T3227.D

Analysis Method: 8260C | Date Collected: 07/03/2014 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 06:13

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.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	4.1		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
2037-26-5	Toluene-d8 (Surr)	97		71-126
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3227.D
Lims ID: 480-63231-A-7 Lab Sample ID: 480-63231-7
Client ID: MW-1406
Sample Type: Client
Inject. Date: 12-Jul-2014 06:13:30 ALS Bottle#: 28 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-7
Misc. Info.: 480-0033721-022
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:41:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	427815	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	88	324744	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	95	156081	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	57	111986	25.9	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	150107	27.6	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	96	396545	24.2	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	89	114645	23.7	
11 Dichlorodifluoromethane	85		0.905				ND	
13 Chloromethane	50		1.019				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.962				ND	
23 Acetone	43	2.107	2.107	0.000	77	6297	2.77	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.366				ND	
30 Methylene Chloride	84		2.429				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96		3.475				ND	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
52 Cyclohexane	56		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95		4.605				ND	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.802				ND	
67 Dichlorobromomethane	83		5.030				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166	5.962	5.962	0.000	82	20435	4.12	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.133				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

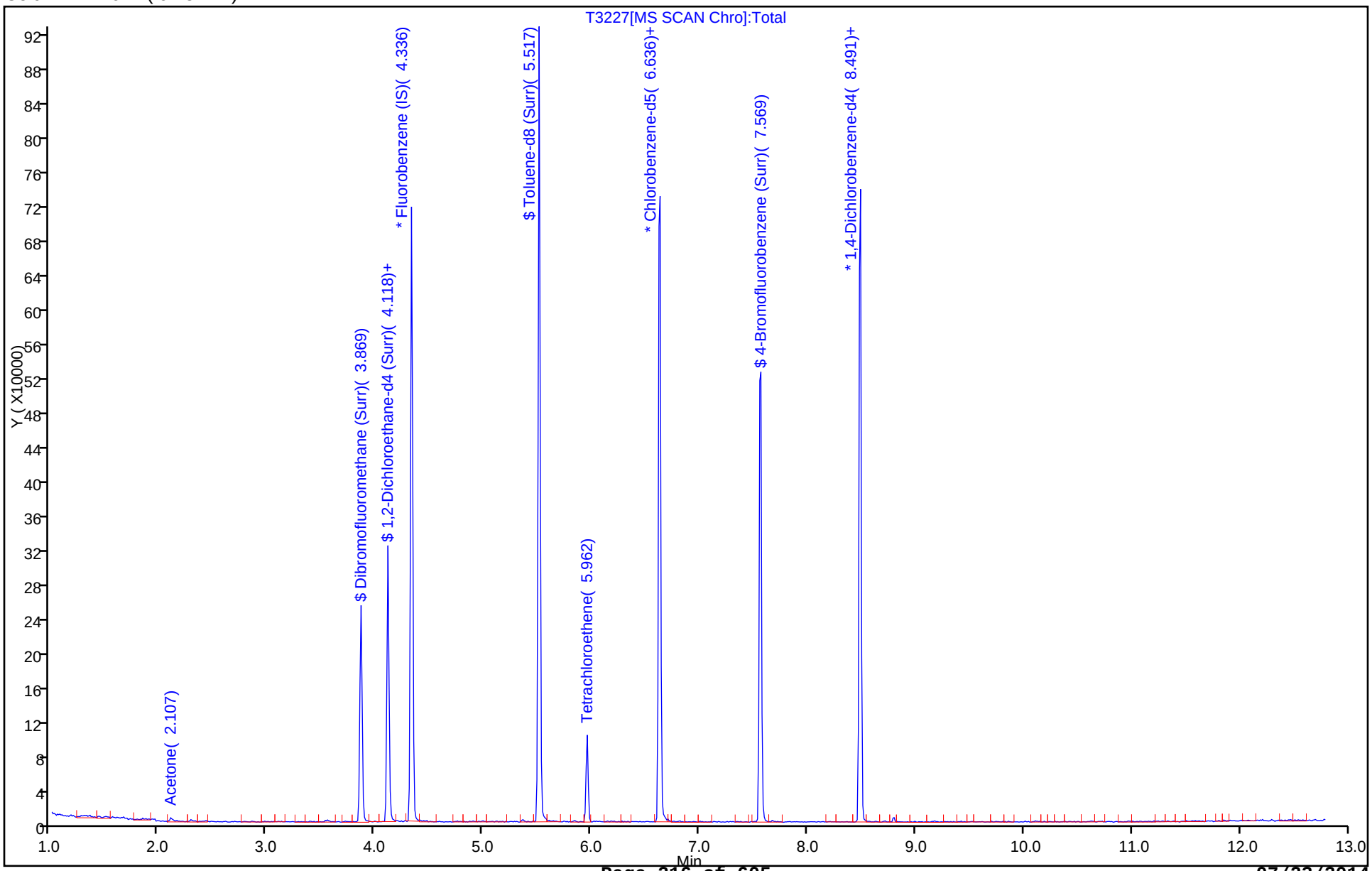
Report Date: 13-Jul-2014 19:41:15 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3227.D

Injection Date:	12-Jul-2014 06:13:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-7	Lab Sample ID:	480-63231-7	Worklist Smp#:	22
Client ID:	MW-1406				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)

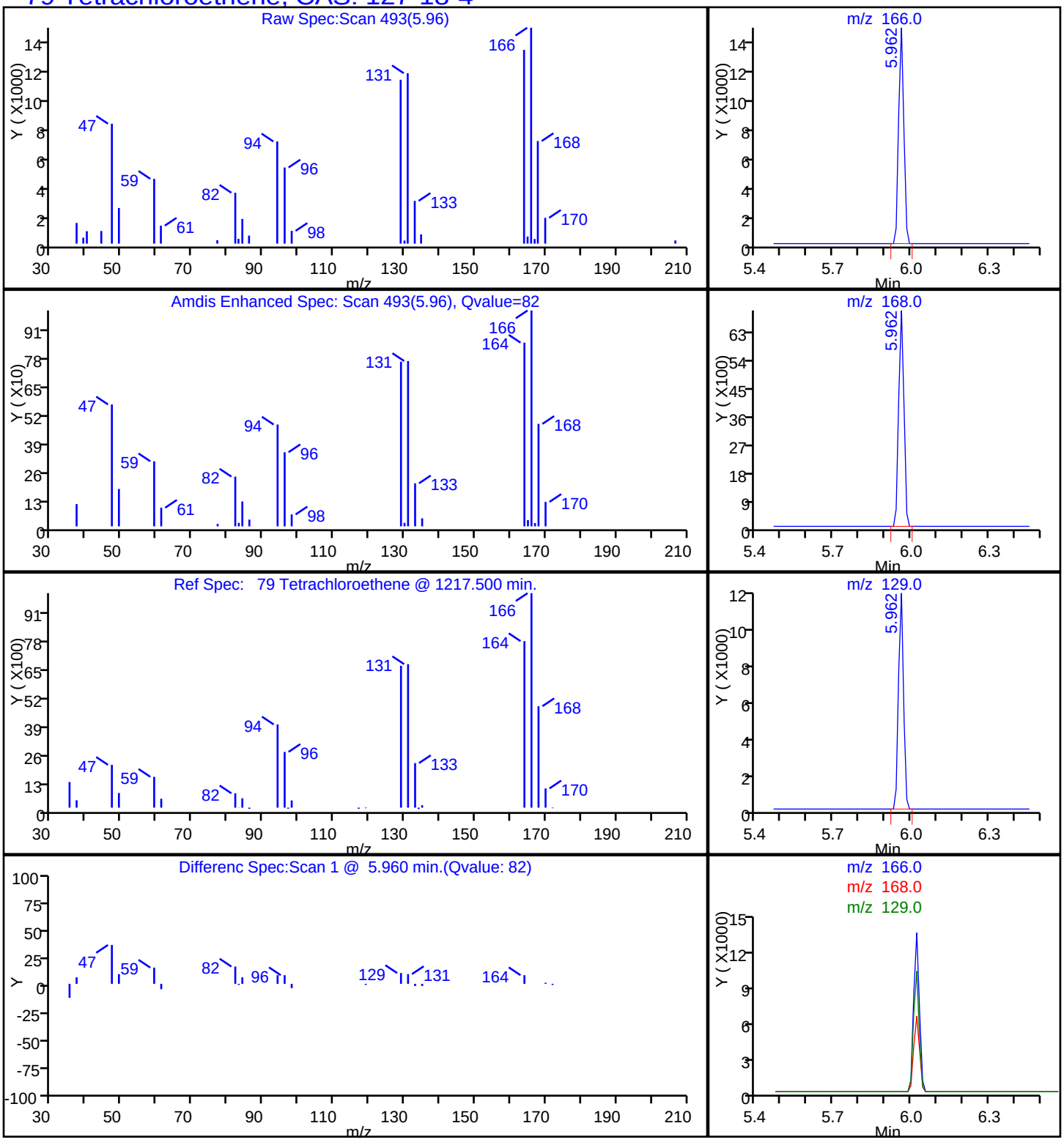


TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3227.D

Injection Date:	12-Jul-2014 06:13:30	Instrument ID:	HP5975T
Lims ID:	480-63231-A-7	Lab Sample ID:	480-63231-7
Client ID:	MW-1406		
Operator ID:	gtg	ALS Bottle#:	28 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	T-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

79 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1407 | Lab Sample ID: 480-63231-8

Matrix: Water | Lab File ID: T3228.D

Analysis Method: 8260C | Date Collected: 07/03/2014 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 06:37

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.: 192459 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	4.0	J	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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-62518-1

SDG No.:

Client Sample ID: MW-1407 | Lab Sample ID: 480-63231-8

Matrix: Water | Lab File ID: T3228.D

Analysis Method: 8260C | Date Collected: 07/03/2014 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 06:37

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.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	37		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	0.53	J	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
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3228.D
Lims ID: 480-63231-A-8 Lab Sample ID: 480-63231-8
Client ID: MW-1407
Sample Type: Client
Inject. Date: 12-Jul-2014 06:37:30 ALS Bottle#: 29 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-8
Misc. Info.: 480-0033721-023
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:41:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.000	97	415548	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	88	329155	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	154419	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	60	108914	25.9	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	144986	27.4	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	96	409533	24.7	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	89	118218	24.1	
11 Dichlorodifluoromethane	85		0.905				ND	
13 Chloromethane	50		1.019				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.962				ND	
23 Acetone	43	2.118	2.107	0.011	70	8943	4.05	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.366				ND	
30 Methylene Chloride	84		2.429				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	57	3731	0.7363	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
52 Cyclohexane	56		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95	4.605	4.605	0.000	66	2481	0.5293	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.802				ND	
67 Dichlorobromomethane	83		5.030				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166	5.962	5.962	0.000	86	187575	37.3	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.133				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

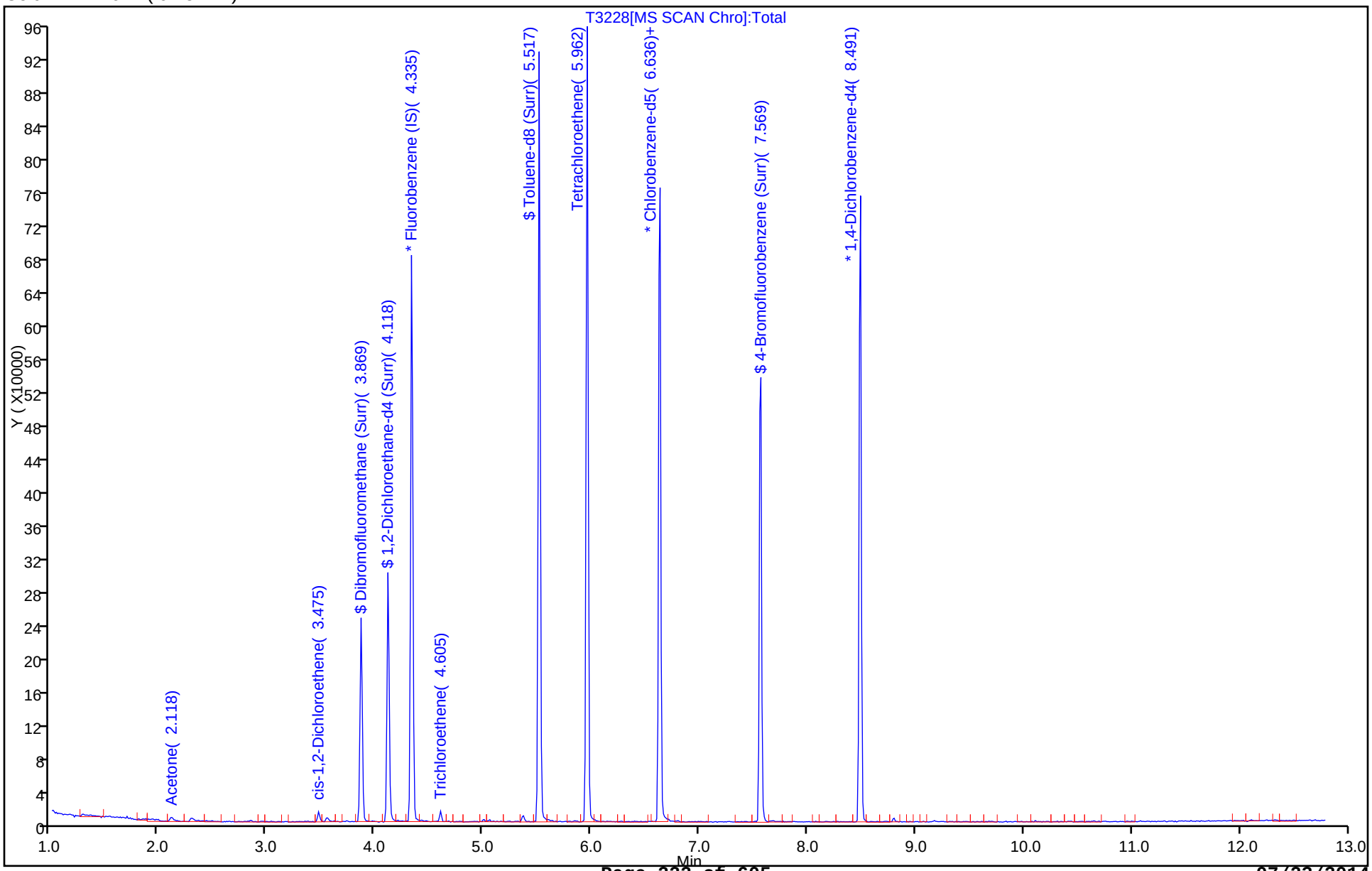
Report Date: 13-Jul-2014 19:41:36 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3228.D

Injection Date:	12-Jul-2014 06:37:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-8	Lab Sample ID:	480-63231-8	Worklist Smp#:	23
Client ID:	MW-1407				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



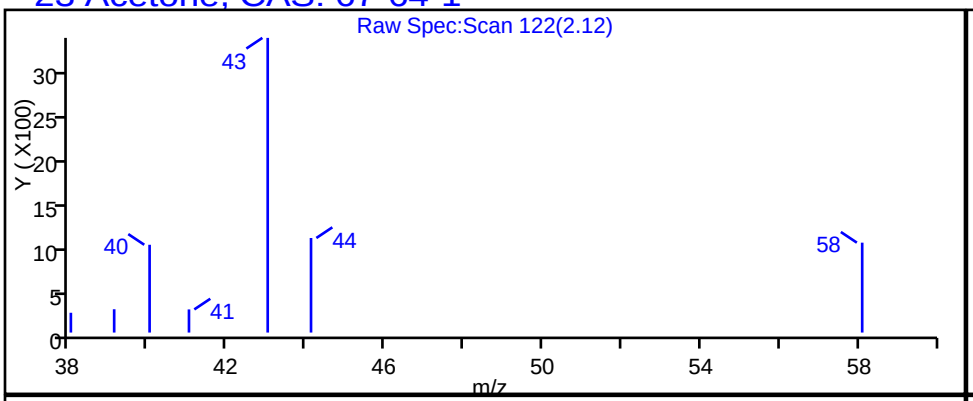
Report Date: 13-Jul-2014 19:41:36 Chrom Revision: 2.2 24-Jun-2014 07:21:42

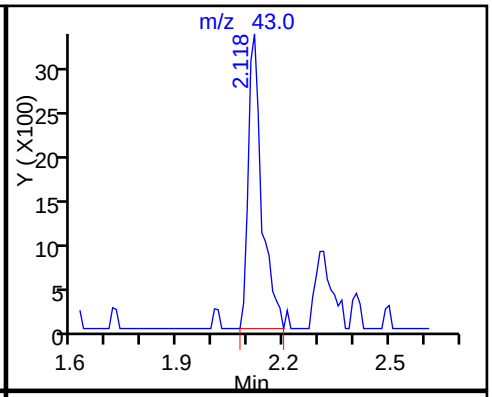
TestAmerica Buffalo

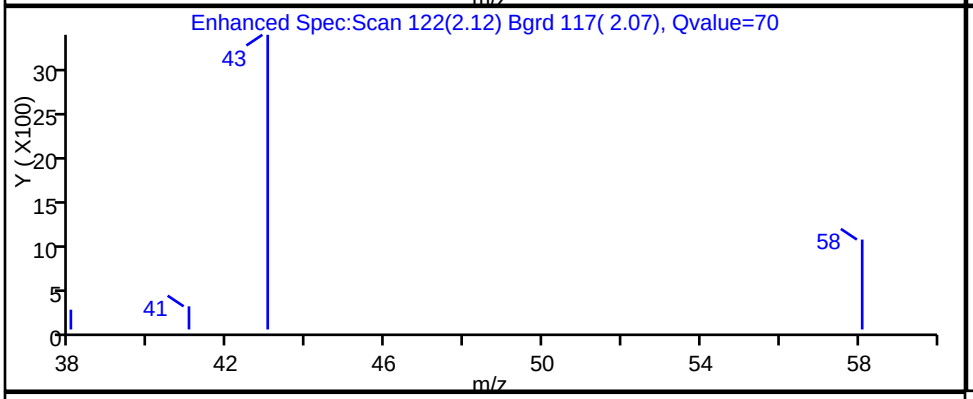
Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3228.D

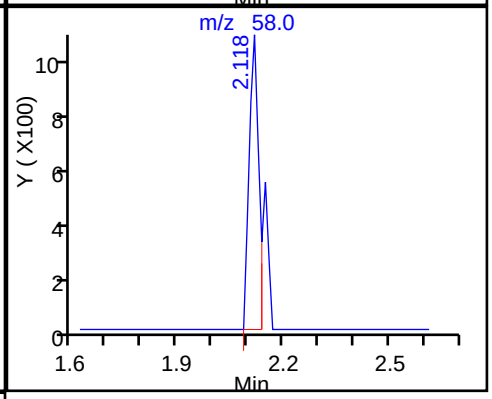
Injection Date:	12-Jul-2014 06:37:30	Instrument ID:	HP5975T
Lims ID:	480-63231-A-8	Lab Sample ID:	480-63231-8
Client ID:	MW-1407		
Operator ID:	gtg	ALS Bottle#:	29 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	T-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

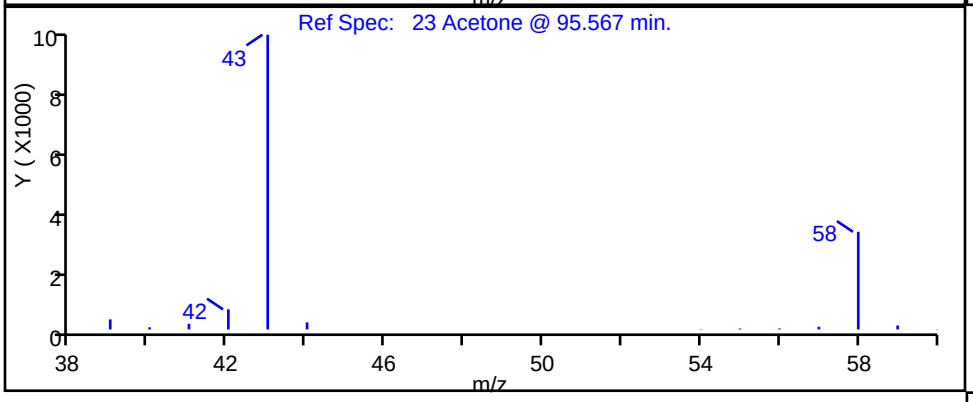
23 Acetone, CAS: 67-64-1

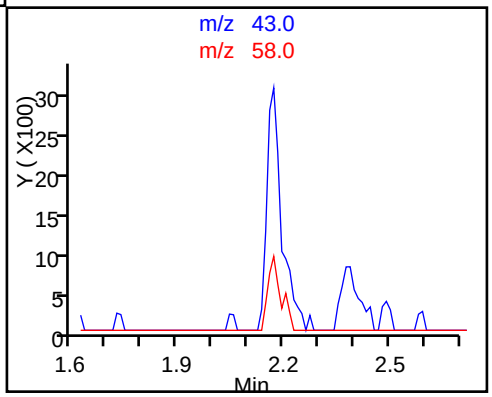












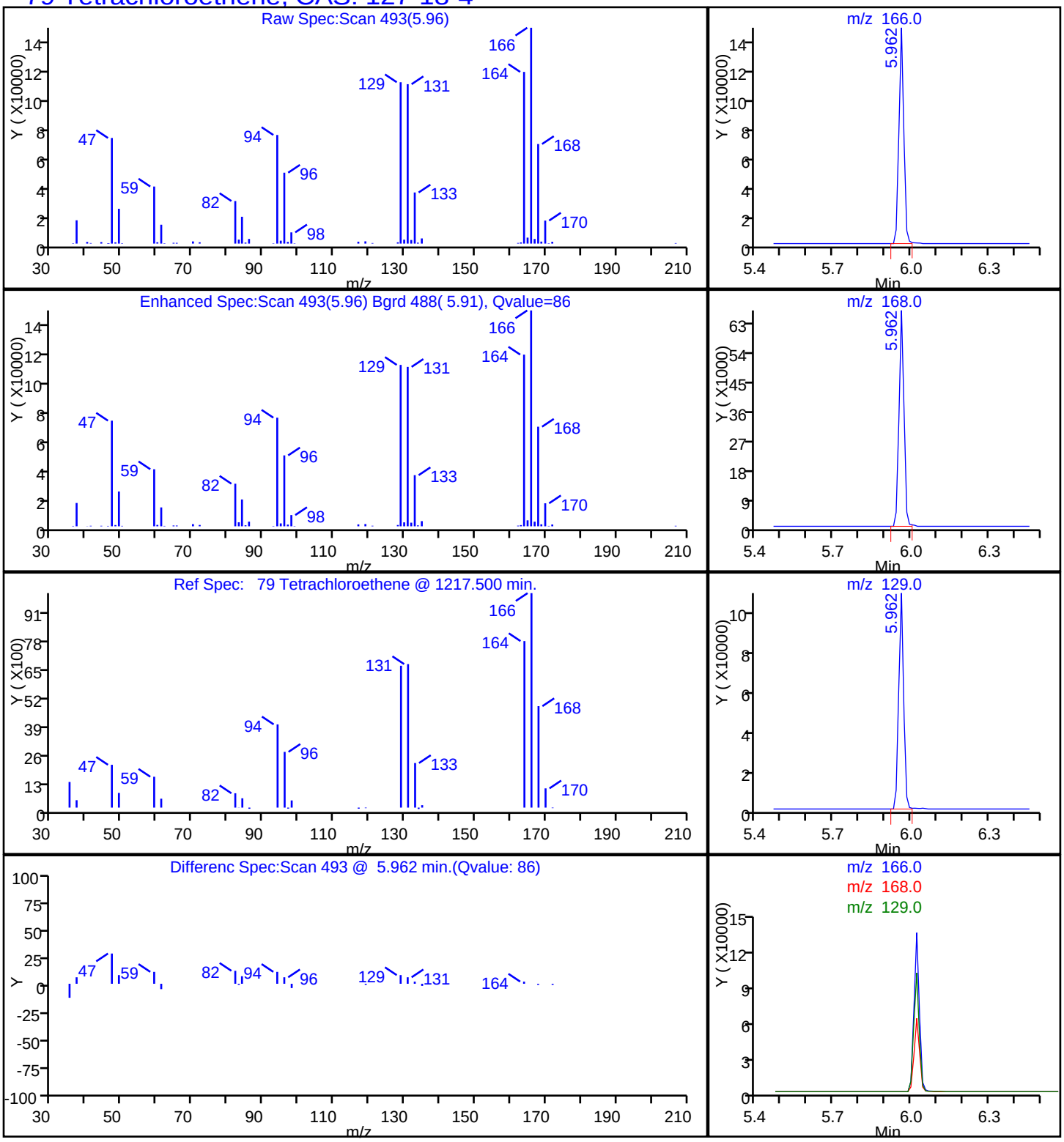
Report Date: 13-Jul-2014 19:41:36 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3228.D

Injection Date:	12-Jul-2014 06:37:30	Instrument ID:	HP5975T		
Lims ID:	480-63231-A-8	Lab Sample ID:	480-63231-8		
Client ID:	MW-1407				
Operator ID:	gtg	ALS Bottle#:	29	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	T-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

79 Tetrachloroethene, CAS: 127-18-4

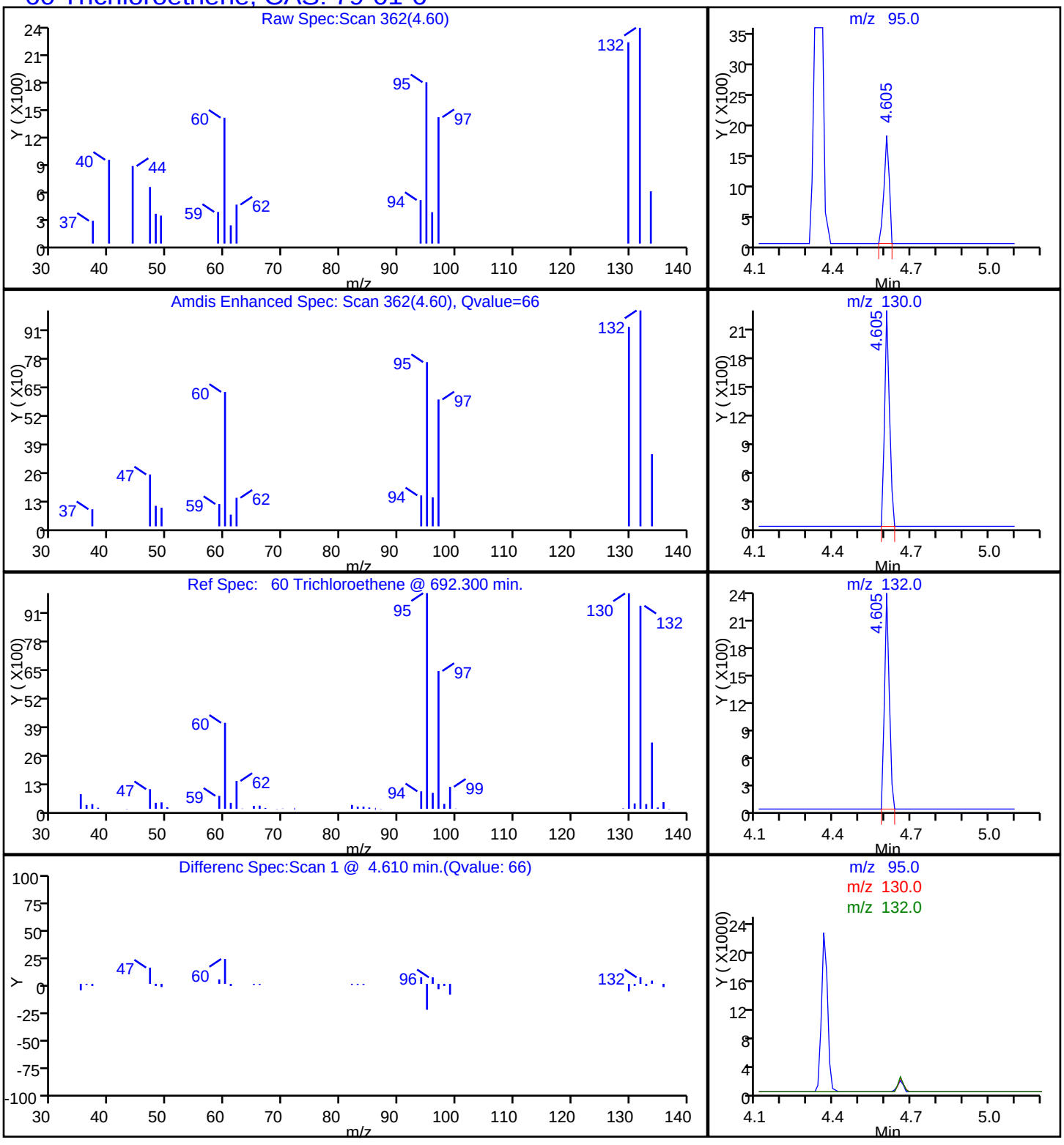


TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3228.D

Injection Date:	12-Jul-2014 06:37:30	Instrument ID:	HP5975T
Lims ID:	480-63231-A-8	Lab Sample ID:	480-63231-8
Client ID:	MW-1407		
Operator ID:	gtg	ALS Bottle#:	29 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	T-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

60 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1408 | Lab Sample ID: 480-63231-9

Matrix: Water | Lab File ID: T3260.D

Analysis Method: 8260C | Date Collected: 07/03/2014 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2014 20:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192725 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-62518-1

SDG No.:

Client Sample ID: MW-1408 | Lab Sample ID: 480-63231-9

Matrix: Water | Lab File ID: T3260.D

Analysis Method: 8260C | Date Collected: 07/03/2014 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2014 20:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192725 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	105		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3260.D
Lims ID: 480-63231-A-9 Lab Sample ID: 480-63231-9
Client ID: MW-1408
Sample Type: Client
Inject. Date: 14-Jul-2014 20:53:30 ALS Bottle#: 61 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-9
Misc. Info.: 480-0033765-011
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 15-Jul-2014 10:38:21 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: manc Date: 15-Jul-2014 10:38:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.336	-0.001	98	438368	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.626	0.010	89	336244	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	97	160465	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	91	110209	24.8	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	145862	26.1	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	95	426425	25.1	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	89	122127	24.4	
11 Dichlorodifluoromethane	85		0.916				ND	
13 Chloromethane	50		1.030				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.973				ND	
23 Acetone	43	2.128	2.107	0.021	33	2028	0.8704	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.367				ND	
30 Methylene Chloride	84		2.439				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96		3.475				ND	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
52 Cyclohexane	56		3.817				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95		4.605				ND	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.792				ND	
67 Dichlorobromomethane	83		5.020				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166		5.963				ND	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.134				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

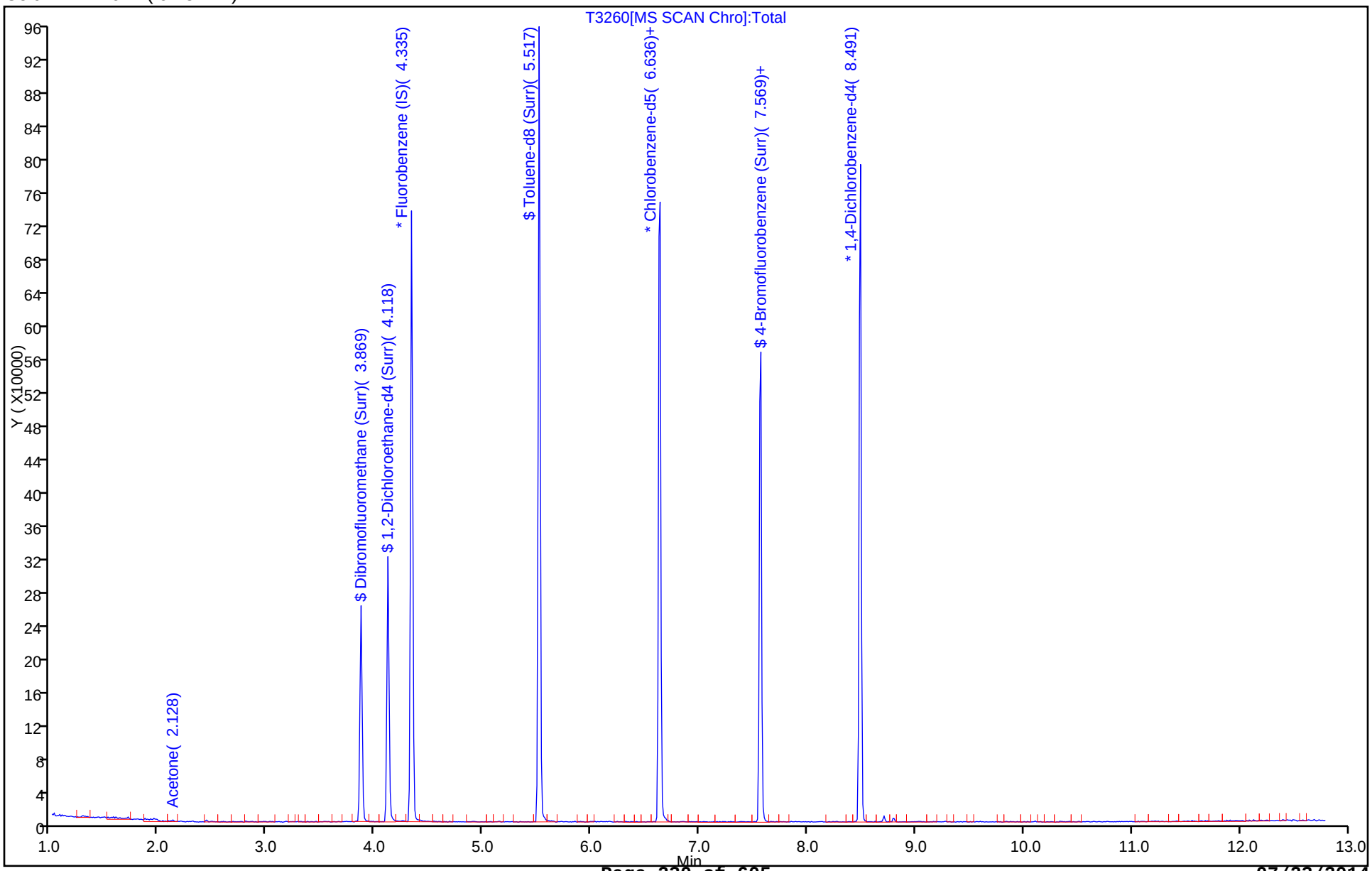
Report Date: 15-Jul-2014 10:38:21 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3260.D

Injection Date:	14-Jul-2014 20:53:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-9	Lab Sample ID:	480-63231-9	Worklist Smp#:	11
Client ID:	MW-1408				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: DUP | Lab Sample ID: 480-63231-10

Matrix: Water | Lab File ID: T3261.D

Analysis Method: 8260C | Date Collected: 07/03/2014 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2014 21:17

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.: 192725 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-62518-1

SDG No.:

Client Sample ID: DUP | Lab Sample ID: 480-63231-10

Matrix: Water | Lab File ID: T3261.D

Analysis Method: 8260C | Date Collected: 07/03/2014 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2014 21:17

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.: 192725 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	40		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	0.78	J	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
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3261.D
Lims ID: 480-63231-A-10 Lab Sample ID: 480-63231-10
Client ID: DUP
Sample Type: Client
Inject. Date: 14-Jul-2014 21:17:30 ALS Bottle#: 62 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-10
Misc. Info.: 480-0033765-012
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 15-Jul-2014 10:39:07 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: manc Date: 15-Jul-2014 10:39:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.336	-0.001	97	425075	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.626	0.010	90	325684	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	158117	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	92	112435	26.1	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	149116	27.5	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	96	415890	25.3	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	89	116696	24.1	
11 Dichlorodifluoromethane	85		0.916				ND	
13 Chloromethane	50		1.030				ND	
14 Vinyl chloride	62		1.102				ND	
15 Bromomethane	94		1.320				ND	
16 Chloroethane	64		1.382				ND	
17 Trichlorofluoromethane	101		1.548				ND	
22 1,1-Dichloroethene	96		1.962				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.973				ND	
23 Acetone	43	2.107	2.107	0.000	75	2554	1.13	
25 Carbon disulfide	76		2.128				ND	
28 Methyl acetate	43		2.367				ND	
30 Methylene Chloride	84		2.439				ND	
33 Methyl tert-butyl ether	73		2.636				ND	
32 trans-1,2-Dichloroethene	96		2.636				ND	
36 1,1-Dichloroethane	63		2.999				ND	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	84	3629	0.7001	
44 2-Butanone (MEK)	43		3.527				ND	
50 Chloroform	83		3.734				ND	
52 Cyclohexane	56		3.817				ND	
51 1,1,1-Trichloroethane	97		3.817				ND	
53 Carbon tetrachloride	117		3.931				ND	
55 Benzene	78		4.118				ND	
57 1,2-Dichloroethane	62		4.170				ND	
1 1,4-Difluorobenzene	114		4.429				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
60 Trichloroethene	95	4.605	4.605	0.000	88	3722	0.7763	
62 Methylcyclohexane	83		4.688				ND	
63 1,2-Dichloropropane	63		4.792				ND	
67 Dichlorobromomethane	83		5.020				ND	
71 cis-1,3-Dichloropropene	75		5.351				ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475				ND	
73 Toluene	92		5.569				ND	
75 trans-1,3-Dichloropropene	75		5.786				ND	
78 1,1,2-Trichloroethane	83		5.931				ND	
79 Tetrachloroethene	166	5.962	5.963	-0.001	91	201369	40.5	
81 2-Hexanone	43		6.118				ND	
82 Chlorodibromomethane	129		6.222				ND	
83 Ethylene Dibromide	107		6.294				ND	
86 Chlorobenzene	112		6.657				ND	
88 Ethylbenzene	91		6.729				ND	
90 m-Xylene & p-Xylene	106		6.812				ND	
91 o-Xylene	106		7.134				ND	
92 Styrene	104		7.154				ND	
93 Bromoform	173		7.330				ND	
95 Isopropylbenzene	105		7.413				ND	
98 1,1,2,2-Tetrachloroethane	83		7.724				ND	
110 1,3-Dichlorobenzene	146		8.429				ND	
113 1,4-Dichlorobenzene	146		8.501				ND	
116 1,2-Dichlorobenzene	146		8.812				ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486				ND	
119 1,2,4-Trichlorobenzene	180		10.118				ND	
S 126 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

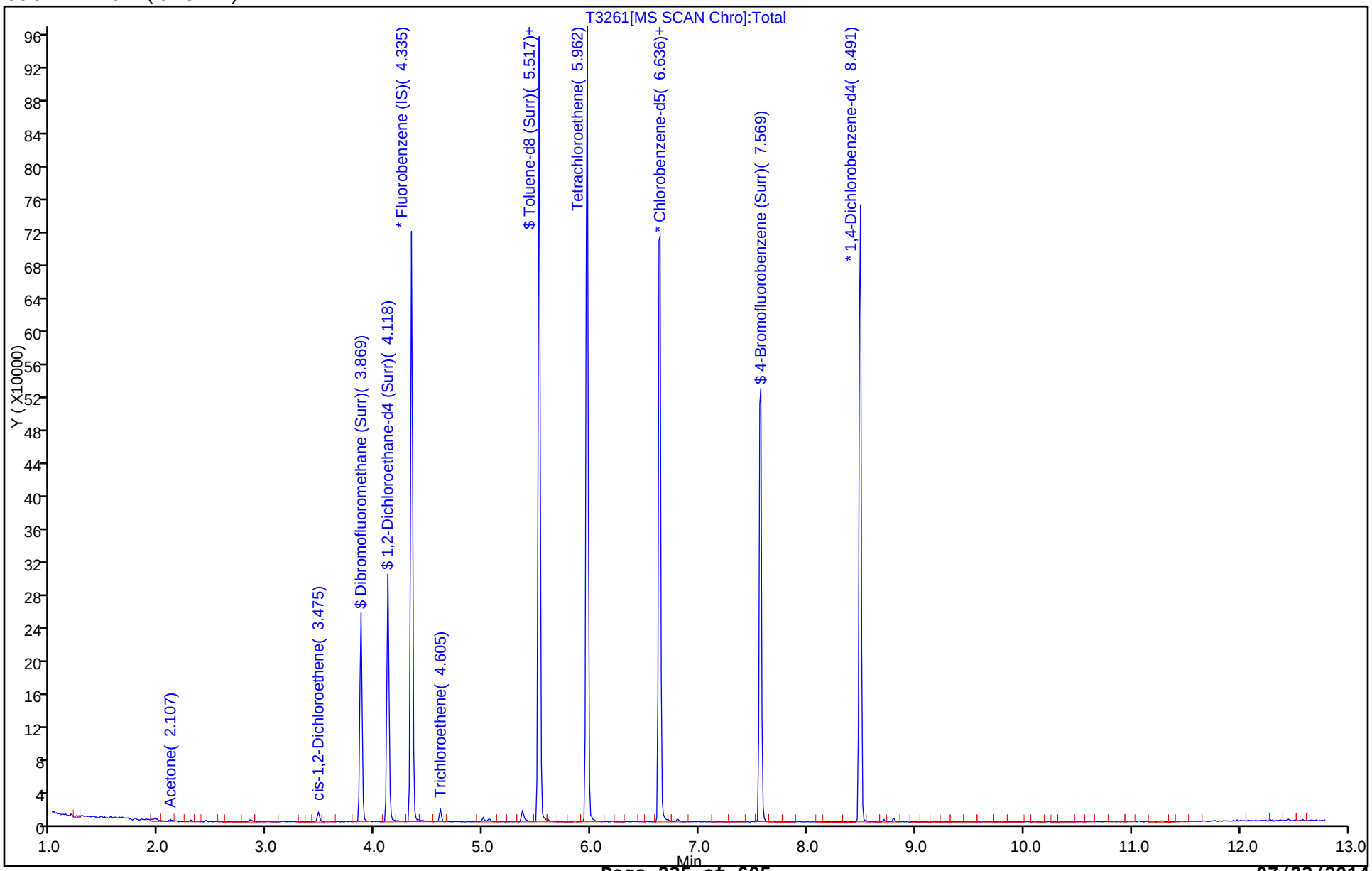
Report Date: 15-Jul-2014 10:39:07 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3261.D

Injection Date:	14-Jul-2014 21:17:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-10	Lab Sample ID:	480-63231-10	Worklist Smp#:	12
Client ID:	DUP				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	62
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



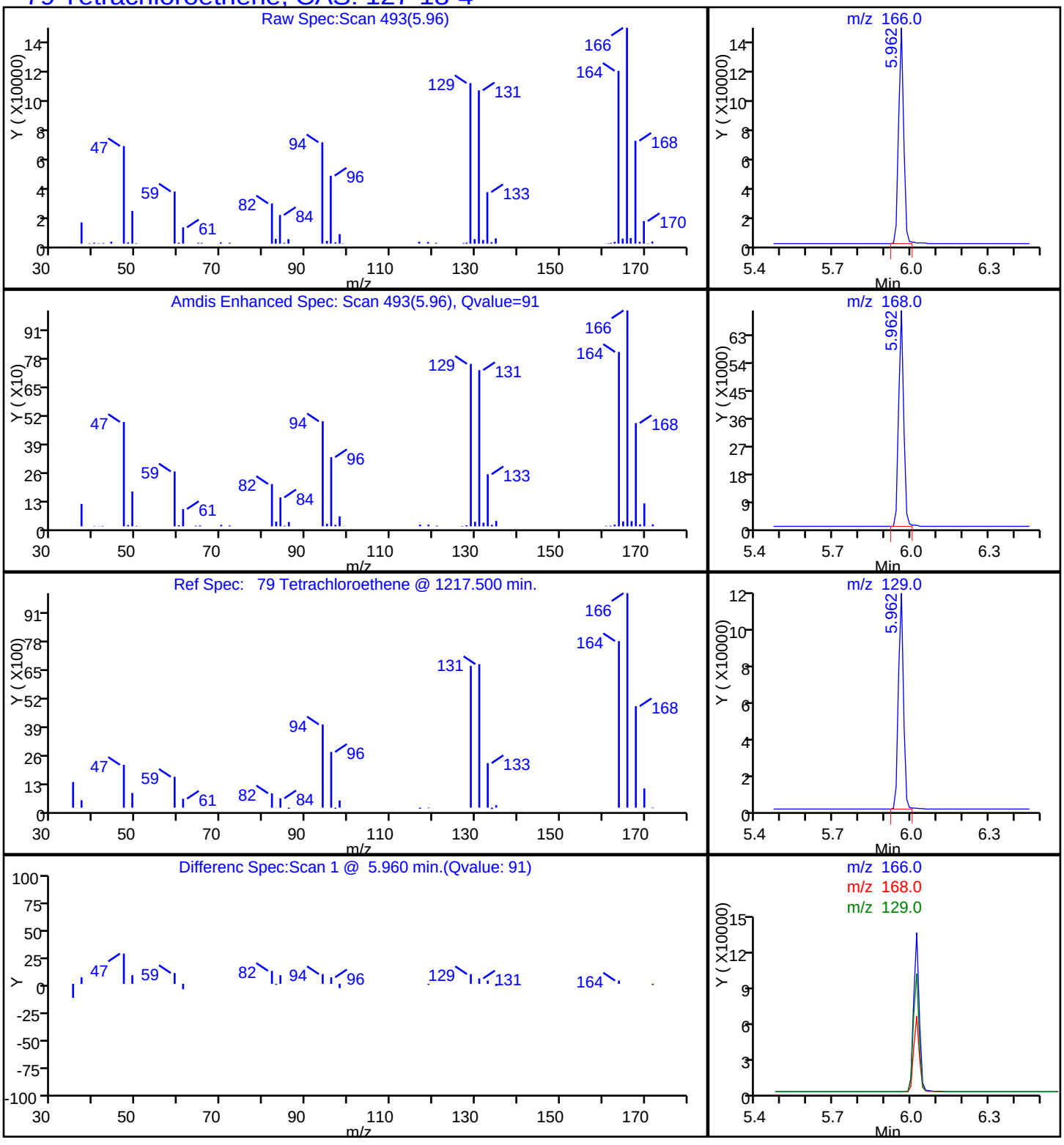
Report Date: 15-Jul-2014 10:39:07 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3261.D

Injection Date:	14-Jul-2014 21:17:30	Instrument ID:	HP5975T		
Lims ID:	480-63231-A-10	Lab Sample ID:	480-63231-10		
Client ID:	DUP				
Operator ID:	gtg	ALS Bottle#:	62	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	T-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

79 Tetrachloroethene, CAS: 127-18-4



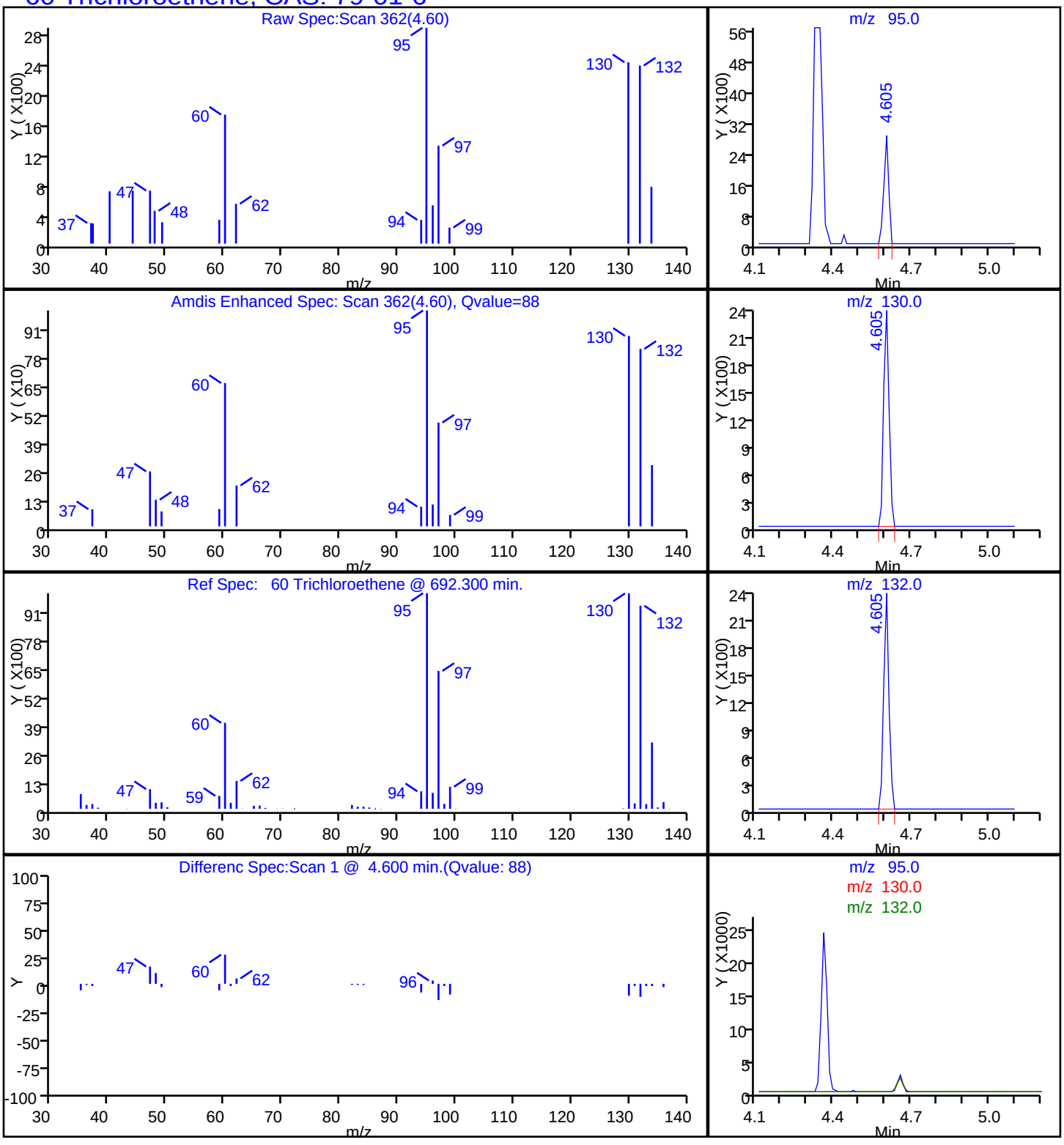
Report Date: 15-Jul-2014 10:39:07 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3261.D

Injection Date:	14-Jul-2014 21:17:30	Instrument ID:	HP5975T		
Lims ID:	480-63231-A-10	Lab Sample ID:	480-63231-10		
Client ID:	DUP				
Operator ID:	gtg	ALS Bottle#:	62	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	T-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

60 Trichloroethene, CAS: 79-01-6



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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-189174/5	F9380.D
Level 2	IC 480-189174/6	F9381.D
Level 3	IC 480-189174/7	F9382.D
Level 4	IC 480-189174/8	F9383.D
Level 5	ICIS 480-189174/9	F9384.D
Level 6	IC 480-189174/10	F9385.D
Level 7	IC 480-189174/11	F9386.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 2.0777	2.0760 1.9896	2.2094	2.3192	2.3154	Ave		2.1646			0.1000	6.4		20.0			
Chloromethane	+++++ 0.9305	1.0621 1.0244	1.0248	0.9465	1.0078	Ave		0.9993			0.1000	5.1		20.0			
Vinyl chloride	+++++ 0.7541	0.7823 0.7857	0.7283	0.7765	0.8108	Ave		0.7730			0.1000	3.7		20.0			
Butadiene	+++++ 0.6972	0.6717 0.7242	0.7097	0.7207	0.7539	Ave		0.7129				3.9		20.0			
Bromomethane	+++++ 0.5339	0.4660 0.5588	0.5246	0.5592	0.5774	Ave		0.5366			0.1000	7.4		20.0			
Chloroethane	+++++ 0.4026	0.3746 0.4148	0.3928	0.4016	0.4326	Ave		0.4032			0.1000	4.9		20.0			
Dichlorofluoromethane	+++++ 1.2064	1.1163 1.2435	1.1984	1.2796	1.3173	Ave		1.2269				5.7		20.0			
Trichlorofluoromethane	+++++ 1.3407	1.2636 1.3724	1.3527	1.3887	1.4727	Ave		1.3651			0.1000	5.0		20.0			
Ethyl ether	+++++ 0.7209	0.6769 0.7204	0.7254	0.7070	0.7637	Ave		0.7191				3.9		20.0			
Acrolein	+++++ 0.1297	0.1070 0.1269	0.1196	0.1217	0.1270	Ave		0.1220				6.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 1.1398	1.1046 1.1424	1.1245	1.1301	1.1770	Ave		1.1364			0.1000	2.1		20.0			
1,1-Dichloroethene	+++++ 1.0813	1.0629 1.0833	1.0487	1.0542	1.1076	Ave		1.0730			0.1000	2.1		20.0			
Acetone	+++++ 0.3761	0.4088 0.3546	0.3867	0.3789	0.3778	Ave		0.3805			0.1000	4.6		20.0			
Iodomethane	+++++ 2.1936	2.4758 2.1382	2.1217	2.0901	2.1494	Ave		2.1948				6.5		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	+++++ 3.7320	4.1505 3.3104	3.2126	3.3781	3.5796	Ave		3.5605			0.1000	9.7		20.0			
Methyl acetate	+++++ 1.0720	1.2140 0.8079	0.9561	0.8880	0.8870	Ave		0.9708			0.1000	15.0		20.0			
Allyl chloride	+++++ 2.1175	2.2368 1.6743	1.8064	1.7509	1.8079	Ave		1.8990				12.0		20.0			
Methylene Chloride	+++++ 1.6046	2.6550 1.2319	2.0161	1.4257	1.5431	Qua	-1.025	1.8571	-0.003		0.1000				0.9960		0.9900
2-Methyl-2-propanol	+++++ 0.1829	0.1701 0.1559	0.1712	0.1393	0.1730	Ave		0.1654				9.3		20.0			
Methyl tert-butyl ether	+++++ 4.6398	4.8081 4.3971	4.4124	4.1129	4.7836	Ave		4.5257			0.1000	5.9		20.0			
trans-1,2-Dichloroethene	+++++ 1.6559	1.7947 1.5616	1.6674	1.5644	1.7401	Ave		1.6640			0.1000	5.6		20.0			
Acrylonitrile	0.6418 0.6066	0.6907 0.5430	0.6387	0.5655	0.6319	Ave		0.6169				8.1		20.0			
Hexane	+++++ 2.6254	4.0985 2.5319	3.5904	2.9529	3.0297	Ave		3.1381				19.0		20.0			
Vinyl acetate	+++++ 2.7565	2.8258 2.7433	2.7810	2.7956	3.0202	Ave		2.8204				3.6		20.0			
1,1-Dichloroethane	+++++ 2.7326	3.0990 2.7618	2.9668	2.9031	3.0108	Ave		2.9124			0.2000	4.9		20.0			
2-Butanone (MEK)	+++++ 0.8177	0.8560 0.7796	0.8760	0.8242	0.8348	Ave		0.8314			0.1000	4.0		20.0			
2,2-Dichloropropane	+++++ 2.2919	2.1600 2.3133	2.3061	2.3532	2.4259	Ave		2.3084				3.8		20.0			
cis-1,2-Dichloroethene	+++++ 1.8441	1.9330 1.8564	1.9878	1.9455	1.9591	Ave		1.9210			0.1000	3.0		20.0			
Chlorobromomethane	+++++ 0.9458	0.9864 0.9726	0.9606	0.9628	0.9678	Ave		0.9660				1.4		20.0			
Tetrahydrofuran	+++++ 0.5419	0.5433 0.5271	0.5827	0.5261	0.5450	Ave		0.5444				3.8		20.0			
Chloroform	+++++ 2.9342	2.9626 2.9711	3.1137	2.9733	3.0181	Ave		2.9955			0.2000	2.1		20.0			
1,1,1-Trichloroethane	+++++ 2.5373	2.2956 2.6107	2.4140	2.5070	2.6655	Ave		2.5050			0.1000	5.4		20.0			
Cyclohexane	+++++ 3.0561	3.0150 3.0826	3.2238	3.1371	3.2476	Ave		3.1270			0.1000	3.0		20.0			
1,1-Dichloropropene	+++++ 2.2225	2.1419 2.2503	2.3015	2.2569	2.2952	Ave		2.2447				2.6		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	+++++ 2.3551	2.0685 2.4203	2.2483	2.2364	2.4129	Ave		2.2902			0.1000	5.9		20.0			
Isobutyl alcohol	+++++ 0.0942	0.0779 0.0924	0.0846	0.0843	0.0907	Ave		0.0874				7.0		20.0			
Benzene	+++++ 6.6777	7.0833 6.7395	7.2944	7.0730	7.1320	Ave		7.0000			0.5000	3.4		20.0			
1,2-Dichloroethane	+++++ 2.1362	2.2193 2.1857	2.2284	2.2371	2.3193	Ave		2.2210			0.1000	2.7		20.0			
n-Heptane	+++++ 2.7905	2.8394 2.7350	3.0911	2.9594	2.9847	Ave		2.9000				4.6		20.0			
Trichloroethene	+++++ 1.7877	1.7543 1.8298	1.8546	1.7798	1.8445	Ave		1.8084			0.2000	2.2		20.0			
Methylcyclohexane	+++++ 3.1134	3.1031 3.1615	3.3035	3.2200	3.3538	Ave		3.2092			0.1000	3.2		20.0			
1,2-Dichloropropane	+++++ 1.6066	1.5102 1.6283	1.6728	1.5656	1.6493	Ave		1.6055			0.1000	3.7		20.0			
1,4-Dioxane	+++++ 0.0081	0.0043 0.0081	0.0065	0.0072	0.0075	Lin1	-0.383	0.0082							1.0000		0.9900
Dibromomethane	+++++ 1.0077	0.8716 1.0130	0.9545	0.9732	0.9632	Ave		0.9639			0.1000	5.3		20.0			
Bromodichloromethane	+++++ 2.1691	1.7805 2.2822	1.9715	2.0170	2.1699	Ave		2.0650			0.2000	8.7		20.0			
2-Chloroethyl vinyl ether	+++++ 1.1053	0.8284 1.0837	0.9513	0.9489	1.0682	Ave		0.9976				11.0		20.0			
cis-1,3-Dichloropropene	+++++ 2.5915	2.1677 2.6467	2.3618	2.4315	2.6338	Ave		2.4722			0.2000	7.6		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.6920	0.6584 0.6503	0.7560	0.7179	0.7325	Ave		0.7012			0.1000	6.0		20.0			
Toluene	+++++ 1.8198	2.0821 1.8213	2.0930	1.9796	1.9406	Ave		1.9561			0.4000	6.1		20.0			
Ethyl methacrylate	+++++ 0.8509	0.7873 0.8923	0.8297	0.8370	0.9249	Ave		0.8537				5.7		20.0			
trans-1,3-Dichloropropene	+++++ 0.8936	0.8307 0.9550	0.9187	0.9108	0.9774	Ave		0.9144			0.1000	5.6		20.0			
1,1,2-Trichloroethane	+++++ 0.4887	0.5197 0.5099	0.5422	0.5264	0.5232	Ave		0.5183			0.1000	3.5		20.0			
Tetrachloroethene	+++++ 0.8474	0.9266 0.8512	0.9810	0.9390	0.9168	Ave		0.9103			0.2000	5.7		20.0			
1,3-Dichloropropane	+++++ 1.0041	1.1259 0.9855	1.1167	1.0588	1.0710	Ave		1.0603				5.4		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	+++++ 0.4934	0.4900 0.4596	0.5236	0.5060	0.5200	Ave		0.4988			0.1000	4.7		20.0			
Dibromochloromethane	+++++ 0.7191	0.5010 0.7717	0.6525	0.6742	0.7494	Ave		0.6780			0.1000	14.0		20.0			
1,2-Dibromoethane	+++++ 0.6672	0.6025 0.6884	0.6797	0.6575	0.6720	Ave		0.6612				4.6		20.0			
Chlorobenzene	+++++ 2.0514	2.2117 2.0651	2.3184	2.1344	2.1107	Ave		2.1486			0.5000	4.7		20.0			
Ethylbenzene	+++++ 3.3281	3.5343 3.3386	3.8322	3.5650	3.5980	Ave		3.5327			0.1000	5.3		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.7087	0.6445 0.7287	0.7052	0.7204	0.7440	Ave		0.7086				4.9		20.0			
m,p-Xylene	+++++ 1.3457	1.4383 1.3911	1.5142	1.4675	1.4430	Ave		1.4333			0.1000	4.1		20.0			
o-Xylene	+++++ 1.2648	1.3297 1.2699	1.4673	1.3590	1.3962	Ave		1.3478			0.3000	5.8		20.0			
Styrene	+++++ 2.1865	2.1987 2.2083	2.3596	2.2921	2.3442	Ave		2.2649			0.3000	3.4		20.0			
Bromoform	+++++ 0.4888	0.3482 0.5391	0.3931	0.4316	0.4834	Ave		0.4474			0.1000	16.0		20.0			
Isopropylbenzene	+++++ 3.1986	3.1726 3.1606	3.5101	3.3943	3.3301	Ave		3.2944			0.1000	4.3		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7564	0.7021 0.7452	0.7586	0.7279	0.7116	Ave		0.7336			0.3000	3.2		20.0			
Bromobenzene	+++++ 0.8679	0.8788 0.8747	0.8952	0.8756	0.8624	Ave		0.8758				1.3		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2414	0.1961 0.2405	0.2227	0.2291	0.2376	Ave		0.2279				7.5		20.0			
N-Propylbenzene	+++++ 3.6276	3.7156 3.6398	3.8310	3.8326	3.7411	Ave		3.7313				2.4		20.0			
1,2,3-Trichloropropane	+++++ 0.2506	0.2320 0.2477	0.2563	0.2505	0.2429	Ave		0.2466				3.4		20.0			
2-Chlorotoluene	+++++ 0.8004	0.7392 0.7680	0.8723	0.7970	0.8128	Ave		0.7983				5.6		20.0			
1,3,5-Trimethylbenzene	+++++ 2.7486	2.5407 2.6217	2.9626	2.8099	2.8024	Ave		2.7476				5.4		20.0			
4-Chlorotoluene	+++++ 0.8226	0.8074 0.8368	0.9061	0.8413	0.8274	Ave		0.8403				4.1		20.0			
tert-Butylbenzene	+++++ 0.5938	0.5770 0.6231	0.6596	0.6260	0.6362	Ave		0.6193				4.8		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	+++++ 2.7066	2.7126 2.8017	2.8523	2.8855	2.8426	Ave		2.8002				2.7		20.0			
sec-Butylbenzene	+++++ 3.4805	3.4611 3.4375	3.8456	3.7225	3.5982	Ave		3.5909				4.6		20.0			
4-Isopropyltoluene	+++++ 3.0621	3.0323 3.0542	3.2991	3.2241	3.1880	Ave		3.1433				3.5		20.0			
1,3-Dichlorobenzene	+++++ 1.5967	1.7091 1.6076	1.8088	1.7105	1.6677	Ave		1.6834			0.6000	4.6		20.0			
1,4-Dichlorobenzene	+++++ 1.6113	1.7091 1.6322	1.8024	1.6897	1.6795	Ave		1.6874			0.5000	4.0		20.0			
n-Butylbenzene	+++++ 2.6517	2.5063 2.6641	2.8615	2.6802	2.7683	Ave		2.6887				4.4		20.0			
1,2-Dichlorobenzene	+++++ 1.5430	1.5228 1.4820	1.5861	1.5882	1.5980	Ave		1.5534			0.4000	2.9		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1404	0.1105 0.1470	0.1260	0.1269	0.1415	Ave		0.1320			0.0500	10.0		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1576	0.9627 1.1510	1.0698	1.0733	1.1554	Ave		1.0950			0.2000	7.0		20.0			
Hexachlorobutadiene	+++++ 0.6760	0.6476 0.6801	0.6694	0.6669	0.7027	Ave		0.6738				2.7		20.0			
Naphthalene	+++++ 2.7739	2.0762 2.7858	2.3984	2.4968	2.7876	Ave		2.5531				11.0		20.0			
1,2,3-Trichlorobenzene	+++++ 1.0305	0.8968 1.0888	1.0008	1.0033	1.1007	Ave		1.0201				7.2		20.0			
Dibromofluoromethane (Surr)	1.2450 1.3605	1.3298 1.3677	1.3127	1.2703	1.3480	Ave		1.3192				3.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.7308 0.7606	0.7631 0.7527	0.7497	0.7224	0.7611	Ave		0.7486				2.1		20.0			
Toluene-d8 (Surr)	2.1660 2.1517	2.3241 2.1445	2.3108	2.1687	2.2170	Ave		2.2118				3.4		20.0			
4-Bromofluorobenzene (Surr)	0.7199 0.7309	0.7866 0.7585	0.7674	0.7300	0.7056	Ave		0.7427				3.9		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-189174/5	F9380.D
Level 2	IC 480-189174/6	F9381.D
Level 3	IC 480-189174/7	F9382.D
Level 4	IC 480-189174/8	F9383.D
Level 5	ICIS 480-189174/9	F9384.D
Level 6	IC 480-189174/10	F9385.D
Level 7	IC 480-189174/11	F9386.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	+++++ 339713	17178 635399	35095	72257	179391	+++++ 100	5.00 200	10.0	20.0	50.0
Chloromethane	FB	Ave	+++++ 152136	8788 327160	16278	29491	78078	+++++ 100	5.00 200	10.0	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 123302	6473 250940	11568	24194	62821	+++++ 100	5.00 200	10.0	20.0	50.0
Butadiene	FB	Ave	+++++ 114000	5558 231291	11273	22453	58410	+++++ 100	5.00 200	10.0	20.0	50.0
Bromomethane	FB	Ave	+++++ 87301	3856 178454	8333	17422	44731	+++++ 100	5.00 200	10.0	20.0	50.0
Chloroethane	FB	Ave	+++++ 65825	3100 132480	6239	12513	33515	+++++ 100	5.00 200	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 197244	9237 397136	19036	39869	102059	+++++ 100	5.00 200	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 219206	10456 438315	21486	43266	114098	+++++ 100	5.00 200	10.0	20.0	50.0
Ethyl ether	FB	Ave	+++++ 117876	5601 230088	11522	22028	59172	+++++ 100	5.00 200	10.0	20.0	50.0
Acrolein	FB	Ave	+++++ 106051	4426 202676	9500	18952	49199	+++++ 500	25.0 1000	50.0	100	250
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	+++++ 186365	9140 364841	17862	35209	91192	+++++ 100	5.00 200	10.0	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 176801	8795 345987	16657	32844	85814	+++++ 100	5.00 200	10.0	20.0	50.0
Acetone	FB	Ave	+++++ 307510	16912 566291	30713	59033	146350	+++++ 500	25.0 1000	50.0	100	250
Iodomethane	FB	Ave	+++++ 358669	20486 682871	33701	65121	166525	+++++ 100	5.00 200	10.0	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 610192	34343 1057229	51029	105250	277335	+++++ 100	5.00 200	10.0	20.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	+++++ 876341	50228 1290068	75935	138336	343588	+++++ 500	25.0 1000	50.0	100	250
Allyl chloride	FB	Ave	+++++ 346218	18508 534726	28694	54552	140068	+++++ 100	5.00 200	10.0	20.0	50.0
Methylene Chloride	FB	Qua	+++++ 262353	21969 393436	32024	44419	119555	+++++ 100	5.00 200	10.0	20.0	50.0
2-Methyl-2-propanol	FB	Ave	+++++ 298974	14075 497756	27194	43402	134017	+++++ 1000	50.0 2000	100	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 758631	39785 1404279	70088	128144	370616	+++++ 100	5.00 200	10.0	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 270746	14850 498713	26485	48740	134815	+++++ 100	5.00 200	10.0	20.0	50.0
Acrylonitrile	FB	Ave	26203 991744	57149 1734261	101455	176176	489595	25.0 1000	50.0 2000	100	200	500
Hexane	FB	Ave	+++++ 429263	33913 808609	57031	92001	234731	+++++ 100	5.00 200	10.0	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 901398	46764 1752249	88349	174203	467993	+++++ 200	10.0 400	20.0	40.0	100
1,1-Dichloroethane	FB	Ave	+++++ 446787	25643 882040	47126	90451	233264	+++++ 100	5.00 200	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	+++++ 668449	35415 1244925	69572	128391	323372	+++++ 500	25.0 1000	50.0	100	250
2,2-Dichloropropane	FB	Ave	+++++ 374738	17873 738783	36630	73317	187951	+++++ 100	5.00 200	10.0	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 301511	15995 592890	31574	60614	151781	+++++ 100	5.00 200	10.0	20.0	50.0
Chlorobromomethane	FB	Ave	+++++ 154635	8162 310627	15258	29998	74982	+++++ 100	5.00 200	10.0	20.0	50.0
Tetrahydrofuran	FB	Ave	+++++ 177220	8991 336658	18512	32784	84453	+++++ 200	10.0 400	20.0	40.0	100
Chloroform	FB	Ave	+++++ 479760	24514 948877	49458	92637	233830	+++++ 100	5.00 200	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 414865	18995 833765	38344	78108	206509	+++++ 100	5.00 200	10.0	20.0	50.0
Cyclohexane	FB	Ave	+++++ 499688	24948 984471	51208	97741	251612	+++++ 100	5.00 200	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 363380	17723 718688	36558	70316	177826	+++++ 100	5.00 200	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 385062	17116 772978	35712	69677	186939	+++++ 100	5.00 200	10.0	20.0	50.0
Isobutyl alcohol	FB	Ave	+++++ 384955	16122 738068	33610	65669	175672	+++++ 2500	125 5000	250	500	1250

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzene	FB	Ave	+++++ 1091837	58611 2152379	115866	220369	552557	+++++ 100	5.00 200	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 349275	18364 698057	35397	69699	179693	+++++ 100	5.00 200	10.0	20.0	50.0
n-Heptane	FB	Ave	+++++ 456250	23495 873461	49099	92204	231240	+++++ 100	5.00 200	10.0	20.0	50.0
Trichloroethene	FB	Ave	+++++ 292292	14516 584384	29459	55452	142903	+++++ 100	5.00 200	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 509061	25677 1009685	52473	100325	259838	+++++ 100	5.00 200	10.0	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 262687	12496 520042	26571	48780	127780	+++++ 100	5.00 200	10.0	20.0	50.0
1,4-Dioxane	CBZ	Lin1	+++++ 61776	1487 120003	4561	10161	26995	+++++ 2000	100 4000	200	400	1000
Dibromomethane	FB	Ave	+++++ 164762	7212 323522	15162	30320	74628	+++++ 100	5.00 200	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 354655	14733 728847	31315	62842	168117	+++++ 100	5.00 200	10.0	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 180715	6855 346097	15111	29565	82762	+++++ 100	5.00 200	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	+++++ 423715	17937 845277	37515	75756	204056	+++++ 100	5.00 200	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	+++++ 1314568	57288 2414852	132520	252422	658385	+++++ 500	25.0 1000	50.0	100	250
Toluene	CBZ	Ave	+++++ 691379	36236 1352726	73380	139222	348849	+++++ 100	5.00 200	10.0	20.0	50.0
Ethyl methacrylate	CBZ	Ave	+++++ 323270	13702 662711	29090	58863	166266	+++++ 100	5.00 200	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 339482	14457 709277	32211	64052	175704	+++++ 100	5.00 200	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 185660	9045 378705	19010	37018	94056	+++++ 100	5.00 200	10.0	20.0	50.0
Tetrachloroethene	CBZ	Ave	+++++ 321960	16126 632165	34393	66037	164807	+++++ 100	5.00 200	10.0	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 381477	19594 731910	39151	74462	192523	+++++ 100	5.00 200	10.0	20.0	50.0
2-Hexanone	CBZ	Ave	+++++ 937317	42637 1706725	91779	177921	467404	+++++ 500	25.0 1000	50.0	100	250
Dibromochloromethane	CBZ	Ave	+++++ 273186	8719 573151	22876	47416	134714	+++++ 100	5.00 200	10.0	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	+++++ 253469	10486 511287	23829	46240	120809	+++++ 100	5.00 200	10.0	20.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBZ	Ave	+++++ 779360	38491 1533801	81283	150103	379436	+++++ 100	5.00 200	10.0	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 1264400	61508 2479630	134358	250717	646814	+++++ 100	5.00 200	10.0	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 269229	11216 541207	24723	50666	133745	+++++ 100	5.00 200	10.0	20.0	50.0
m,p-Xylene	CBZ	Ave	+++++ 511252	25032 1033220	53087	103204	259411	+++++ 100	5.00 200	10.0	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 480508	23141 943141	51445	95571	250985	+++++ 100	5.00 200	10.0	20.0	50.0
Styrene	CBZ	Ave	+++++ 830684	38265 1640131	82727	161194	421417	+++++ 100	5.00 200	10.0	20.0	50.0
Bromoform	CBZ	Ave	+++++ 185693	6059 400432	13782	30352	86896	+++++ 100	5.00 200	10.0	20.0	50.0
Isopropylbenzene	DCB	Ave	+++++ 1246816	60916 2416481	127775	260334	651455	+++++ 100	5.00 200	10.0	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 294854	13480 569727	27614	55825	139199	+++++ 100	5.00 200	10.0	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 338321	16873 668770	32588	67157	168701	+++++ 100	5.00 200	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 94097	3765 183846	8108	17573	46479	+++++ 100	5.00 200	10.0	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 1414049	71342 2782782	139453	293953	731865	+++++ 100	5.00 200	10.0	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 97675	4454 189358	9328	19209	47512	+++++ 100	5.00 200	10.0	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 312006	14194 587204	31753	61129	159010	+++++ 100	5.00 200	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 1071414	48783 2004451	107843	215512	548216	+++++ 100	5.00 200	10.0	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 320634	15503 639784	32983	64528	161865	+++++ 100	5.00 200	10.0	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 231465	11078 476367	24010	48010	124465	+++++ 100	5.00 200	10.0	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 1055027	52084 2142071	103828	221311	556084	+++++ 100	5.00 200	10.0	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 1356718	66455 2628111	139986	285507	703902	+++++ 100	5.00 200	10.0	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 1193610	58222 2335125	120094	247278	623668	+++++ 100	5.00 200	10.0	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 622412	32815 1229120	65843	131191	326244	+++++ 100	5.00 200	10.0	20.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 189174

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2014 00:33 Calibration End Date: 06/23/2014 03:08 Calibration ID: 19060

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCB	Ave	+++++ 628073	32816 1247926	65611	129593	328550	+++++ 100	5.00 200	10.0	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 1033618	48123 2036852	104163	205564	541554	+++++ 100	5.00 200	10.0	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 601461	29239 1133089	57738	121814	312612	+++++ 100	5.00 200	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 54724	2122 112413	4585	9730	27689	+++++ 100	5.00 200	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 451225	18484 880030	38943	82317	226022	+++++ 100	5.00 200	10.0	20.0	50.0
Hexachlorobutadiene	DCB	Ave	+++++ 263507	12435 519978	24368	51146	137467	+++++ 100	5.00 200	10.0	20.0	50.0
Naphthalene	DCB	Ave	+++++ 1081247	39864 2129855	87304	191495	545336	+++++ 100	5.00 200	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 401693	17219 832447	36430	76947	215326	+++++ 100	5.00 200	10.0	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	101670 111225	110035 109202	104257	98944	104440	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	59677 62177	63140 60094	59540	56272	58964	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	399924 408738	404466 398183	405089	381288	398553	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	132920 138843	136900 140829	134519	128343	126848	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9380.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Jun-2014 00:33:30 ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0033180-005 =480-0033180-005
Operator ID: CDC Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2014 21:38:44 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: cwiklinc Date: 23-Jun-2014 21:38:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.474	-0.006	99	81661	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	81	184635	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	92	190806	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	57	101670	50.0	47.2	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	59677	50.0	48.8	
$ 5 Toluene-d8 (Surr)	98	6.849	6.855	-0.006	92	399924	50.0	49.0	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	93	132920	50.0	48.5	
10 Dichlorodifluoromethane	85		1.946					ND	
12 Chloromethane	50		2.104					ND	
13 Vinyl chloride	62		2.220					ND	
151 Butadiene	54		2.226					ND	
14 Bromomethane	94		2.506					ND	
15 Chloroethane	64		2.579					ND	
16 Dichlorofluoromethane	67		2.749					ND	
17 Trichlorofluoromethane	101		2.804					ND	
18 Ethyl ether	59		2.968					ND	
20 Acrolein	56		3.132					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.163					ND	
22 1,1-Dichloroethene	96		3.205					ND	
23 Acetone	43		3.242					ND	
25 Iodomethane	142		3.357					ND	
26 Carbon disulfide	76		3.406					ND	
27 Methyl acetate	43		3.467					ND	
28 3-Chloro-1-propene	41		3.467					ND	
30 Methylene Chloride	84		3.583					ND	
31 2-Methyl-2-propanol	59		3.637					ND	
32 Methyl tert-butyl ether	73		3.729					ND	
34 trans-1,2-Dichloroethene	96		3.771					ND	
33 Acrylonitrile	53	3.789	3.783	0.006	96	26203	25.0	26.0	
35 Hexane	57		3.905					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43		4.087					ND	
39 1,1-Dichloroethane	63		4.106					ND	
43 2-Butanone (MEK)	43		4.550					ND	
44 2,2-Dichloropropane	77		4.550					ND	
45 cis-1,2-Dichloroethene	96		4.562					ND	
48 Chlorobromomethane	128		4.769					ND	
49 Tetrahydrofuran	42		4.787					ND	
50 Chloroform	83		4.805					ND	
51 1,1,1-Trichloroethane	97		4.951					ND	
52 Cyclohexane	56		4.976					ND	
54 1,1-Dichloropropene	75		5.067					ND	
55 Carbon tetrachloride	117		5.079					ND	
53 Isobutyl alcohol	43		5.128					ND	
57 Benzene	78		5.255					ND	
58 1,2-Dichloroethane	62		5.292					ND	
59 n-Heptane	43		5.347					ND	
62 Trichloroethene	95		5.779					ND	
64 Methylcyclohexane	83		5.913					ND	
65 1,2-Dichloropropane	63		5.998					ND	
66 1,4-Dioxane	88		6.107					ND	
67 Dibromomethane	93		6.132					ND	
68 Dichlorobromomethane	83		6.247					ND	
69 2-Chloroethyl vinyl ether	63		6.448					ND	
72 cis-1,3-Dichloropropene	75		6.618					ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722					ND	
74 Toluene	92		6.916					ND	
75 Ethyl methacrylate	69		7.135					ND	
77 trans-1,3-Dichloropropene	75		7.141					ND	
79 1,1,2-Trichloroethane	83		7.336					ND	
81 Tetrachloroethene	166		7.439					ND	
82 1,3-Dichloropropane	76		7.500					ND	
80 2-Hexanone	43		7.513					ND	
83 Chlorodibromomethane	129		7.750					ND	
84 Ethylene Dibromide	107		7.878					ND	
87 Chlorobenzene	112		8.328					ND	
88 Ethylbenzene	91		8.389					ND	
89 1,1,1,2-Tetrachloroethane	131		8.407					ND	
90 m-Xylene & p-Xylene	106		8.510					ND	
91 o-Xylene	106		8.936					ND	
92 Styrene	104		8.960					ND	
95 Bromoform	173		9.234					ND	
94 Isopropylbenzene	105		9.307					ND	
97 1,1,2,2-Tetrachloroethane	83		9.678					ND	
101 Bromobenzene	156		9.690					ND	
98 trans-1,4-Dichloro-2-buten	53		9.721					ND	
99 N-Propylbenzene	91		9.721					ND	
100 1,2,3-Trichloropropane	110		9.733					ND	
103 2-Chlorotoluene	126		9.855					ND	
102 1,3,5-Trimethylbenzene	105		9.885					ND	
105 4-Chlorotoluene	126		9.958					ND	
106 tert-Butylbenzene	134		10.208					ND	
107 1,2,4-Trimethylbenzene	105		10.256					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105		10.408					ND	
110 4-Isopropyltoluene	119		10.530					ND	
111 1,3-Dichlorobenzene	146		10.566					ND	
113 1,4-Dichlorobenzene	146		10.652					ND	
115 n-Butylbenzene	91		10.901					ND	
116 1,2-Dichlorobenzene	146		10.992					ND	
117 1,2-Dibromo-3-Chloropropan	75		11.668					ND	
119 1,2,4-Trichlorobenzene	180		12.312					ND	
120 Hexachlorobutadiene	225		12.404					ND	
121 Naphthalene	128		12.544					ND	
122 1,2,3-Trichlorobenzene	180		12.757					ND	
S 123 Total BTEX	1		30.000					0	
S 124 Xylenes, Total	1		30.000					0	
S 125 1,2-Dichloroethene, Total	1		30.000					0	
S 126 1,3-Dichloropropene, Total	1		30.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

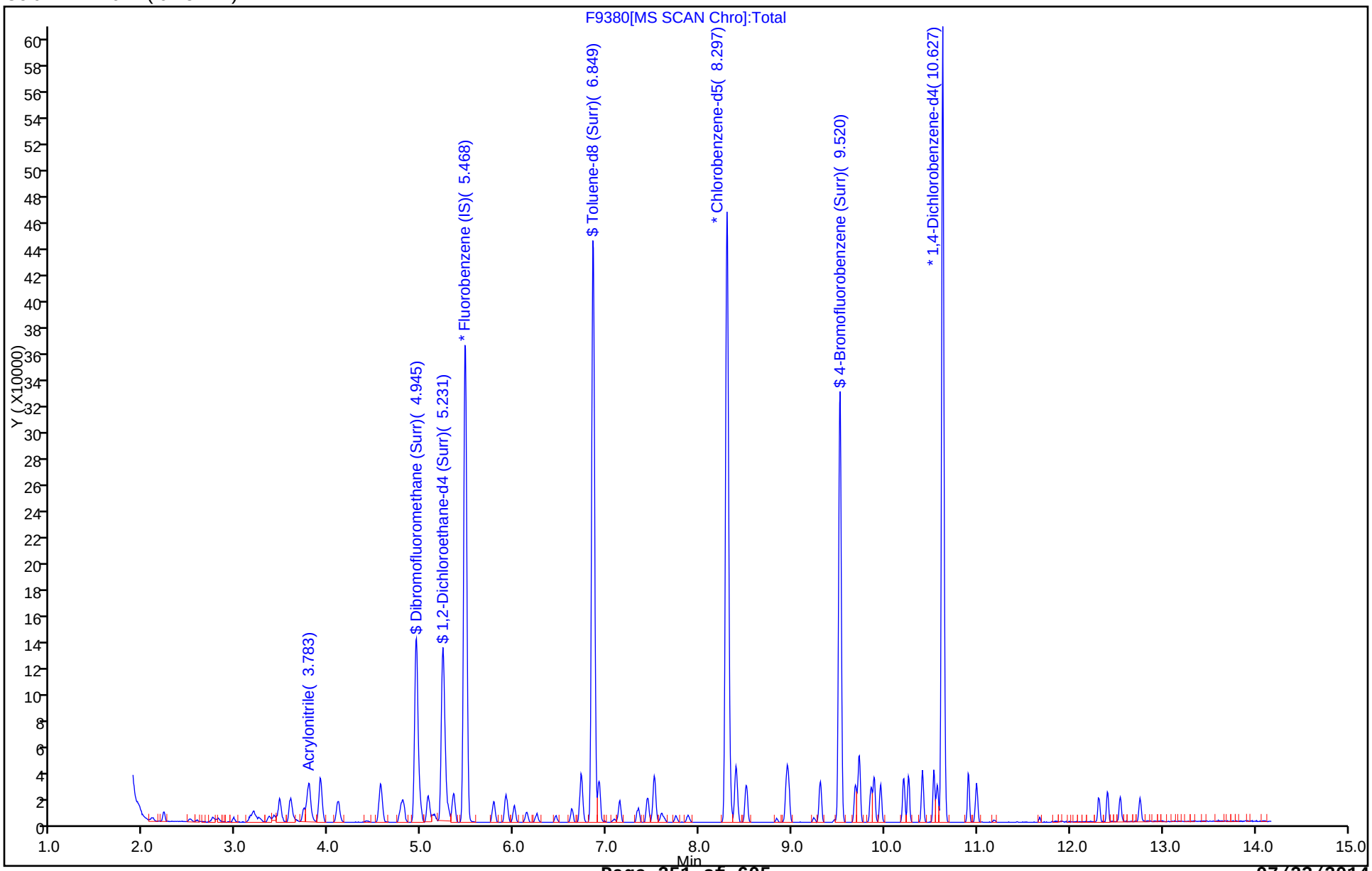
Report Date: 23-Jun-2014 21:38:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9380.D

Injection Date:	23-Jun-2014 00:33:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9381.D
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Jun-2014 00:58:30 ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0033180-006 =480-0033180-006
Operator ID: CDC Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2014 02:41:53 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: cwiklinc Date: 23-Jun-2014 21:39:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.474	-0.006	99	82745	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	81	174034	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	92	192006	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	65	110035	50.0	50.4	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	63140	50.0	51.0	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	92	404466	50.0	52.5	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	94	136900	50.0	53.0	
10 Dichlorodifluoromethane	85	1.946	1.946	0.000	68	17178	5.00	4.83	M
12 Chloromethane	50	2.098	2.104	-0.006	69	8788	5.00	5.31	
13 Vinyl chloride	62	2.220	2.220	0.000	23	6473	5.00	5.06	
151 Butadiene	54	2.220	2.226	-0.006	87	5558	5.00	4.71	
14 Bromomethane	94	2.493	2.506	-0.013	33	3856	5.00	4.34	
15 Chloroethane	64	2.573	2.579	-0.006	41	3100	5.00	4.65	
16 Dichlorofluoromethane	67	2.743	2.749	-0.006	23	9237	5.00	4.55	
17 Trichlorofluoromethane	101	2.810	2.804	0.006	42	10456	5.00	4.63	
18 Ethyl ether	59	2.974	2.968	0.006	73	5601	5.00	4.71	
20 Acrolein	56	3.132	3.132	0.000	41	4426	25.0	21.9	
21 1,1,2-Trichloro-1,2,2-trif	101	3.163	3.163	0.000	43	9140	5.00	4.86	
22 1,1-Dichloroethene	96	3.199	3.205	-0.006	68	8795	5.00	4.95	
23 Acetone	43	3.248	3.242	0.006	71	16912	25.0	26.9	
25 Iodomethane	142	3.351	3.357	-0.006	82	20486	5.00	5.64	
26 Carbon disulfide	76	3.412	3.406	0.006	89	34343	5.00	5.83	M
27 Methyl acetate	43	3.467	3.467	0.000	88	50228	25.0	31.3	
28 3-Chloro-1-propene	41	3.467	3.467	0.000	28	18508	5.00	5.89	
30 Methylene Chloride	84	3.589	3.583	0.007	80	21969	5.00	7.80	
31 2-Methyl-2-propanol	59	3.643	3.637	0.006	74	14075	50.0	51.4	
32 Methyl tert-butyl ether	73	3.735	3.729	0.007	79	39785	5.00	5.31	
34 trans-1,2-Dichloroethene	96	3.771	3.771	0.000	87	14850	5.00	5.39	
33 Acrylonitrile	53	3.783	3.783	0.000	98	57149	50.0	56.0	
35 Hexane	57	3.905	3.905	0.000	88	33913	5.00	6.53	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.087	4.087	0.000	88	46764	10.0	10.0	
39 1,1-Dichloroethane	63	4.106	4.106	0.000	58	25643	5.00	5.32	
43 2-Butanone (MEK)	43	4.556	4.550	0.006	95	35415	25.0	25.7	
44 2,2-Dichloropropane	77	4.556	4.550	0.006	45	17873	5.00	4.68	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	48	15995	5.00	5.03	
48 Chlorobromomethane	128	4.769	4.769	0.000	72	8162	5.00	5.11	
49 Tetrahydrofuran	42	4.787	4.787	0.000	79	8991	10.0	9.98	
50 Chloroform	83	4.805	4.805	0.000	65	24514	5.00	4.95	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	22	18995	5.00	4.58	
52 Cyclohexane	56	4.982	4.976	0.006	80	24948	5.00	4.82	
54 1,1-Dichloropropene	75	5.067	5.067	0.000	82	17723	5.00	4.77	
55 Carbon tetrachloride	117	5.079	5.079	0.000	63	17116	5.00	4.52	
53 Isobutyl alcohol	43	5.134	5.128	0.006	67	16122	125.0	111.5	
57 Benzene	78	5.255	5.255	0.000	95	58611	5.00	5.06	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	57	18364	5.00	5.00	
59 n-Heptane	43	5.347	5.347	0.000	84	23495	5.00	4.90	
62 Trichloroethene	95	5.773	5.779	-0.006	75	14516	5.00	4.85	
64 Methylcyclohexane	83	5.919	5.913	0.006	78	25677	5.00	4.83	
65 1,2-Dichloropropane	63	5.998	5.998	0.000	65	12496	5.00	4.70	
66 1,4-Dioxane	88	6.113	6.107	0.006	0	1487	100.0	99.0	M
67 Dibromomethane	93	6.138	6.132	0.006	74	7212	5.00	4.52	
68 Dichlorobromomethane	83	6.247	6.247	0.000	67	14733	5.00	4.31	
69 2-Chloroethyl vinyl ether	63	6.448	6.448	0.000	57	6855	5.00	4.15	
72 cis-1,3-Dichloropropene	75	6.624	6.618	0.006	55	17937	5.00	4.38	
73 4-Methyl-2-pentanone (MIBK	43	6.722	6.722	0.000	91	57288	25.0	23.5	
74 Toluene	92	6.916	6.916	0.000	90	36236	5.00	5.32	
75 Ethyl methacrylate	69	7.135	7.135	0.000	59	13702	5.00	4.61	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	65	14457	5.00	4.54	
79 1,1,2-Trichloroethane	83	7.336	7.336	0.000	59	9045	5.00	5.01	
81 Tetrachloroethene	166	7.446	7.439	0.007	79	16126	5.00	5.09	
82 1,3-Dichloropropane	76	7.500	7.500	0.000	70	19594	5.00	5.31	
80 2-Hexanone	43	7.512	7.513	0.000	90	42637	25.0	24.6	
83 Chlorodibromomethane	129	7.750	7.750	0.000	24	8719	5.00	3.69	
84 Ethylene Dibromide	107	7.877	7.878	-0.001	41	10486	5.00	4.56	
87 Chlorobenzene	112	8.328	8.328	0.000	84	38491	5.00	5.15	
88 Ethylbenzene	91	8.388	8.389	-0.001	90	61508	5.00	5.00	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	63	11216	5.00	4.55	
90 m-Xylene & p-Xylene	106	8.504	8.510	-0.006	0	25032	5.00	5.02	
91 o-Xylene	106	8.942	8.936	0.006	87	23141	5.00	4.93	
92 Styrene	104	8.960	8.960	0.000	87	38265	5.00	4.85	
95 Bromoform	173	9.240	9.234	0.006	49	6059	5.00	3.89	
94 Isopropylbenzene	105	9.301	9.307	-0.006	81	60916	5.00	4.82	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	64	13480	5.00	4.78	
101 Bromobenzene	156	9.690	9.690	0.000	76	16873	5.00	5.02	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	23	3765	5.00	4.30	
99 N-Propylbenzene	91	9.727	9.721	0.006	90	71342	5.00	4.98	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	15	4454	5.00	4.70	
103 2-Chlorotoluene	126	9.855	9.855	0.000	90	14194	5.00	4.63	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	67	48783	5.00	4.62	
105 4-Chlorotoluene	126	9.958	9.958	0.000	85	15503	5.00	4.80	
106 tert-Butylbenzene	134	10.207	10.208	-0.001	76	11078	5.00	4.66	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	81	52084	5.00	4.84	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	75	66455	5.00	4.82	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	85	58222	5.00	4.82	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	86	32815	5.00	5.08	
113 1,4-Dichlorobenzene	146	10.645	10.652	-0.007	79	32816	5.00	5.06	
115 n-Butylbenzene	91	10.901	10.901	0.000	88	48123	5.00	4.66	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	83	29239	5.00	4.90	
117 1,2-Dibromo-3-Chloropropan	75	11.674	11.668	0.006	13	2122	5.00	4.18	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	69	18484	5.00	4.40	
120 Hexachlorobutadiene	225	12.404	12.404	0.000	63	12435	5.00	4.81	
121 Naphthalene	128	12.544	12.544	0.000	74	39864	5.00	4.07	
122 1,2,3-Trichlorobenzene	180	12.756	12.757	-0.001	73	17219	5.00	4.40	
S 123 Total BTEX	1				0			25.3	
S 124 Xylenes, Total	1				0			9.95	
S 125 1,2-Dichloroethene, Total	1				0			10.4	
S 126 1,3-Dichloropropene, Total	1				0			8.93	

QC Flag Legend

Review Flags
M - Manually Integrated

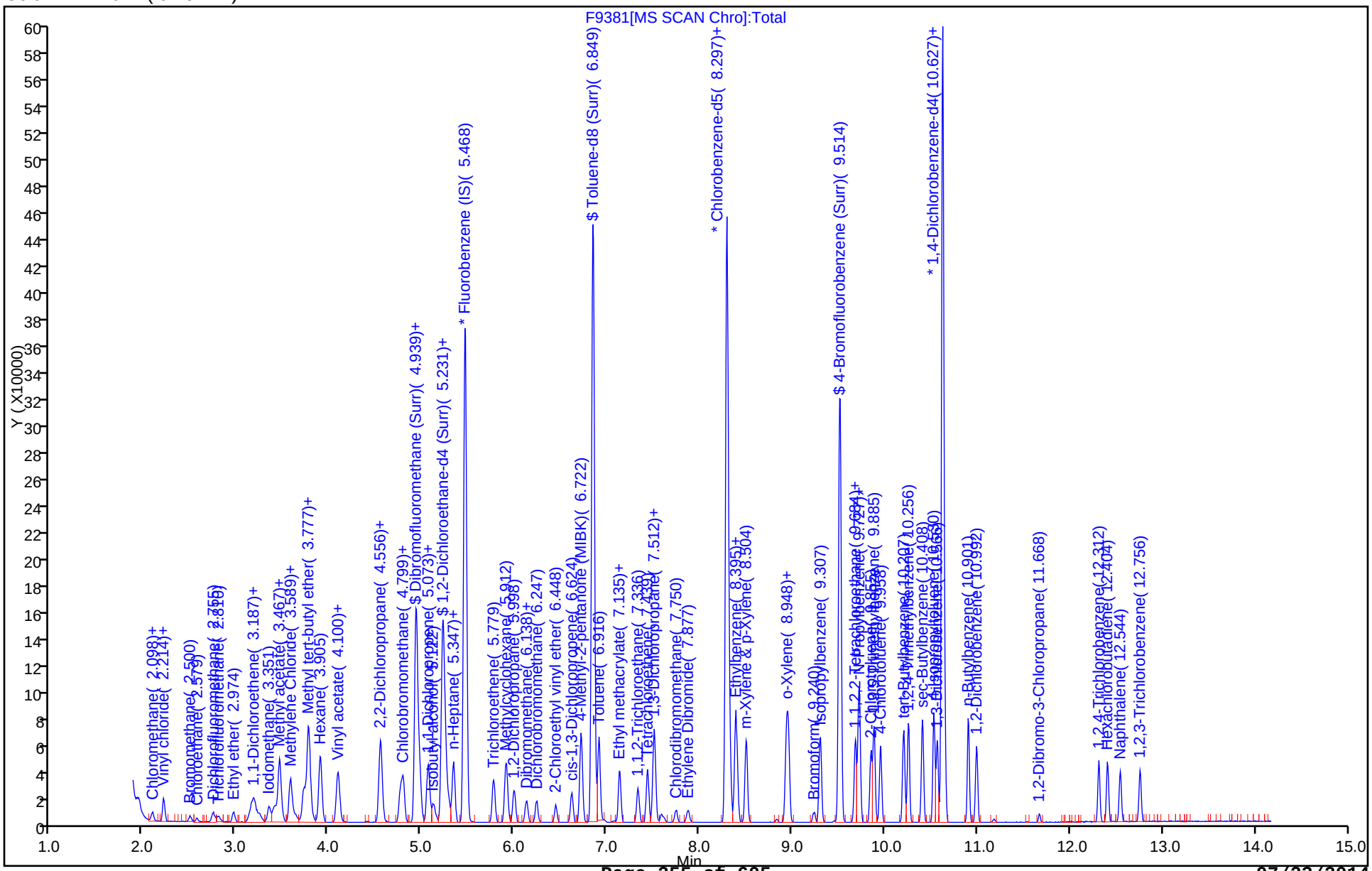
Report Date: 24-Jun-2014 02:41:56 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9381.D

Injection Date:	23-Jun-2014 00:58:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	IC 2			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

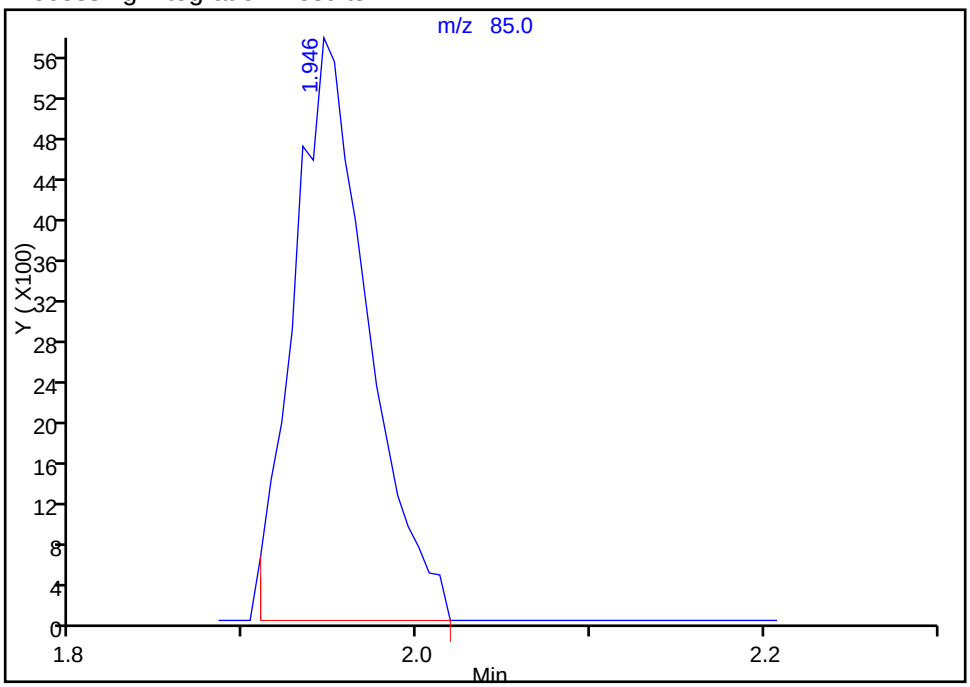
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9381.D
Injection Date: 23-Jun-2014 00:58:30 Instrument ID: HP5973F
Lims ID: IC 2
Client ID:
Operator ID: CDC ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

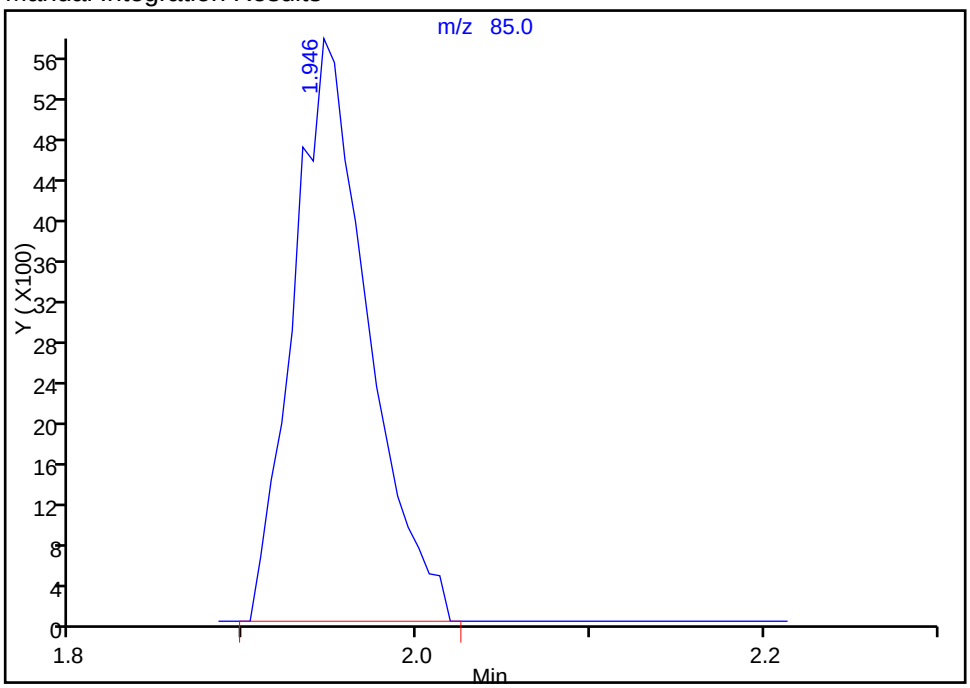
Processing Integration Results

RT: 1.95
Response: 17178
Amount: 4.828483



Manual Integration Results

RT: 1.95
Response: 17178
Amount: 4.828483



Reviewer: cwiklinc, 24-Jun-2014 02:41:53
Audit Action: Manually Integrated
Audit Reason: Cut Peak

Manual Integration/User Assign Peak Report

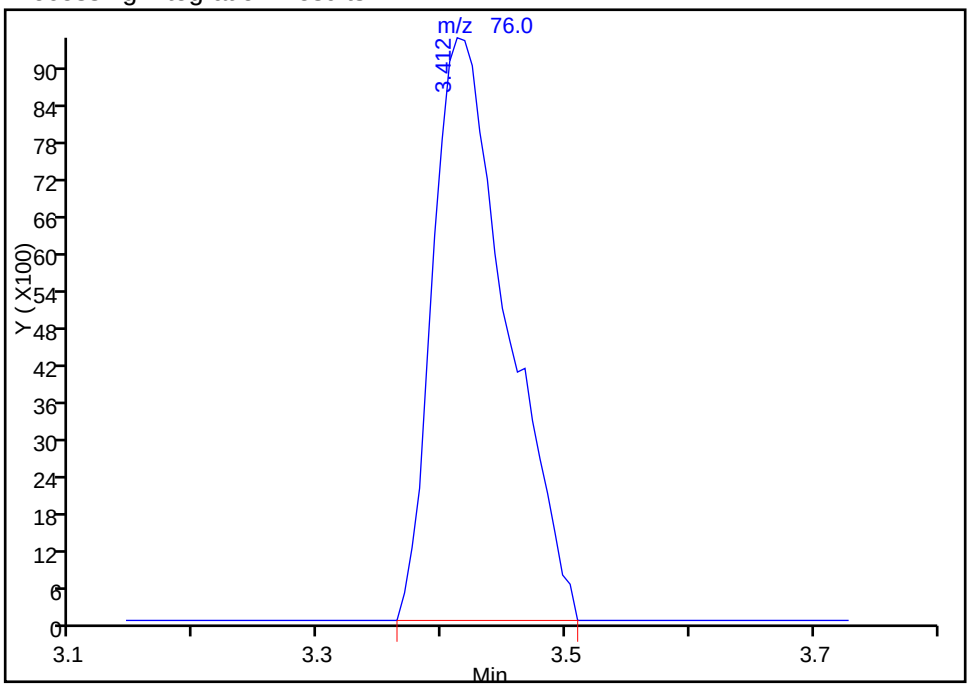
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9381.D
Injection Date: 23-Jun-2014 00:58:30 Instrument ID: HP5973F
Lims ID: IC 2
Client ID:
Operator ID: CDC ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

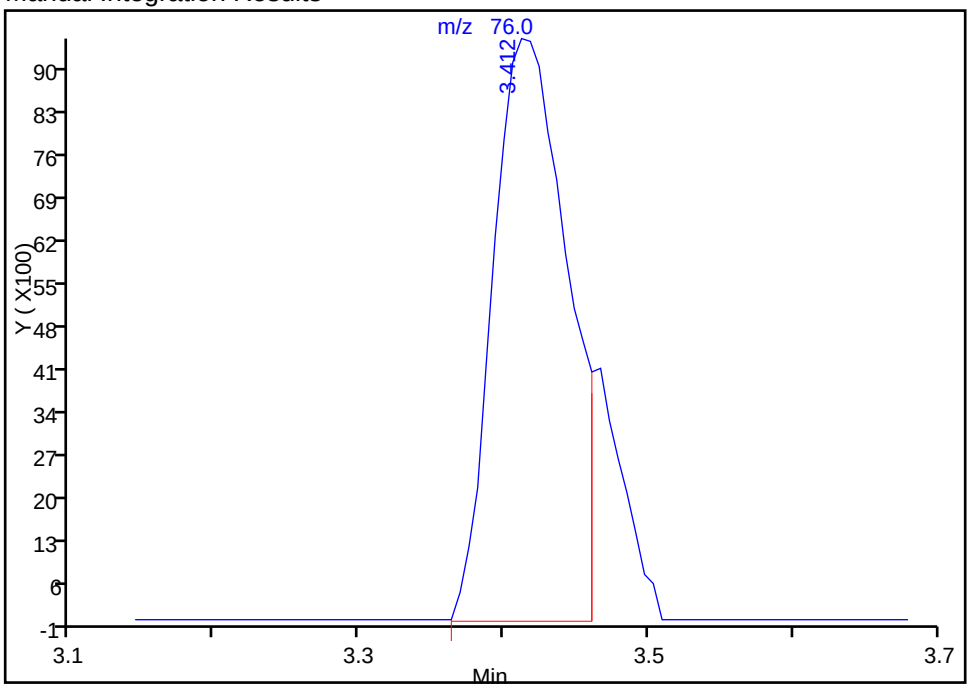
Processing Integration Results

RT: 3.41
Response: 39572
Amount: 5.685487



Manual Integration Results

RT: 3.41
Response: 34343
Amount: 5.828450



Reviewer: cwiklinc, 23-Jun-2014 21:39:53
Audit Action: Manually Integrated
Audit Reason: Coelution

Manual Integration/User Assign Peak Report

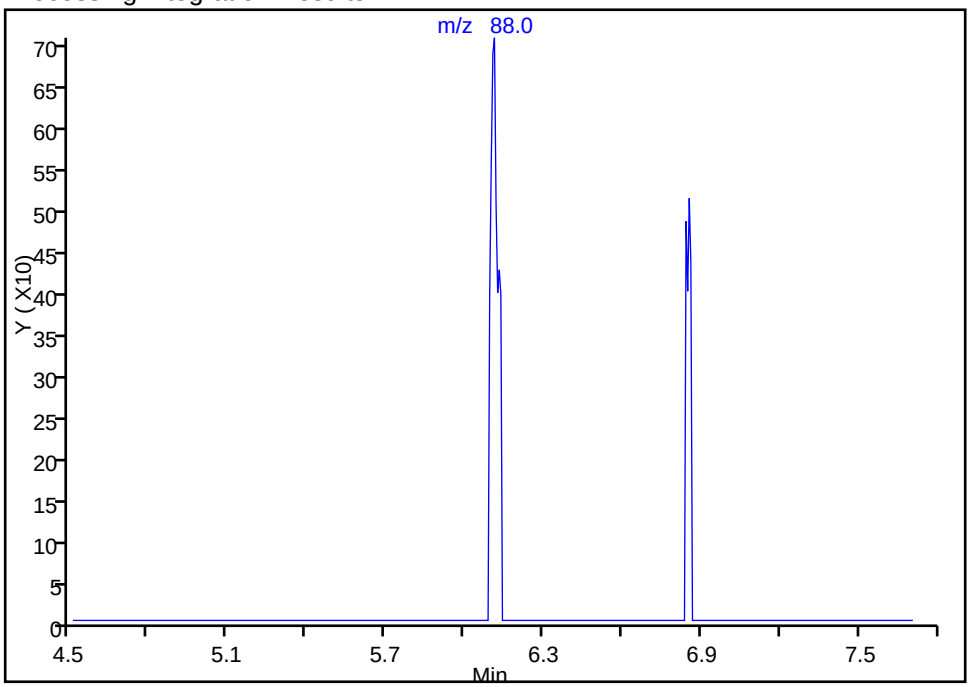
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9381.D
Injection Date: 23-Jun-2014 00:58:30 Instrument ID: HP5973F
Lims ID: IC 2
Client ID:
Operator ID: CDC ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

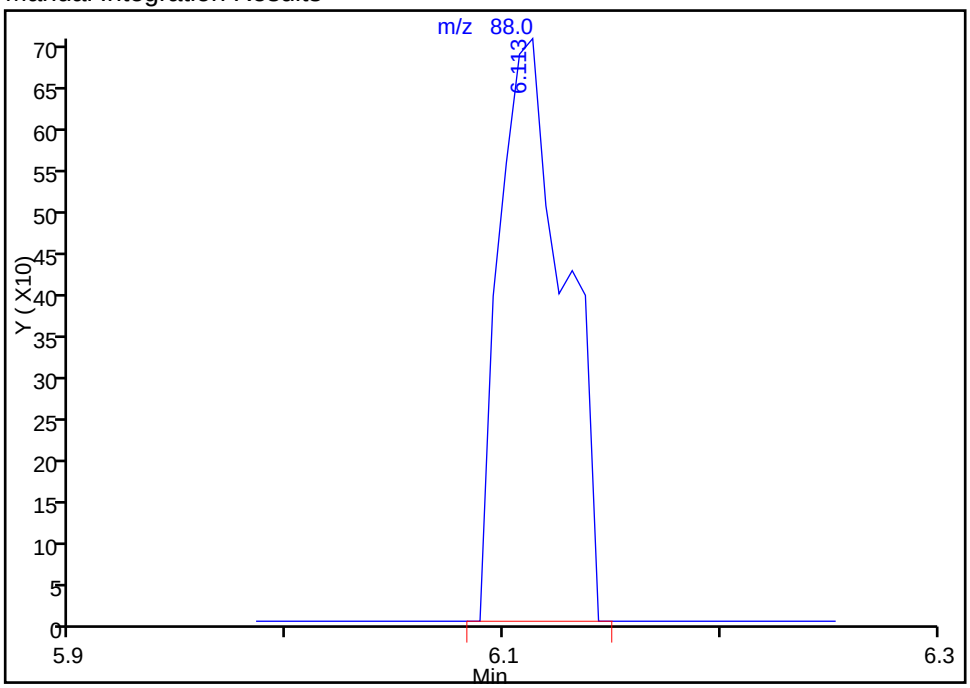
Not Detected
Expected RT: 6.11

Processing Integration Results



Manual Integration Results

RT: 6.11
Response: 1487
Amount: 99.023833



Reviewer: cwiklinc, 23-Jun-2014 21:39:53
Audit Action: Manually Integrated
Audit Reason: Assign Peak

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9382.D
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Jun-2014 01:24:30 ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0033180-007 =480-0033180-007
Operator ID: CDC Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2014 02:42:07 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: cwiklinc Date: 23-Jun-2014 21:40:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.474	-0.006	99	79421	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	82	175301	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	89	182008	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	71	104257	50.0	49.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.225	5.231	-0.006	0	59540	50.0	50.1	
$ 5 Toluene-d8 (Surr)	98	6.849	6.855	-0.006	92	405089	50.0	52.2	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	95	134519	50.0	51.7	
10 Dichlorodifluoromethane	85	1.946	1.946	0.000	74	35095	10.0	10.3	M
12 Chloromethane	50	2.092	2.104	-0.012	77	16278	10.0	10.3	
13 Vinyl chloride	62	2.208	2.220	-0.012	52	11568	10.0	9.42	
151 Butadiene	54	2.214	2.226	-0.012	87	11273	10.0	9.96	
14 Bromomethane	94	2.500	2.506	-0.006	70	8333	10.0	9.78	
15 Chloroethane	64	2.573	2.579	-0.006	41	6239	10.0	9.74	
16 Dichlorofluoromethane	67	2.749	2.749	0.000	44	19036	10.0	9.77	
17 Trichlorofluoromethane	101	2.804	2.804	0.000	54	21486	10.0	9.91	
18 Ethyl ether	59	2.962	2.968	-0.006	79	11522	10.0	10.1	
20 Acrolein	56	3.126	3.132	-0.006	56	9500	50.0	49.0	
21 1,1,2-Trichloro-1,2,2-trif	101	3.163	3.163	0.000	50	17862	10.0	9.90	
22 1,1-Dichloroethene	96	3.199	3.205	-0.006	77	16657	10.0	9.77	
23 Acetone	43	3.242	3.242	0.000	91	30713	50.0	50.8	
25 Iodomethane	142	3.351	3.357	-0.006	92	33701	10.0	9.67	
26 Carbon disulfide	76	3.412	3.406	0.006	95	51029	10.0	9.02	M
27 Methyl acetate	43	3.467	3.467	0.000	96	75935	50.0	49.2	
28 3-Chloro-1-propene	41	3.467	3.467	0.000	36	28694	10.0	9.51	
30 Methylene Chloride	84	3.589	3.583	0.007	81	32024	10.0	11.6	
31 2-Methyl-2-propanol	59	3.637	3.637	0.000	84	27194	100.0	103.5	
32 Methyl tert-butyl ether	73	3.729	3.729	0.001	83	70088	10.0	9.75	
34 trans-1,2-Dichloroethene	96	3.771	3.771	0.000	95	26485	10.0	10.0	
33 Acrylonitrile	53	3.789	3.783	0.006	97	101455	100.0	103.5	
35 Hexane	57	3.905	3.905	0.000	88	57031	10.0	11.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.087	4.087	0.000	95	88349	20.0	19.7	
39 1,1-Dichloroethane	63	4.106	4.106	0.000	65	47126	10.0	10.2	
43 2-Butanone (MEK)	43	4.550	4.550	0.000	97	69572	50.0	52.7	
44 2,2-Dichloropropane	77	4.556	4.550	0.006	50	36630	10.0	9.99	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	63	31574	10.0	10.3	
48 Chlorobromomethane	128	4.769	4.769	0.000	81	15258	10.0	9.94	
49 Tetrahydrofuran	42	4.787	4.787	0.000	72	18512	20.0	21.4	
50 Chloroform	83	4.805	4.805	0.000	75	49458	10.0	10.4	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	80	38344	10.0	9.64	
52 Cyclohexane	56	4.976	4.976	0.000	87	51208	10.0	10.3	
54 1,1-Dichloropropene	75	5.067	5.067	0.000	87	36558	10.0	10.3	
55 Carbon tetrachloride	117	5.079	5.079	0.000	76	35712	10.0	9.82	
53 Isobutyl alcohol	43	5.128	5.128	0.000	81	33610	250.0	242.2	
57 Benzene	78	5.255	5.255	0.000	94	115866	10.0	10.4	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	66	35397	10.0	10.0	
59 n-Heptane	43	5.347	5.347	0.000	89	49099	10.0	10.7	
62 Trichloroethene	95	5.779	5.779	0.000	84	29459	10.0	10.3	
64 Methylcyclohexane	83	5.919	5.913	0.006	83	52473	10.0	10.3	
65 1,2-Dichloropropane	63	5.998	5.998	0.000	89	26571	10.0	10.4	
66 1,4-Dioxane	88	6.107	6.107	0.000	9	4561	200.0	205.8	
67 Dibromomethane	93	6.132	6.132	0.000	77	15162	10.0	9.90	
68 Dichlorobromomethane	83	6.241	6.247	-0.006	86	31315	10.0	9.55	
69 2-Chloroethyl vinyl ether	63	6.454	6.448	0.006	69	15111	10.0	9.54	
72 cis-1,3-Dichloropropene	75	6.624	6.618	0.006	78	37515	10.0	9.55	
73 4-Methyl-2-pentanone (MIBK	43	6.722	6.722	0.000	95	132520	50.0	53.9	
74 Toluene	92	6.916	6.916	0.000	94	73380	10.0	10.7	
75 Ethyl methacrylate	69	7.135	7.135	0.000	78	29090	10.0	9.72	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	84	32211	10.0	10.0	
79 1,1,2-Trichloroethane	83	7.336	7.336	0.000	73	19010	10.0	10.5	
81 Tetrachloroethene	166	7.439	7.439	0.000	90	34393	10.0	10.8	
82 1,3-Dichloropropane	76	7.500	7.500	0.000	87	39151	10.0	10.5	
80 2-Hexanone	43	7.513	7.513	0.000	94	91779	50.0	52.5	
83 Chlorodibromomethane	129	7.750	7.750	0.000	70	22876	10.0	9.62	
84 Ethylene Dibromide	107	7.878	7.878	0.000	80	23829	10.0	10.3	
87 Chlorobenzene	112	8.328	8.328	0.000	85	81283	10.0	10.8	
88 Ethylbenzene	91	8.389	8.389	0.000	96	134358	10.0	10.8	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	78	24723	10.0	9.95	
90 m-Xylene & p-Xylene	106	8.504	8.510	-0.006	0	53087	10.0	10.6	
91 o-Xylene	106	8.942	8.936	0.006	91	51445	10.0	10.9	
92 Styrene	104	8.960	8.960	0.000	94	82727	10.0	10.4	
95 Bromoform	173	9.234	9.234	0.000	81	13782	10.0	8.79	
94 Isopropylbenzene	105	9.307	9.307	0.000	90	127775	10.0	10.7	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	77	27614	10.0	10.3	
101 Bromobenzene	156	9.684	9.690	-0.006	86	32588	10.0	10.2	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	34	8108	10.0	9.77	
99 N-Propylbenzene	91	9.721	9.721	0.000	97	139453	10.0	10.3	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	32	9328	10.0	10.4	
103 2-Chlorotoluene	126	9.849	9.855	-0.006	93	31753	10.0	10.9	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	73	107843	10.0	10.8	
105 4-Chlorotoluene	126	9.958	9.958	0.000	94	32983	10.0	10.8	
106 tert-Butylbenzene	134	10.201	10.208	-0.007	83	24010	10.0	10.7	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	90	103828	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	85	139986	10.0	10.7	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	93	120094	10.0	10.5	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	86	65843	10.0	10.7	
113 1,4-Dichlorobenzene	146	10.646	10.652	-0.006	88	65611	10.0	10.7	
115 n-Butylbenzene	91	10.901	10.901	0.000	92	104163	10.0	10.6	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	92	57738	10.0	10.2	
117 1,2-Dibromo-3-Chloropropan	75	11.674	11.668	0.006	37	4585	10.0	9.54	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	85	38943	10.0	9.77	
120 Hexachlorobutadiene	225	12.404	12.404	0.000	85	24368	10.0	9.94	
121 Naphthalene	128	12.544	12.544	0.000	89	87304	10.0	9.39	
122 1,2,3-Trichlorobenzene	180	12.757	12.757	0.000	84	36430	10.0	9.81	
S 123 Total BTEX	1				0			53.4	
S 124 Xylenes, Total	1				0			21.5	
S 125 1,2-Dichloroethene, Total	1				0			20.4	
S 126 1,3-Dichloropropene, Total	1				0			19.6	

QC Flag Legend

Review Flags
M - Manually Integrated

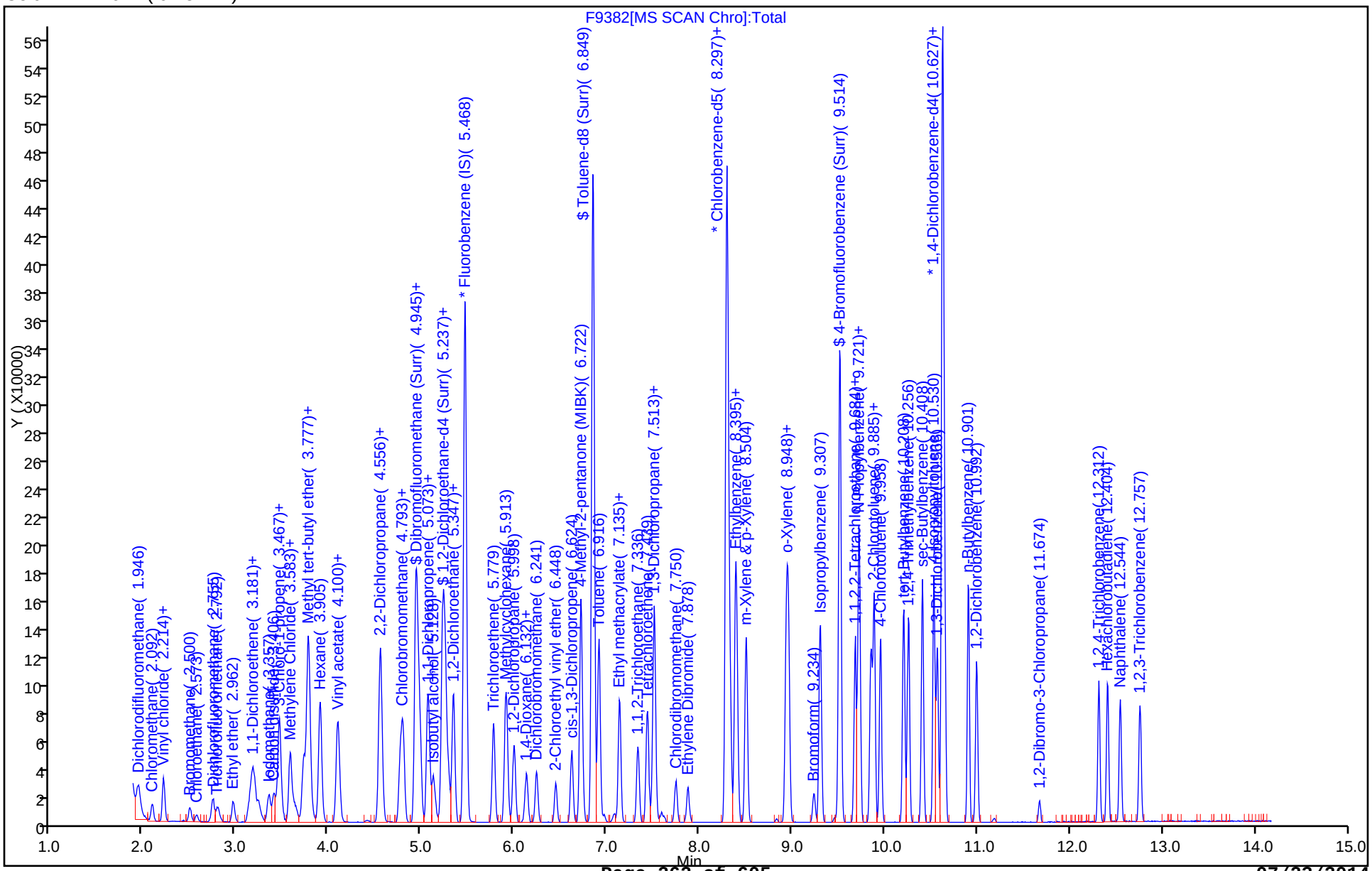
Report Date: 24-Jun-2014 02:42:08 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9382.D

Injection Date:	23-Jun-2014 01:24:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	IC 3			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

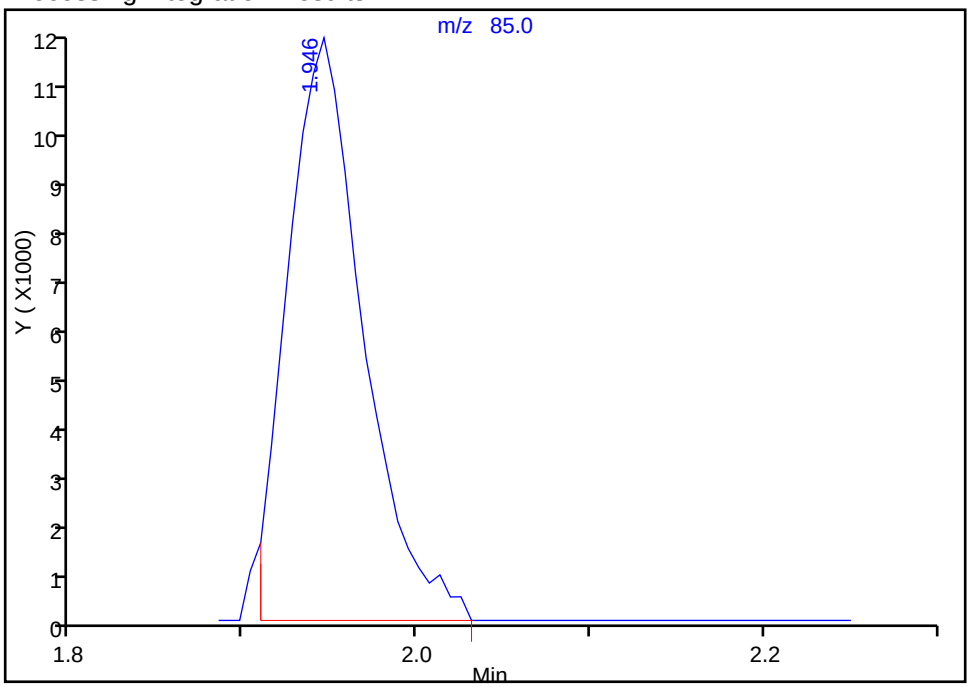
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9382.D
Injection Date: 23-Jun-2014 01:24:30 Instrument ID: HP5973F
Lims ID: IC 3
Client ID:
Operator ID: CDC ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

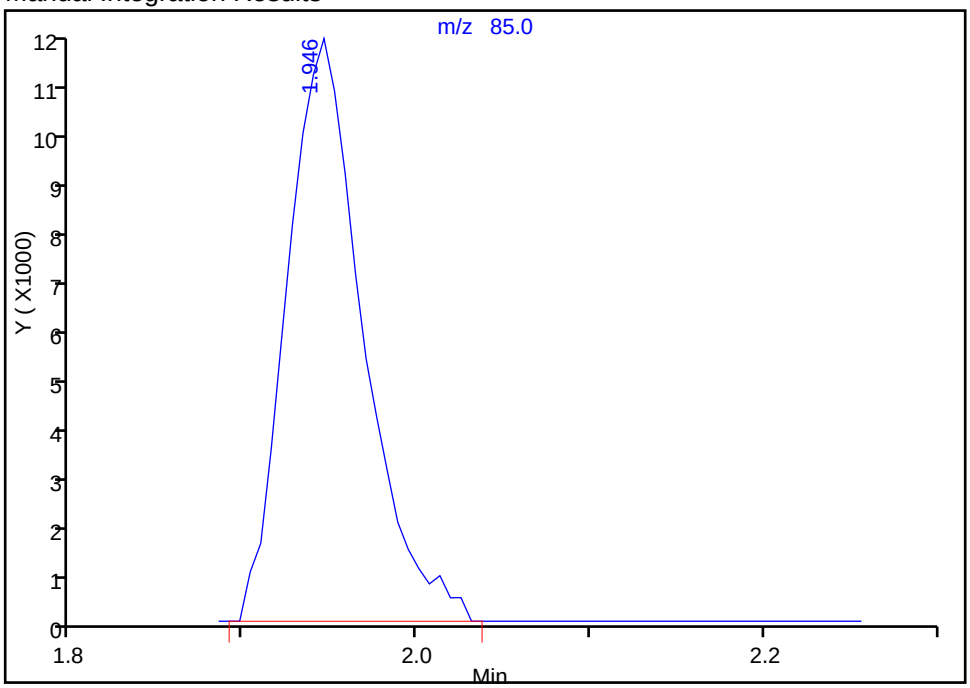
Processing Integration Results

RT: 1.95
Response: 34741
Amount: 10.173886



Manual Integration Results

RT: 1.95
Response: 35095
Amount: 10.259827



Reviewer: cwiklinc, 24-Jun-2014 02:42:07
Audit Action: Manually Integrated
Audit Reason: Cut Peak

Manual Integration/User Assign Peak Report

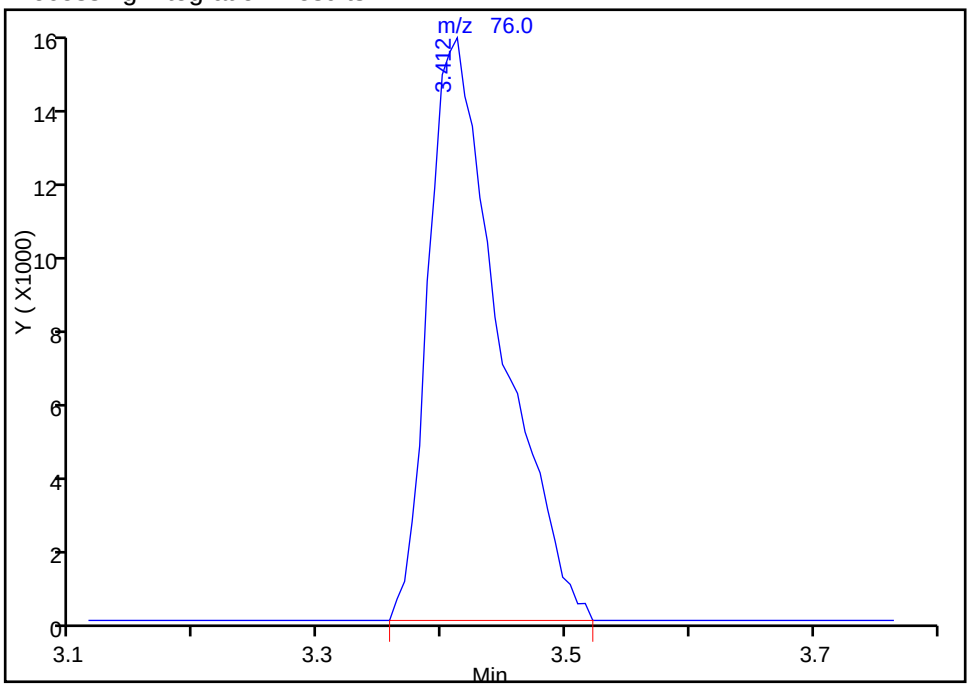
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9382.D
Injection Date: 23-Jun-2014 01:24:30 Instrument ID: HP5973F
Lims ID: IC 3
Client ID:
Operator ID: CDC ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

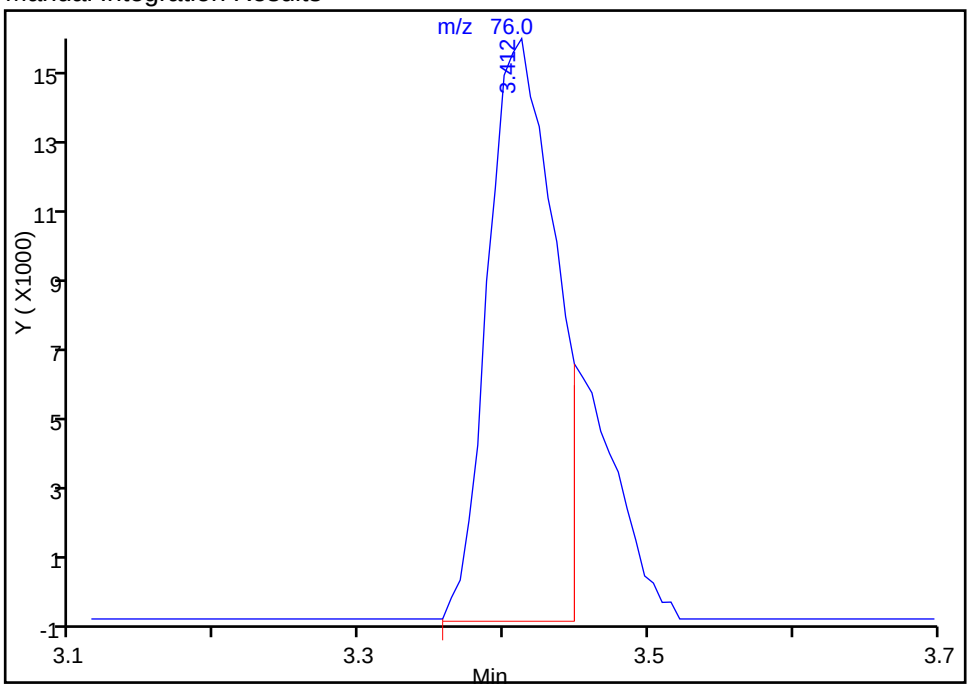
Processing Integration Results

RT: 3.41
Response: 63130
Amount: 9.692508



Manual Integration Results

RT: 3.41
Response: 51029
Amount: 9.022738



Reviewer: cwiklinc, 23-Jun-2014 21:40:37
Audit Action: Manually Integrated
Audit Reason: Coelution

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9383.D
Lims ID: IC 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Jun-2014 01:50:30 ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 4
Misc. Info.: 480-0033180-008 =480-0033180-008
Operator ID: CDC Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2014 02:42:19 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: cwiklinc Date: 23-Jun-2014 21:41:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	99	77891	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	82	175817	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	88	191744	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	81	98944	50.0	48.1	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	56272	50.0	48.3	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	91	381288	50.0	49.0	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	93	128343	50.0	49.1	
10 Dichlorodifluoromethane	85	1.952	1.946	0.006	82	72257	20.0	21.3	M
12 Chloromethane	50	2.104	2.104	0.000	82	29491	20.0	18.9	
13 Vinyl chloride	62	2.220	2.220	0.000	79	24194	20.0	20.1	
151 Butadiene	54	2.232	2.226	0.006	94	22453	20.0	20.2	
14 Bromomethane	94	2.512	2.506	0.006	79	17422	20.0	20.8	
15 Chloroethane	64	2.578	2.579	-0.001	59	12513	20.0	19.9	
16 Dichlorofluoromethane	67	2.755	2.749	0.006	73	39869	20.0	20.9	
17 Trichlorofluoromethane	101	2.816	2.804	0.012	68	43266	20.0	20.3	
18 Ethyl ether	59	2.974	2.968	0.006	80	22028	20.0	19.7	
20 Acrolein	56	3.138	3.132	0.006	75	18952	100.0	99.7	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.163	0.006	76	35209	20.0	19.9	
22 1,1-Dichloroethene	96	3.199	3.205	-0.006	84	32844	20.0	19.6	
23 Acetone	43	3.248	3.242	0.006	94	59033	100.0	99.6	
25 Iodomethane	142	3.357	3.357	0.000	97	65121	20.0	19.0	
26 Carbon disulfide	76	3.412	3.406	0.006	97	105250	20.0	19.0	
27 Methyl acetate	43	3.467	3.467	0.000	97	138336	100.0	91.5	
28 3-Chloro-1-propene	41	3.473	3.467	0.006	81	54552	20.0	18.4	
30 Methylene Chloride	84	3.588	3.583	0.006	84	44419	20.0	16.3	
31 2-Methyl-2-propanol	59	3.631	3.637	-0.006	94	43402	200.0	168.5	
32 Methyl tert-butyl ether	73	3.734	3.729	0.006	85	128144	20.0	18.2	
34 trans-1,2-Dichloroethene	96	3.777	3.771	0.006	94	48740	20.0	18.8	
33 Acrylonitrile	53	3.789	3.783	0.006	98	176176	200.0	183.3	
35 Hexane	57	3.911	3.905	0.006	90	92001	20.0	18.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.093	4.087	0.006	96	174203	40.0	39.6	
39 1,1-Dichloroethane	63	4.112	4.106	0.006	81	90451	20.0	19.9	
43 2-Butanone (MEK)	43	4.556	4.550	0.006	99	128391	100.0	99.1	
44 2,2-Dichloropropane	77	4.562	4.550	0.012	58	73317	20.0	20.4	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	67	60614	20.0	20.3	
48 Chlorobromomethane	128	4.775	4.769	0.006	82	29998	20.0	19.9	
49 Tetrahydrofuran	42	4.793	4.787	0.006	83	32784	40.0	38.7	
50 Chloroform	83	4.805	4.805	0.000	80	92637	20.0	19.9	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	88	78108	20.0	20.0	
52 Cyclohexane	56	4.982	4.976	0.006	88	97741	20.0	20.1	
54 1,1-Dichloropropene	75	5.073	5.067	0.006	92	70316	20.0	20.1	
55 Carbon tetrachloride	117	5.085	5.079	0.006	78	69677	20.0	19.5	
53 Isobutyl alcohol	43	5.134	5.128	0.006	88	65669	500.0	482.5	
57 Benzene	78	5.261	5.255	0.006	95	220369	20.0	20.2	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	71	69699	20.0	20.1	
59 n-Heptane	43	5.347	5.347	0.000	90	92204	20.0	20.4	
62 Trichloroethene	95	5.778	5.779	-0.001	88	55452	20.0	19.7	
64 Methylcyclohexane	83	5.918	5.913	0.005	87	100325	20.0	20.1	
65 1,2-Dichloropropane	63	6.004	5.998	0.006	92	48780	20.0	19.5	
66 1,4-Dioxane	88	6.107	6.107	0.000	45	10161	400.0	400.0	M
67 Dibromomethane	93	6.137	6.132	0.005	81	30320	20.0	20.2	
68 Dichlorobromomethane	83	6.247	6.247	0.000	88	62842	20.0	19.5	
69 2-Chloroethyl vinyl ether	63	6.448	6.448	0.000	78	29565	20.0	19.0	
72 cis-1,3-Dichloropropene	75	6.624	6.618	0.006	82	75756	20.0	19.7	
73 4-Methyl-2-pentanone (MIBK	43	6.721	6.722	-0.001	95	252422	100.0	102.4	
74 Toluene	92	6.916	6.916	0.000	97	139222	20.0	20.2	
75 Ethyl methacrylate	69	7.141	7.135	0.006	83	58863	20.0	19.6	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	91	64052	20.0	19.9	
79 1,1,2-Trichloroethane	83	7.336	7.336	0.000	82	37018	20.0	20.3	
81 Tetrachloroethene	166	7.439	7.439	0.000	90	66037	20.0	20.6	
82 1,3-Dichloropropane	76	7.506	7.500	0.006	94	74462	20.0	20.0	
80 2-Hexanone	43	7.512	7.513	0.000	95	177921	100.0	101.4	
83 Chlorodibromomethane	129	7.750	7.750	0.000	81	47416	20.0	19.9	
84 Ethylene Dibromide	107	7.877	7.878	-0.001	90	46240	20.0	19.9	
87 Chlorobenzene	112	8.327	8.328	-0.001	88	150103	20.0	19.9	
88 Ethylbenzene	91	8.394	8.389	0.005	97	250717	20.0	20.2	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	84	50666	20.0	20.3	
90 m-Xylene & p-Xylene	106	8.504	8.510	-0.006	0	103204	20.0	20.5	
91 o-Xylene	106	8.936	8.936	0.000	94	95571	20.0	20.2	
92 Styrene	104	8.960	8.960	0.000	95	161194	20.0	20.2	
95 Bromoform	173	9.234	9.234	0.000	90	30352	20.0	19.3	
94 Isopropylbenzene	105	9.307	9.307	0.000	93	260334	20.0	20.6	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	87	55825	20.0	19.8	
101 Bromobenzene	156	9.690	9.690	0.000	86	67157	20.0	20.0	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	29	17573	20.0	20.1	
99 N-Propylbenzene	91	9.721	9.721	0.000	93	293953	20.0	20.5	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	37	19209	20.0	20.3	
103 2-Chlorotoluene	126	9.854	9.855	-0.001	96	61129	20.0	20.0	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	74	215512	20.0	20.5	
105 4-Chlorotoluene	126	9.958	9.958	0.000	96	64528	20.0	20.0	
106 tert-Butylbenzene	134	10.207	10.208	-0.001	83	48010	20.0	20.2	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	95	221311	20.0	20.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	91	285507	20.0	20.7	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	94	247278	20.0	20.5	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	95	131191	20.0	20.3	
113 1,4-Dichlorobenzene	146	10.651	10.652	-0.001	94	129593	20.0	20.0	
115 n-Butylbenzene	91	10.901	10.901	0.000	93	205564	20.0	19.9	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	121814	20.0	20.4	
117 1,2-Dibromo-3-Chloropropan	75	11.673	11.668	0.005	59	9730	20.0	19.2	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	90	82317	20.0	19.6	
120 Hexachlorobutadiene	225	12.410	12.404	0.006	90	51146	20.0	19.8	
121 Naphthalene	128	12.543	12.544	-0.001	95	191495	20.0	19.6	
122 1,2,3-Trichlorobenzene	180	12.756	12.757	-0.001	93	76947	20.0	19.7	
S 123 Total BTEX	1				0			101.3	
S 124 Xylenes, Total	1				0			40.6	
S 125 1,2-Dichloroethene, Total	1				0			39.1	
S 126 1,3-Dichloropropene, Total	1				0			39.6	

QC Flag Legend

Review Flags
M - Manually Integrated

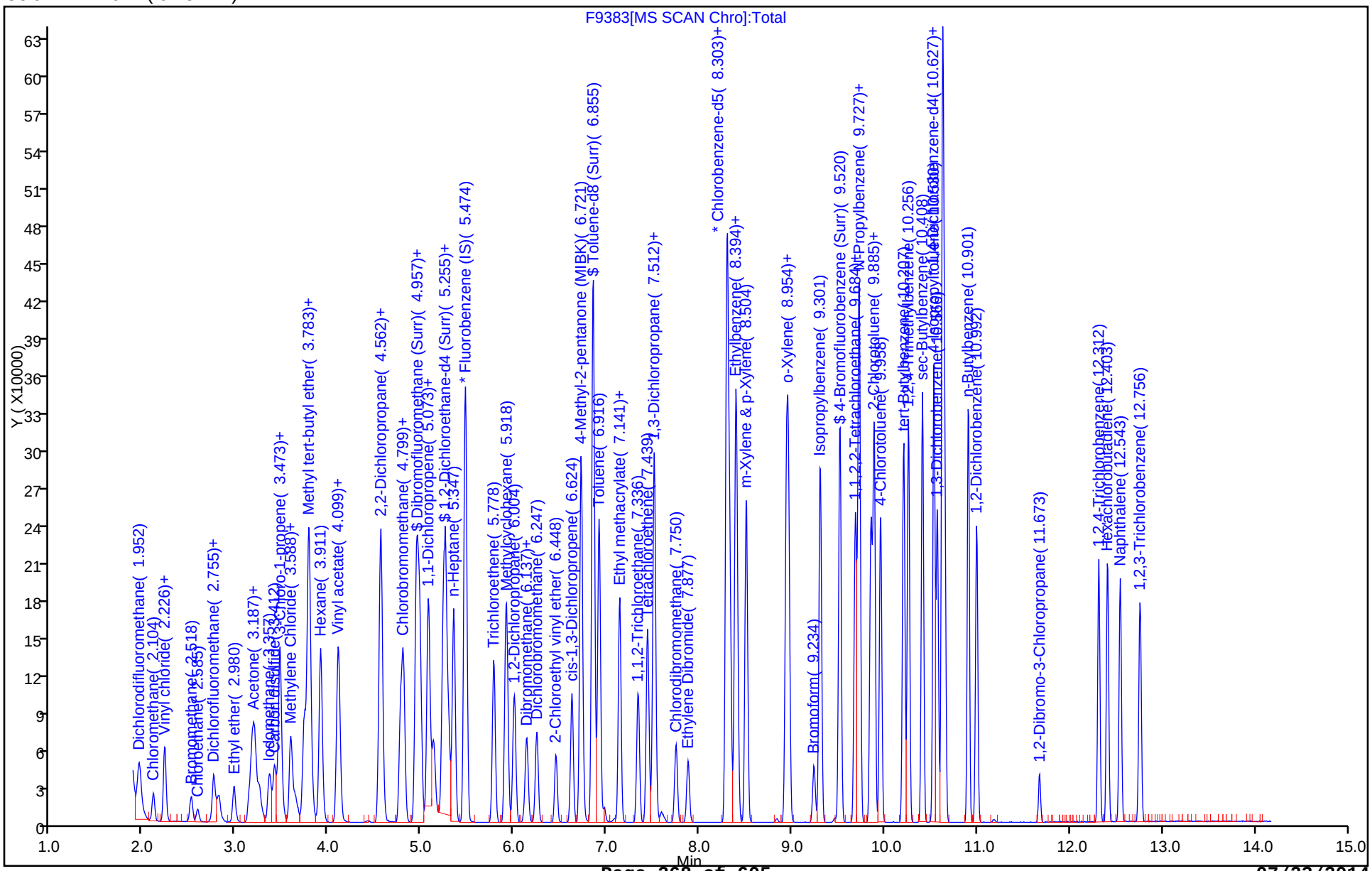
Report Date: 24-Jun-2014 02:42:21 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9383.D

Injection Date:	23-Jun-2014 01:50:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	IC 4			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

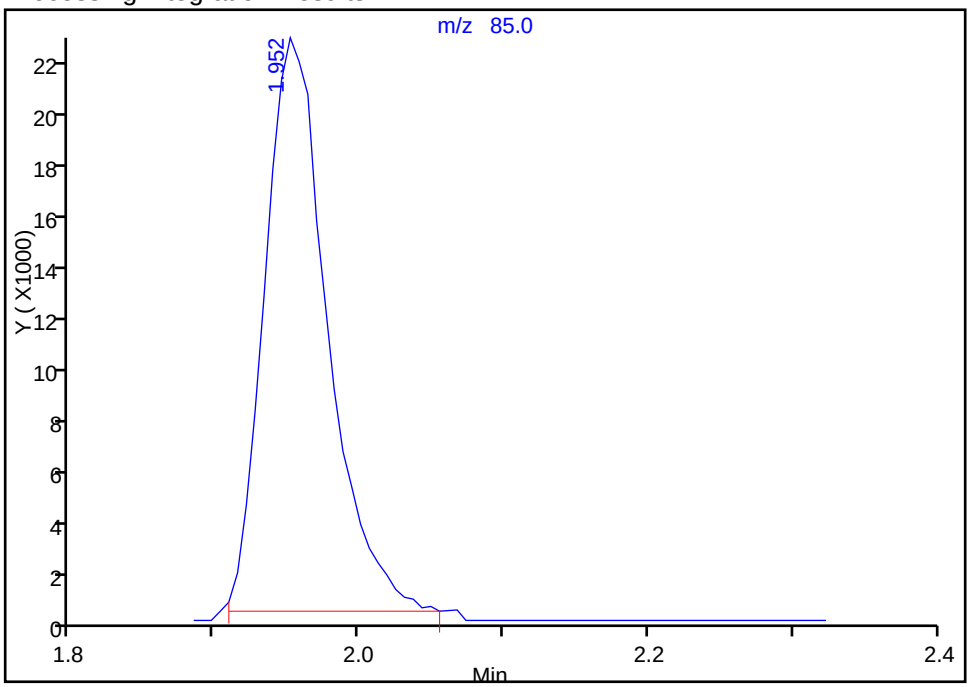
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9383.D
Injection Date: 23-Jun-2014 01:50:30 Instrument ID: HP5973F
Lims ID: IC 4
Client ID:
Operator ID: CDC ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

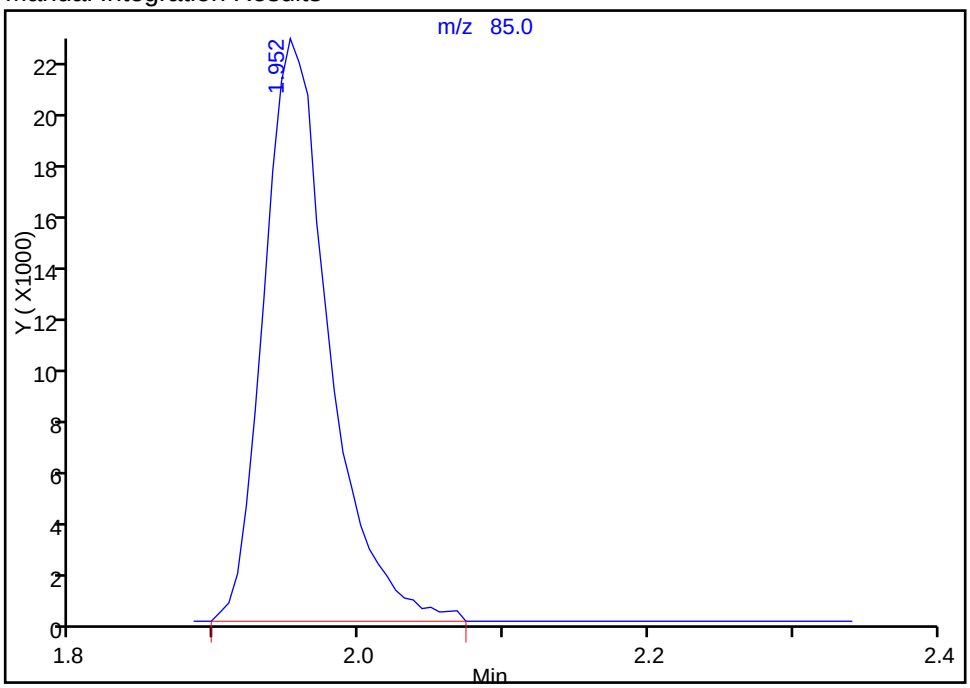
Processing Integration Results

RT: 1.95
Response: 68526
Amount: 20.426702



Manual Integration Results

RT: 1.95
Response: 72257
Amount: 21.341075



Reviewer: cwiklinc, 24-Jun-2014 02:42:19
Audit Action: Manually Integrated
Audit Reason: Cut Peak

Manual Integration/User Assign Peak Report

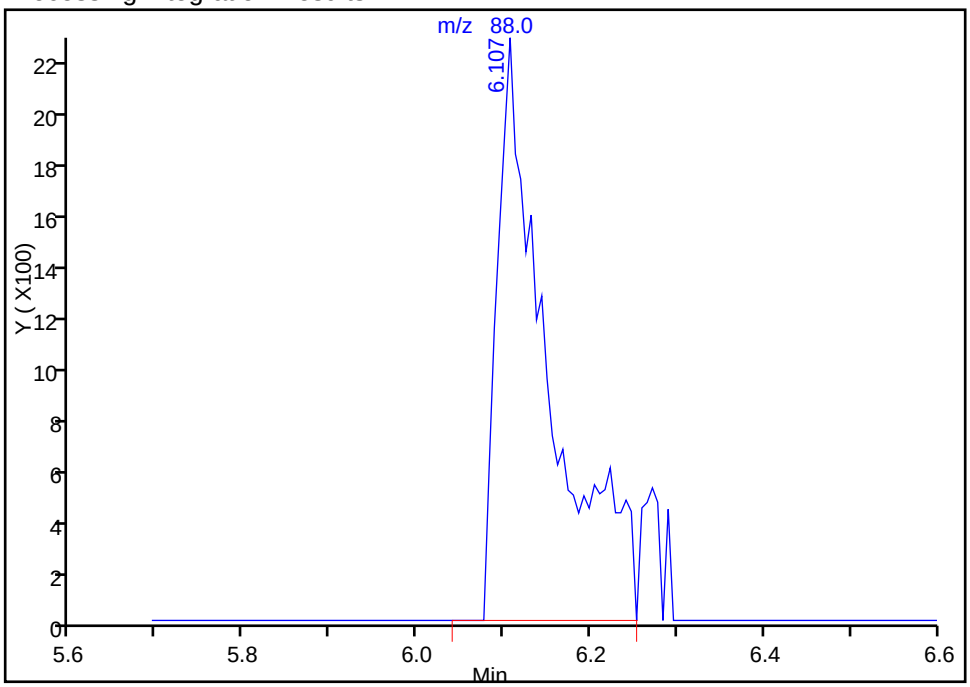
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9383.D
Injection Date: 23-Jun-2014 01:50:30 Instrument ID: HP5973F
Lims ID: IC 4
Client ID:
Operator ID: CDC ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

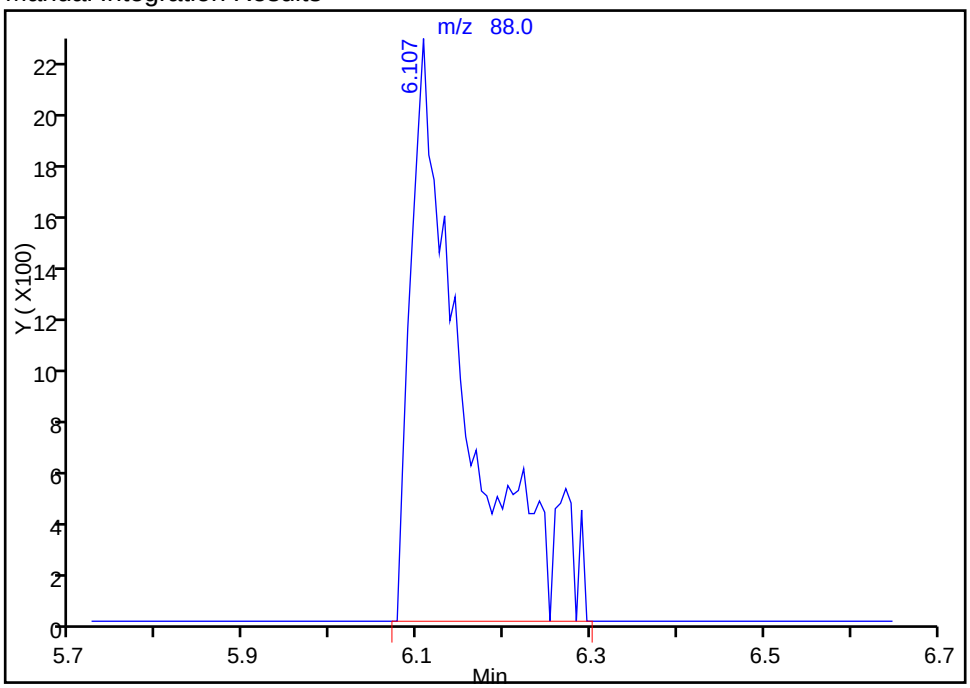
Processing Integration Results

RT: 6.11
Response: 9320
Amount: 386.5498



Manual Integration Results

RT: 6.11
Response: 10161
Amount: 399.9939



Reviewer: cwiklinc, 23-Jun-2014 21:41:30
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9384.D
Lims ID: ICIS 5
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 23-Jun-2014 02:16:30 ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 5
Misc. Info.: 480-0033180-009 =480-0033180-009
Operator ID: CDC Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2014 02:42:35 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: cwiklinc Date: 23-Jun-2014 21:44:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.468	0.000	99	77476	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	82	179768	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	74	195627	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	57	104440	50.0	51.1	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	58964	50.0	50.8	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	92	398553	50.0	50.1	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	92	126848	50.0	47.5	
10 Dichlorodifluoromethane	85	1.946	1.946	0.000	87	179391	50.0	53.3	M
12 Chloromethane	50	2.104	2.104	0.000	88	78078	50.0	50.4	
13 Vinyl chloride	62	2.220	2.220	0.000	82	62821	50.0	52.5	
151 Butadiene	54	2.226	2.226	0.000	94	58410	50.0	52.9	
14 Bromomethane	94	2.506	2.506	0.000	88	44731	50.0	53.8	
15 Chloroethane	64	2.579	2.579	0.000	94	33515	50.0	53.6	
16 Dichlorofluoromethane	67	2.749	2.749	0.000	81	102059	50.0	53.7	
17 Trichlorofluoromethane	101	2.804	2.804	0.000	82	114098	50.0	53.9	
18 Ethyl ether	59	2.968	2.968	0.000	88	59172	50.0	53.1	
20 Acrolein	56	3.132	3.132	0.000	88	49199	250.0	260.3	
21 1,1,2-Trichloro-1,2,2-trif	101	3.163	3.163	0.000	81	91192	50.0	51.8	
22 1,1-Dichloroethene	96	3.205	3.205	0.000	84	85814	50.0	51.6	
23 Acetone	43	3.242	3.242	0.000	95	146350	250.0	248.2	
25 Iodomethane	142	3.357	3.357	0.000	100	166525	50.0	49.0	
26 Carbon disulfide	76	3.406	3.406	0.000	98	277335	50.0	50.3	M
27 Methyl acetate	43	3.467	3.467	0.000	95	343588	250.0	228.4	
28 3-Chloro-1-propene	41	3.467	3.467	0.000	82	140068	50.0	47.6	
30 Methylene Chloride	84	3.583	3.583	0.000	82	119555	50.0	45.5	
31 2-Methyl-2-propanol	59	3.637	3.637	0.000	97	134017	500.0	523.0	
32 Methyl tert-butyl ether	73	3.729	3.729	0.000	87	370616	50.0	52.8	
34 trans-1,2-Dichloroethene	96	3.771	3.771	0.000	95	134815	50.0	52.3	
33 Acrylonitrile	53	3.783	3.783	0.000	99	489595	500.0	512.2	
35 Hexane	57	3.905	3.905	0.000	90	234731	50.0	48.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.087	4.087	0.000	97	467993	100.0	107.1	
39 1,1-Dichloroethane	63	4.106	4.106	0.000	85	233264	50.0	51.7	
43 2-Butanone (MEK)	43	4.550	4.550	0.000	99	323372	250.0	251.0	
44 2,2-Dichloropropane	77	4.550	4.550	0.000	61	187951	50.0	52.5	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	68	151781	50.0	51.0	
48 Chlorobromomethane	128	4.769	4.769	0.000	90	74982	50.0	50.1	
49 Tetrahydrofuran	42	4.787	4.787	0.000	88	84453	100.0	100.1	
50 Chloroform	83	4.805	4.805	0.000	80	233830	50.0	50.4	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	91	206509	50.0	53.2	
52 Cyclohexane	56	4.976	4.976	0.000	88	251612	50.0	51.9	
54 1,1-Dichloropropene	75	5.067	5.067	0.000	93	177826	50.0	51.1	
55 Carbon tetrachloride	117	5.079	5.079	0.000	79	186939	50.0	52.7	
53 Isobutyl alcohol	43	5.128	5.128	0.000	92	175672	1250.0	1297.7	
57 Benzene	78	5.255	5.255	0.000	96	552557	50.0	50.9	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	76	179693	50.0	52.2	
59 n-Heptane	43	5.347	5.347	0.000	90	231240	50.0	51.5	
62 Trichloroethene	95	5.779	5.779	0.000	92	142903	50.0	51.0	
64 Methylcyclohexane	83	5.913	5.913	0.000	87	259838	50.0	52.3	
65 1,2-Dichloropropane	63	5.998	5.998	0.000	92	127780	50.0	51.4	
66 1,4-Dioxane	88	6.107	6.107	0.000	72	26995	1000.0	964.5	M
67 Dibromomethane	93	6.132	6.132	0.000	86	74628	50.0	50.0	
68 Dichlorobromomethane	83	6.247	6.247	0.000	92	168117	50.0	52.5	
69 2-Chloroethyl vinyl ether	63	6.448	6.448	0.000	91	82762	50.0	53.5	
72 cis-1,3-Dichloropropene	75	6.618	6.618	0.000	89	204056	50.0	53.3	
73 4-Methyl-2-pentanone (MIBK	43	6.722	6.722	0.000	95	658385	250.0	261.2	
74 Toluene	92	6.916	6.916	0.000	98	348849	50.0	49.6	
75 Ethyl methacrylate	69	7.135	7.135	0.000	88	166266	50.0	54.2	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	92	175704	50.0	53.4	
79 1,1,2-Trichloroethane	83	7.336	7.336	0.000	84	94056	50.0	50.5	
81 Tetrachloroethene	166	7.439	7.439	0.000	92	164807	50.0	50.4	
82 1,3-Dichloropropane	76	7.500	7.500	0.000	94	192523	50.0	50.5	
80 2-Hexanone	43	7.513	7.513	0.000	95	467404	250.0	260.7	
83 Chlorodibromomethane	129	7.750	7.750	0.000	87	134714	50.0	55.3	
84 Ethylene Dibromide	107	7.878	7.878	0.000	97	120809	50.0	50.8	
87 Chlorobenzene	112	8.328	8.328	0.000	93	379436	50.0	49.1	
88 Ethylbenzene	91	8.389	8.389	0.000	98	646814	50.0	50.9	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	87	133745	50.0	52.5	
90 m-Xylene & p-Xylene	106	8.510	8.510	0.000	0	259411	50.0	50.3	
91 o-Xylene	106	8.936	8.936	0.000	95	250985	50.0	51.8	
92 Styrene	104	8.960	8.960	0.000	94	421417	50.0	51.8	
95 Bromoform	173	9.234	9.234	0.000	98	86896	50.0	54.0	
94 Isopropylbenzene	105	9.307	9.307	0.000	95	651455	50.0	50.5	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	87	139199	50.0	48.5	
101 Bromobenzene	156	9.690	9.690	0.000	88	168701	50.0	49.2	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	32	46479	50.0	52.1	
99 N-Propylbenzene	91	9.721	9.721	0.000	97	731865	50.0	50.1	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	75	47512	50.0	49.2	
103 2-Chlorotoluene	126	9.855	9.855	0.000	95	159010	50.0	50.9	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	81	548216	50.0	51.0	
105 4-Chlorotoluene	126	9.958	9.958	0.000	97	161865	50.0	49.2	
106 tert-Butylbenzene	134	10.208	10.208	0.000	86	124465	50.0	51.4	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	556084	50.0	50.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	94	703902	50.0	50.1	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	96	623668	50.0	50.7	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	97	326244	50.0	49.5	
113 1,4-Dichlorobenzene	146	10.652	10.652	0.000	96	328550	50.0	49.8	
115 n-Butylbenzene	91	10.901	10.901	0.000	94	541554	50.0	51.5	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	98	312612	50.0	51.4	
117 1,2-Dibromo-3-Chloropropan	75	11.668	11.668	0.000	78	27689	50.0	53.6	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	93	226022	50.0	52.8	
120 Hexachlorobutadiene	225	12.404	12.404	0.000	93	137467	50.0	52.1	
121 Naphthalene	128	12.544	12.544	0.000	96	545336	50.0	54.6	
122 1,2,3-Trichlorobenzene	180	12.757	12.757	0.000	95	215326	50.0	53.9	
S 123 Total BTEX	1				0			253.6	
S 124 Xylenes, Total	1				0			102.1	
S 125 1,2-Dichloroethene, Total	1				0			103.3	
S 126 1,3-Dichloropropene, Total	1				0			106.7	

QC Flag Legend

Review Flags
M - Manually Integrated

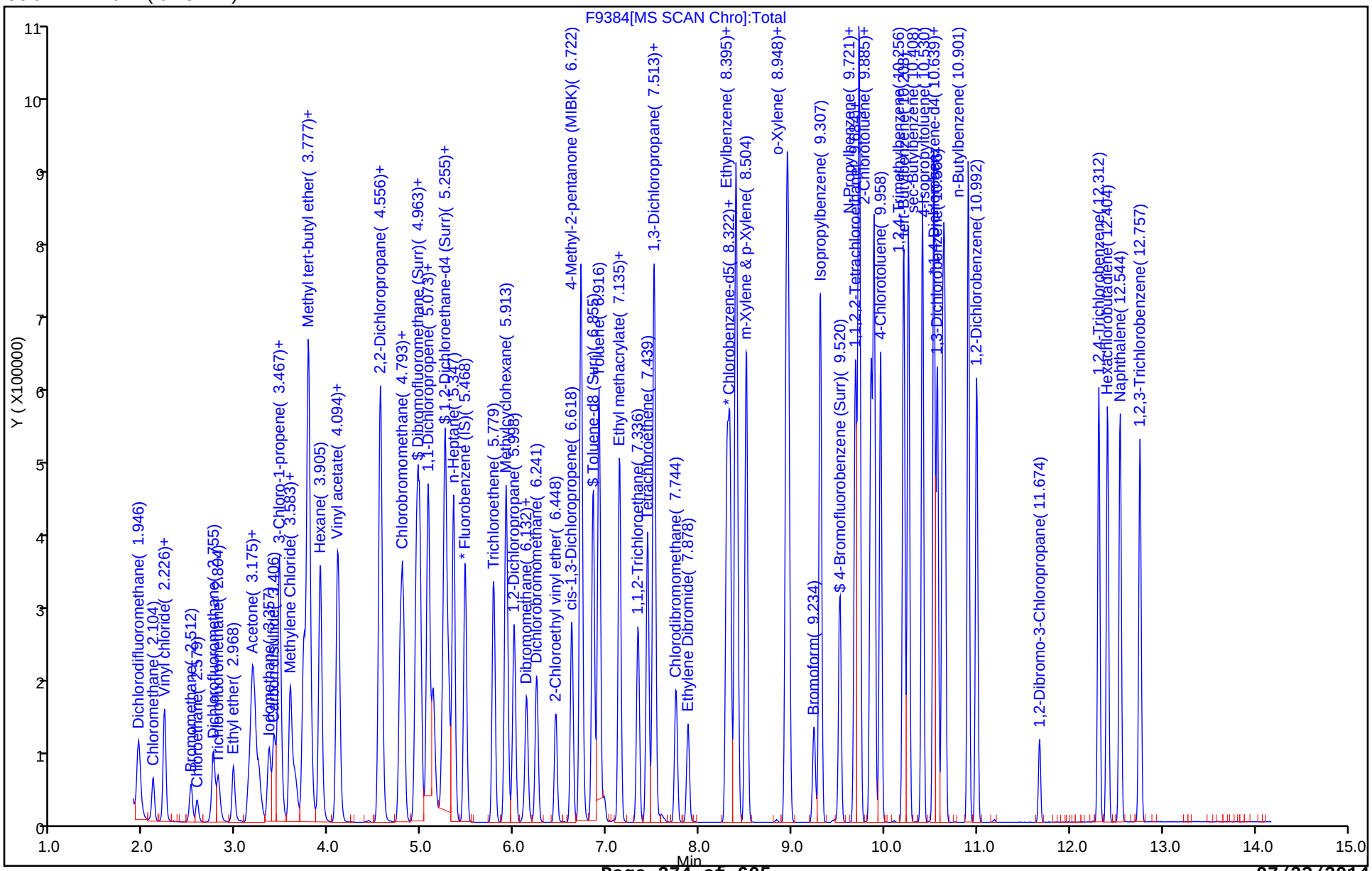
Report Date: 24-Jun-2014 02:42:36 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9384.D

Injection Date:	23-Jun-2014 02:16:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	ICIS 5			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

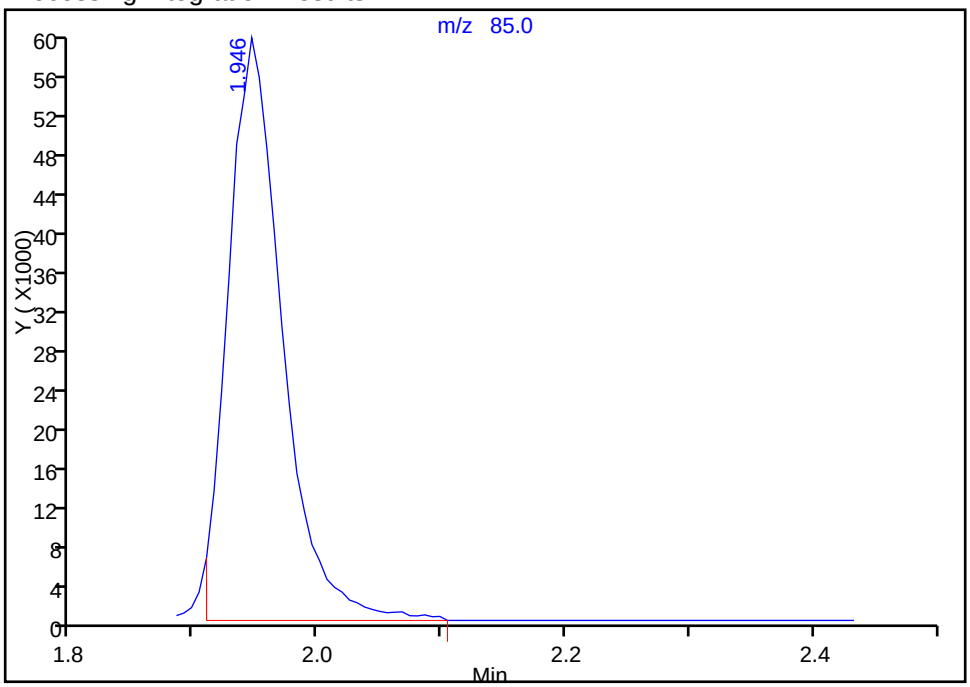
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9384.D
Injection Date: 23-Jun-2014 02:16:30 Instrument ID: HP5973F
Lims ID: ICIS 5
Client ID:
Operator ID: CDC ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

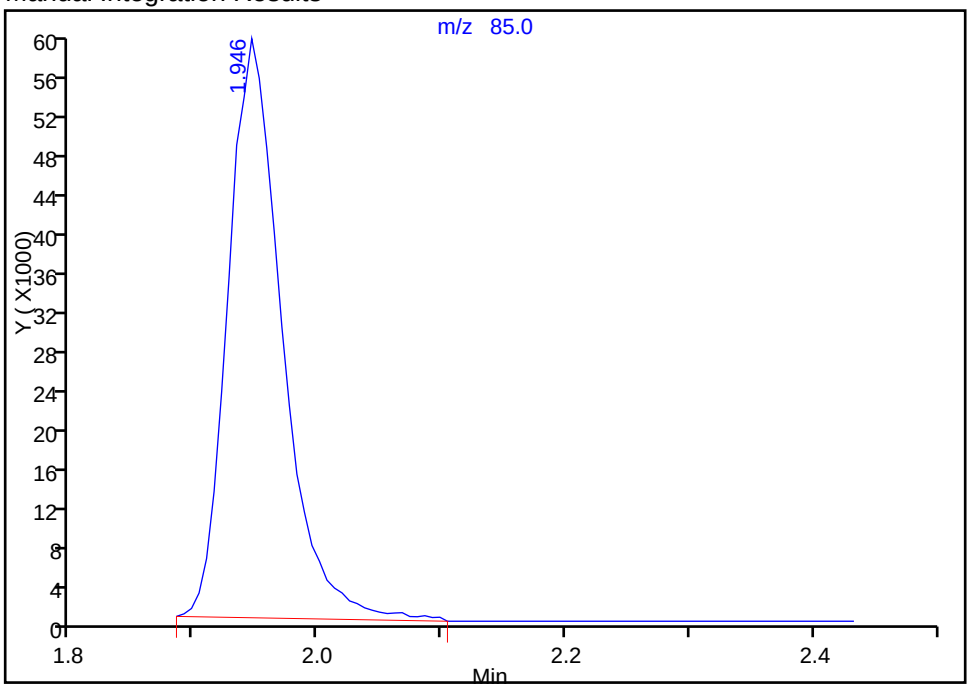
Processing Integration Results

RT: 1.95
Response: 180732
Amount: 53.665046



Manual Integration Results

RT: 1.95
Response: 179391
Amount: 53.337655



Reviewer: cwiklinc, 24-Jun-2014 02:42:35
Audit Action: Manually Integrated
Audit Reason: Cut Peak

Manual Integration/User Assign Peak Report

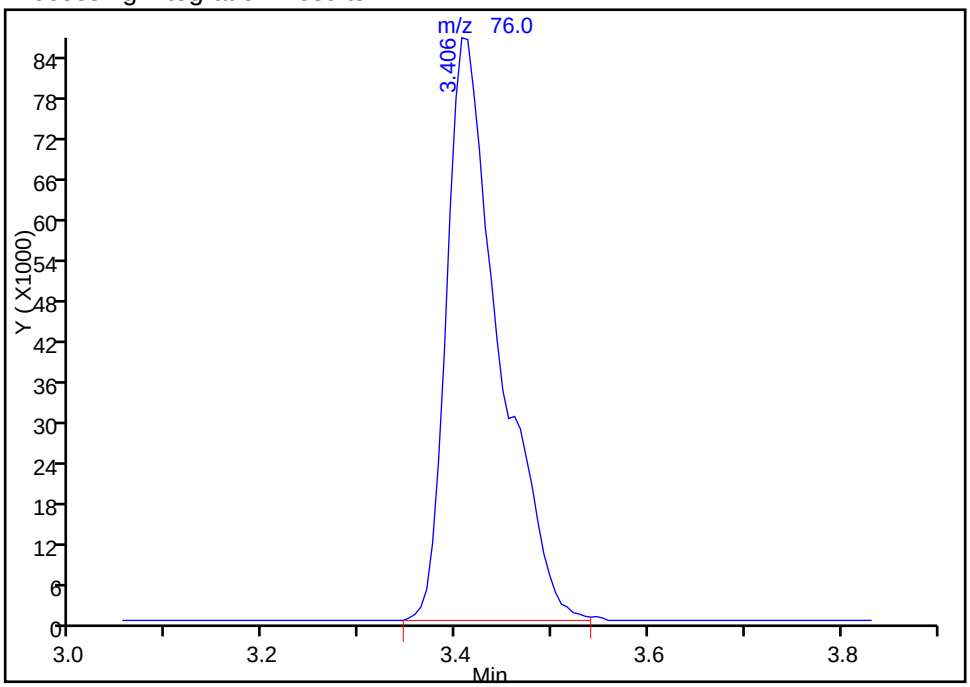
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9384.D
Injection Date: 23-Jun-2014 02:16:30 Instrument ID: HP5973F
Lims ID: ICIS 5
Client ID:
Operator ID: CDC ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

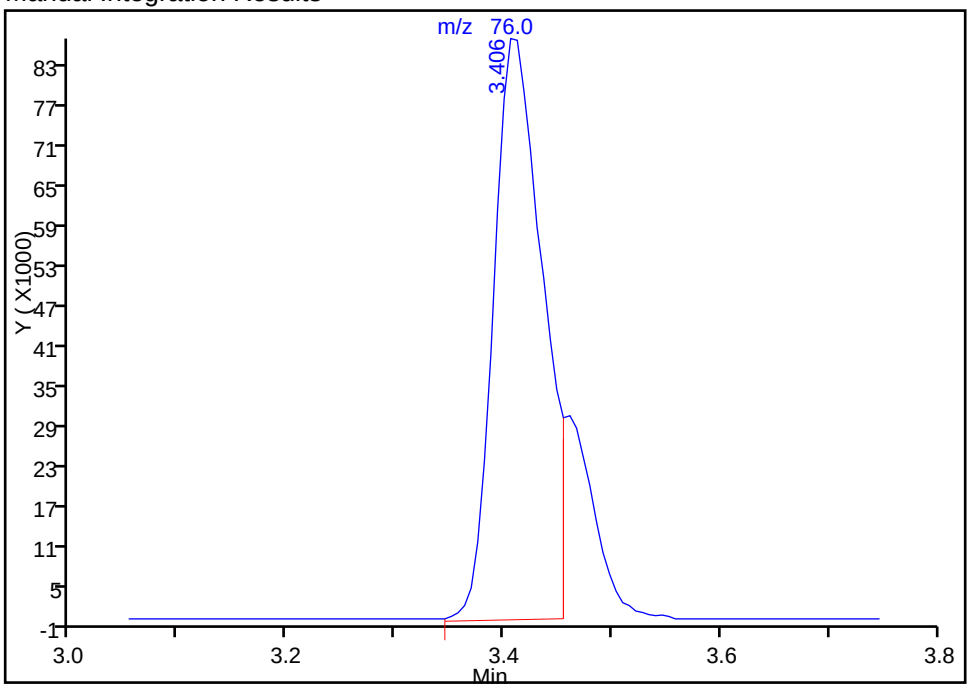
Processing Integration Results

RT: 3.41
Response: 329410
Amount: 53.501485



Manual Integration Results

RT: 3.41
Response: 277335
Amount: 50.268292



Reviewer: cwiklinc, 23-Jun-2014 21:44:14
Audit Action: Manually Integrated
Audit Reason: Coelution

Manual Integration/User Assign Peak Report

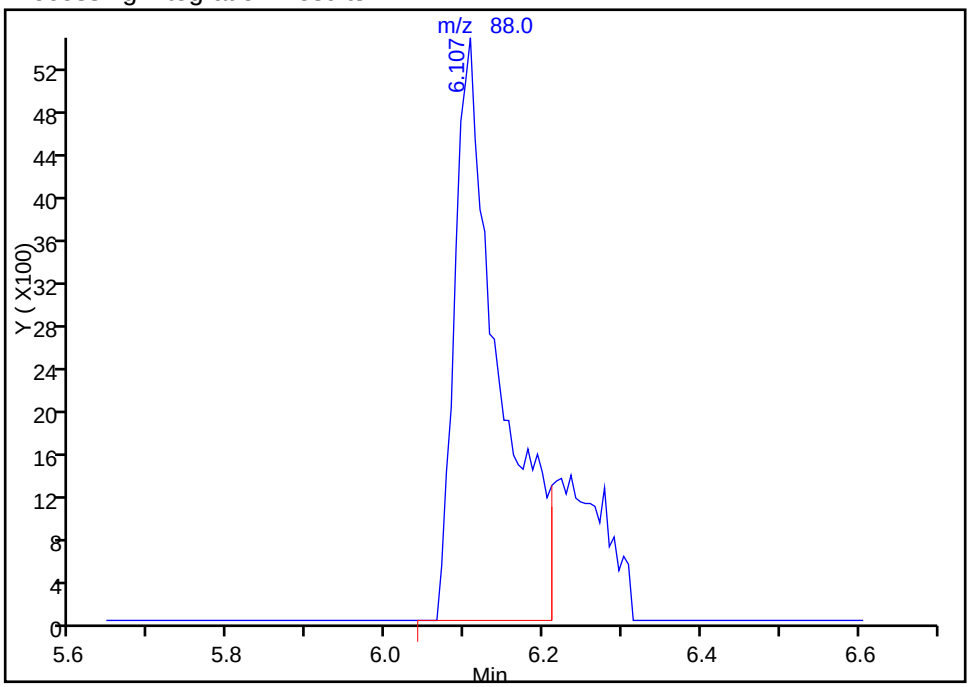
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9384.D
Injection Date: 23-Jun-2014 02:16:30 Instrument ID: HP5973F
Lims ID: ICIS 5
Client ID:
Operator ID: CDC ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

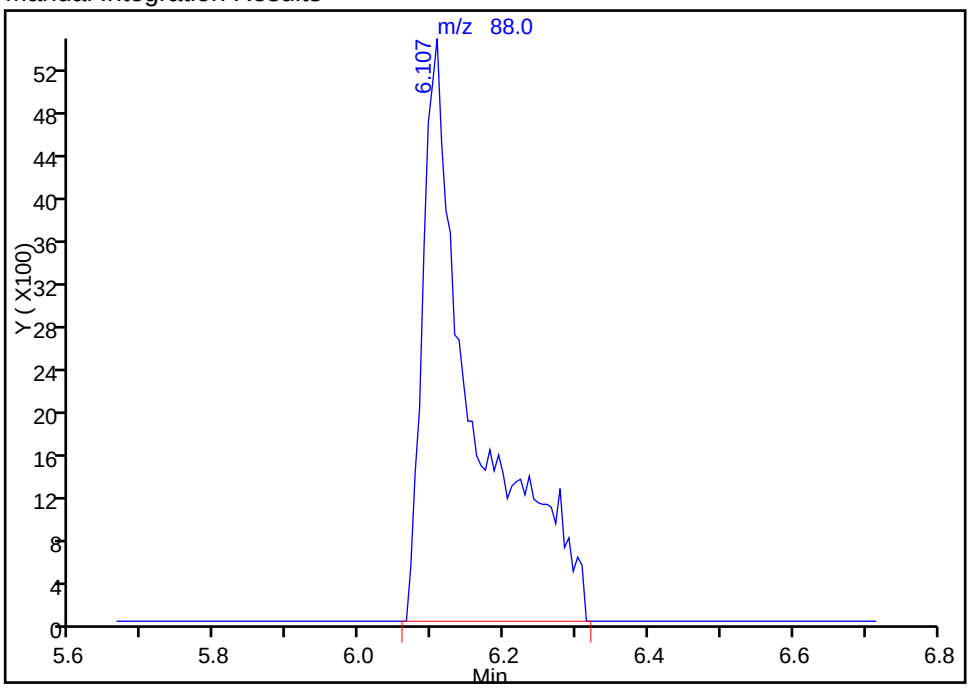
Processing Integration Results

RT: 6.11
Response: 21232
Amount: 789.8278



Manual Integration Results

RT: 6.11
Response: 26995
Amount: 964.5043



Reviewer: cwiklinc, 23-Jun-2014 21:44:14
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9385.D
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-Jun-2014 02:42:30 ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0033180-010 =480-0033180-010
Operator ID: CDC Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2014 02:42:51 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: cwiklinc Date: 23-Jun-2014 21:45:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.468	0.000	99	81752	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	82	189959	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	67	194900	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	56	111225	50.0	51.6	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	62177	50.0	50.8	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	91	408738	50.0	48.6	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	93	138843	50.0	49.2	
10 Dichlorodifluoromethane	85	1.952	1.946	0.006	87	339713	100.0	95.8	M
12 Chloromethane	50	2.110	2.104	0.006	89	152136	100.0	93.1	
13 Vinyl chloride	62	2.226	2.220	0.006	83	123302	100.0	97.6	
151 Butadiene	54	2.232	2.226	0.006	92	114000	100.0	97.8	
14 Bromomethane	94	2.518	2.506	0.012	89	87301	100.0	99.5	
15 Chloroethane	64	2.579	2.579	0.000	93	65825	100.0	99.9	
16 Dichlorofluoromethane	67	2.755	2.749	0.006	81	197244	100.0	98.3	
17 Trichlorofluoromethane	101	2.810	2.804	0.006	84	219206	100.0	98.2	
18 Ethyl ether	59	2.968	2.968	0.000	90	117876	100.0	100.3	
20 Acrolein	56	3.138	3.132	0.006	92	106051	500.0	531.7	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.163	0.006	82	186365	100.0	100.3	
22 1,1-Dichloroethene	96	3.205	3.205	0.000	85	176801	100.0	100.8	
23 Acetone	43	3.242	3.242	0.000	99	307510	500.0	494.3	
25 Iodomethane	142	3.357	3.357	0.000	98	358669	100.0	99.9	
26 Carbon disulfide	76	3.412	3.406	0.006	99	610192	100.0	104.8	M
27 Methyl acetate	43	3.467	3.467	0.000	98	876341	500.0	552.1	
28 3-Chloro-1-propene	41	3.467	3.467	0.000	82	346218	100.0	111.5	
30 Methylene Chloride	84	3.588	3.583	0.006	83	262353	100.0	105.3	
31 2-Methyl-2-propanol	59	3.637	3.637	0.000	99	298974	1000.0	1105.6	
32 Methyl tert-butyl ether	73	3.728	3.729	0.000	86	758631	100.0	102.5	
34 trans-1,2-Dichloroethene	96	3.771	3.771	0.000	94	270746	100.0	99.5	
33 Acrylonitrile	53	3.783	3.783	0.000	99	991744	1000.0	983.3	
35 Hexane	57	3.911	3.905	0.006	90	429263	100.0	83.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.093	4.087	0.006	97	901398	200.0	195.5	
39 1,1-Dichloroethane	63	4.106	4.106	0.000	85	446787	100.0	93.8	
43 2-Butanone (MEK)	43	4.550	4.550	0.000	99	668449	500.0	491.8	
44 2,2-Dichloropropane	77	4.556	4.550	0.006	86	374738	100.0	99.3	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	69	301511	100.0	96.0	
48 Chlorobromomethane	128	4.775	4.769	0.006	90	154635	100.0	97.9	
49 Tetrahydrofuran	42	4.787	4.787	0.000	86	177220	200.0	199.1	
50 Chloroform	83	4.805	4.805	0.000	81	479760	100.0	98.0	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	91	414865	100.0	101.3	
52 Cyclohexane	56	4.982	4.976	0.006	89	499688	100.0	97.7	
54 1,1-Dichloropropene	75	5.067	5.067	0.000	95	363380	100.0	99.0	
55 Carbon tetrachloride	117	5.079	5.079	0.000	79	385062	100.0	102.8	
53 Isobutyl alcohol	43	5.128	5.128	0.000	94	384955	2500.0	2694.9	
57 Benzene	78	5.261	5.255	0.006	96	1091837	100.0	95.4	
58 1,2-Dichloroethane	62	5.298	5.292	0.006	86	349275	100.0	96.2	
59 n-Heptane	43	5.347	5.347	0.000	90	456250	100.0	96.2	
62 Trichloroethene	95	5.779	5.779	0.000	93	292292	100.0	98.9	
64 Methylcyclohexane	83	5.912	5.913	-0.001	88	509061	100.0	97.0	
65 1,2-Dichloropropane	63	5.998	5.998	0.000	94	262687	100.0	100.1	
66 1,4-Dioxane	88	6.107	6.107	0.000	89	61776	2000.0	2034.2	
67 Dibromomethane	93	6.137	6.132	0.005	86	164762	100.0	104.5	
68 Dichlorobromomethane	83	6.241	6.247	-0.006	94	354655	100.0	105.0	
69 2-Chloroethyl vinyl ether	63	6.448	6.448	0.000	91	180715	100.0	110.8	
72 cis-1,3-Dichloropropene	75	6.624	6.618	0.006	90	423715	100.0	104.8	
73 4-Methyl-2-pentanone (MIBK	43	6.722	6.722	0.000	95	1314568	500.0	493.5	
74 Toluene	92	6.916	6.916	0.000	98	691379	100.0	93.0	
75 Ethyl methacrylate	69	7.135	7.135	0.000	89	323270	100.0	99.7	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	91	339482	100.0	97.7	
79 1,1,2-Trichloroethane	83	7.342	7.336	0.006	86	185660	100.0	94.3	
81 Tetrachloroethene	166	7.439	7.439	0.000	92	321960	100.0	93.1	
82 1,3-Dichloropropane	76	7.500	7.500	0.000	95	381477	100.0	94.7	
80 2-Hexanone	43	7.512	7.513	0.000	94	937317	500.0	494.7	
83 Chlorodibromomethane	129	7.750	7.750	0.000	88	273186	100.0	106.1	
84 Ethylene Dibromide	107	7.877	7.878	-0.001	98	253469	100.0	100.9	
87 Chlorobenzene	112	8.328	8.328	0.000	93	779360	100.0	95.5	
88 Ethylbenzene	91	8.388	8.389	-0.001	97	1264400	100.0	94.2	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	87	269229	100.0	100.0	
90 m-Xylene & p-Xylene	106	8.510	8.510	0.000	0	511252	100.0	93.9	
91 o-Xylene	106	8.942	8.936	0.006	94	480508	100.0	93.8	
92 Styrene	104	8.960	8.960	0.000	95	830684	100.0	96.5	
95 Bromoform	173	9.240	9.234	0.006	98	185693	100.0	109.3	
94 Isopropylbenzene	105	9.307	9.307	0.000	95	1246816	100.0	97.1	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	89	294854	100.0	103.1	
101 Bromobenzene	156	9.690	9.690	0.000	88	338321	100.0	99.1	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	37	94097	100.0	105.9	
99 N-Propylbenzene	91	9.721	9.721	0.000	98	1414049	100.0	97.2	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	83	97675	100.0	101.6	
103 2-Chlorotoluene	126	9.855	9.855	0.000	97	312006	100.0	100.3	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	93	1071414	100.0	100.0	
105 4-Chlorotoluene	126	9.958	9.958	0.000	97	320634	100.0	97.9	
106 tert-Butylbenzene	134	10.207	10.208	-0.001	91	231465	100.0	95.9	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	1055027	100.0	96.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	94	1356718	100.0	96.9	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	96	1193610	100.0	97.4	
111 1,3-Dichlorobenzene	146	10.572	10.566	0.006	96	622412	100.0	94.9	
113 1,4-Dichlorobenzene	146	10.645	10.652	-0.007	95	628073	100.0	95.5	
115 n-Butylbenzene	91	10.901	10.901	0.000	94	1033618	100.0	98.6	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	98	601461	100.0	99.3	
117 1,2-Dibromo-3-Chloropropan	75	11.674	11.668	0.006	83	54724	100.0	106.3	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	90	451225	100.0	105.7	
120 Hexachlorobutadiene	225	12.410	12.404	0.006	94	263507	100.0	100.3	
121 Naphthalene	128	12.543	12.544	-0.001	96	1081247	100.0	108.6	
122 1,2,3-Trichlorobenzene	180	12.756	12.757	-0.001	95	401693	100.0	101.0	
S 123 Total BTEX	1				0			470.4	
S 124 Xylenes, Total	1				0			187.7	
S 125 1,2-Dichloroethene, Total	1				0			195.5	
S 126 1,3-Dichloropropene, Total	1				0			202.6	

QC Flag Legend

Review Flags
M - Manually Integrated

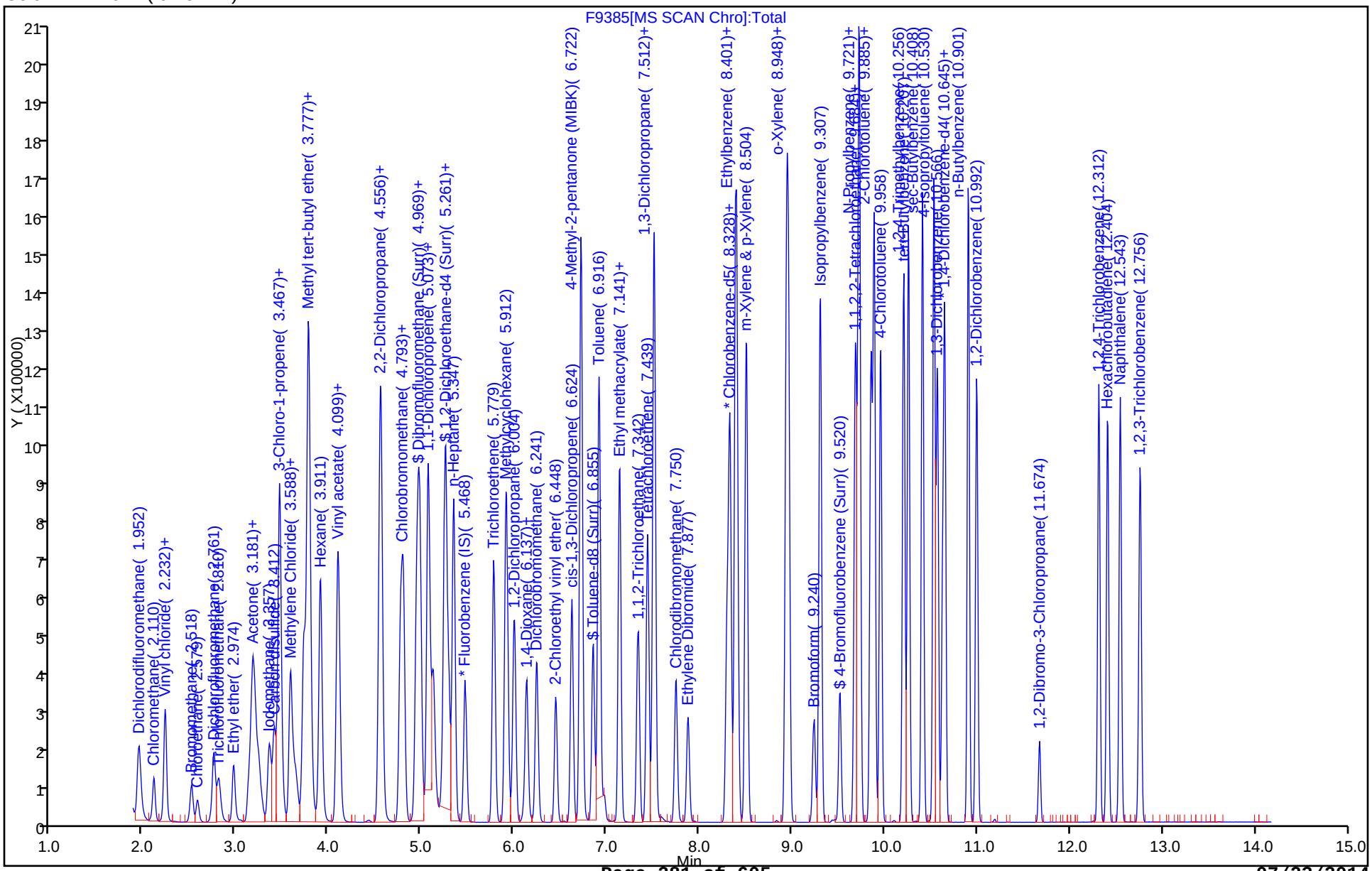
Report Date: 24-Jun-2014 02:42:52 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9385.D

Injection Date:	23-Jun-2014 02:42:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	IC 6			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

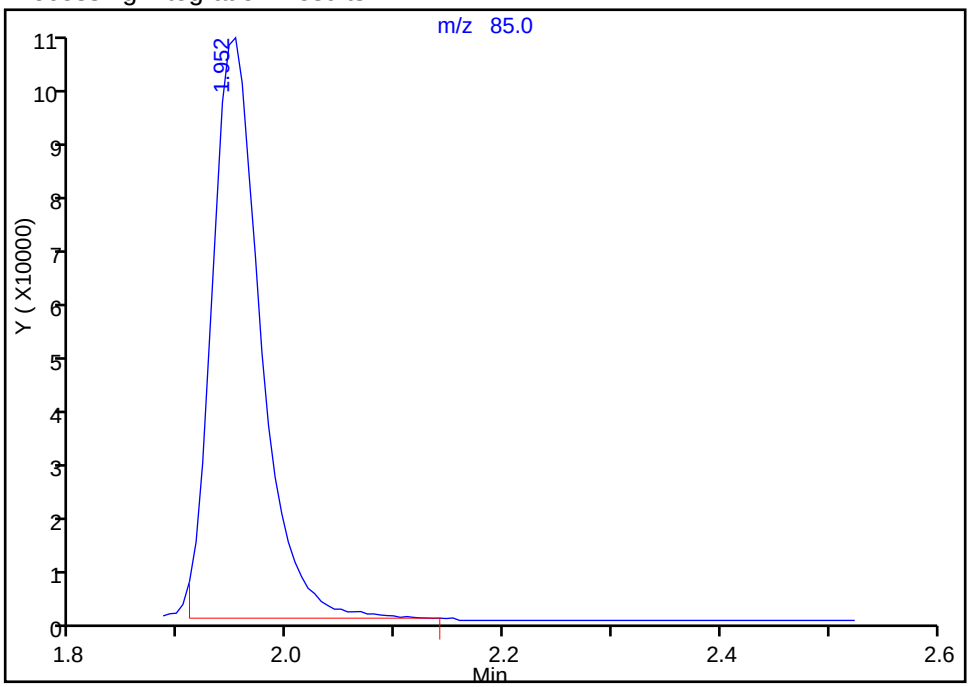
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9385.D
Injection Date: 23-Jun-2014 02:42:30 Instrument ID: HP5973F
Lims ID: IC 6
Client ID:
Operator ID: CDC ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

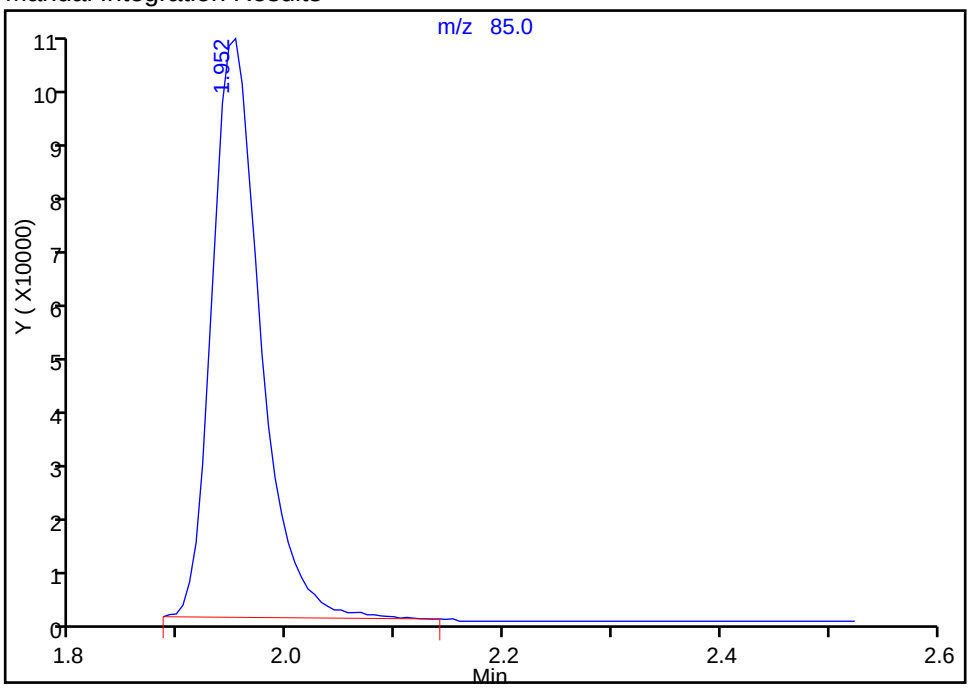
Processing Integration Results

RT: 1.95
Response: 341308
Amount: 96.171976



Manual Integration Results

RT: 1.95
Response: 339713
Amount: 95.794300



Reviewer: cwiklinc, 24-Jun-2014 02:42:51
Audit Action: Manually Integrated
Audit Reason: Cut Peak

Manual Integration/User Assign Peak Report

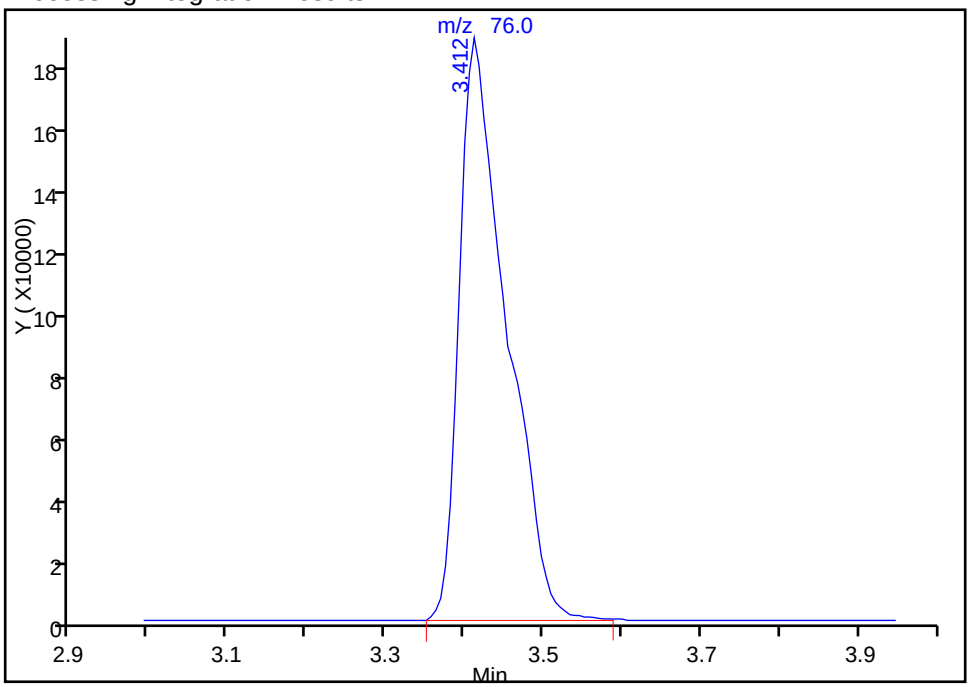
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9385.D
Injection Date: 23-Jun-2014 02:42:30 Instrument ID: HP5973F
Lims ID: IC 6
Client ID:
Operator ID: CDC ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

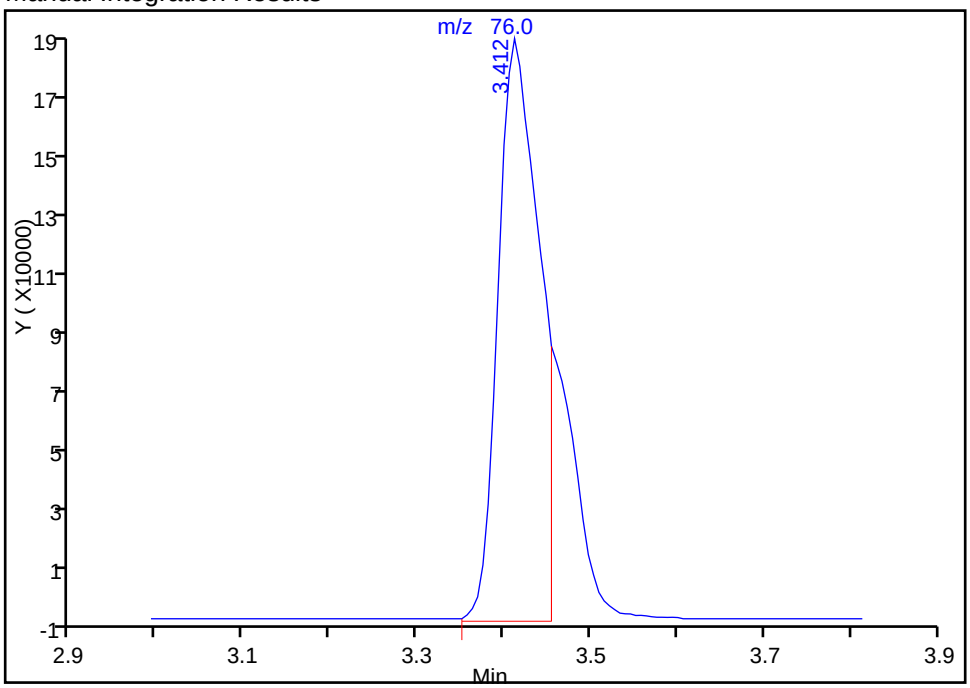
Processing Integration Results

RT: 3.41
Response: 758675
Amount: 120.1638



Manual Integration Results

RT: 3.41
Response: 610192
Amount: 104.8153



Reviewer: cwiklinc, 23-Jun-2014 21:45:11
Audit Action: Manually Integrated
Audit Reason: Coelution

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9386.D
Lims ID: IC 7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 23-Jun-2014 03:08:30 ALS Bottle#: 8 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 7
Misc. Info.: 480-0033180-011 =480-0033180-011
Operator ID: CDC Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2014 02:43:08 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: cwiklinc Date: 23-Jun-2014 21:48:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.468	0.000	99	79842	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	82	185679	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	65	191138	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	59	109202	50.0	51.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.225	5.231	-0.006	0	60094	50.0	50.3	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	90	398183	50.0	48.5	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	94	140829	50.0	51.1	
10 Dichlorodifluoromethane	85	1.946	1.946	0.000	88	635399	200.0	183.8	M
12 Chloromethane	50	2.116	2.104	0.012	88	327160	200.0	205.0	
13 Vinyl chloride	62	2.226	2.220	0.006	83	250940	200.0	203.3	
151 Butadiene	54	2.232	2.226	0.006	92	231291	200.0	203.2	
14 Bromomethane	94	2.518	2.506	0.012	89	178454	200.0	208.2	
15 Chloroethane	64	2.579	2.579	0.000	95	132480	200.0	205.8	
16 Dichlorofluoromethane	67	2.755	2.749	0.006	82	397136	200.0	202.7	
17 Trichlorofluoromethane	101	2.810	2.804	0.006	85	438315	200.0	201.1	
18 Ethyl ether	59	2.968	2.968	0.000	90	230088	200.0	200.4	
20 Acrolein	56	3.132	3.132	0.000	93	202676	1000.0	1040.5	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.163	0.006	83	364841	200.0	201.1	
22 1,1-Dichloroethene	96	3.205	3.205	0.000	85	345987	200.0	201.9	
23 Acetone	43	3.242	3.242	0.000	99	566291	1000.0	932.0	
25 Iodomethane	142	3.357	3.357	0.000	99	682871	200.0	194.8	
26 Carbon disulfide	76	3.412	3.406	0.006	99	1057229	200.0	185.9	M
27 Methyl acetate	43	3.461	3.467	-0.006	96	1290068	1000.0	832.2	
28 3-Chloro-1-propene	41	3.467	3.467	0.000	62	534726	200.0	176.3	
30 Methylene Chloride	84	3.583	3.583	0.001	82	393436	200.0	198.2	
31 2-Methyl-2-propanol	59	3.631	3.637	-0.006	98	497756	2000.0	1884.8	
32 Methyl tert-butyl ether	73	3.729	3.729	0.001	87	1404279	200.0	194.3	
34 trans-1,2-Dichloroethene	96	3.771	3.771	0.000	95	498713	200.0	187.7	
33 Acrylonitrile	53	3.783	3.783	0.000	99	1734261	2000.0	1760.6	
35 Hexane	57	3.905	3.905	0.000	91	808609	200.0	161.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.087	4.087	0.000	97	1752249	400.0	389.1	
39 1,1-Dichloroethane	63	4.106	4.106	0.000	85	882040	200.0	189.7	
43 2-Butanone (MEK)	43	4.550	4.550	0.000	100	1244925	1000.0	937.8	
44 2,2-Dichloropropane	77	4.556	4.550	0.006	67	738783	200.0	200.4	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	68	592890	200.0	193.3	
48 Chlorobromomethane	128	4.769	4.769	0.000	89	310627	200.0	201.4	
49 Tetrahydrofuran	42	4.781	4.787	-0.006	87	336658	400.0	387.3	
50 Chloroform	83	4.799	4.805	-0.006	81	948877	200.0	198.4	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	91	833765	200.0	208.4	
52 Cyclohexane	56	4.976	4.976	0.000	88	984471	200.0	197.2	
54 1,1-Dichloropropene	75	5.067	5.067	0.000	94	718688	200.0	200.5	
55 Carbon tetrachloride	117	5.079	5.079	0.000	79	772978	200.0	211.4	
53 Isobutyl alcohol	43	5.128	5.128	0.000	93	738068	5000.0	5290.4	
57 Benzene	78	5.256	5.255	0.001	96	2152379	200.0	192.6	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	86	698057	200.0	196.8	
59 n-Heptane	43	5.347	5.347	0.000	89	873461	200.0	188.6	
62 Trichloroethene	95	5.779	5.779	0.000	93	584384	200.0	202.4	
64 Methylcyclohexane	83	5.913	5.913	0.000	88	1009685	200.0	197.0	
65 1,2-Dichloropropane	63	6.004	5.998	0.006	94	520042	200.0	202.8	
66 1,4-Dioxane	88	6.107	6.107	0.000	89	120003	4000.0	3996.4	
67 Dibromomethane	93	6.132	6.132	0.000	88	323522	200.0	210.2	
68 Dichlorobromomethane	83	6.241	6.247	-0.006	94	728847	200.0	221.0	
69 2-Chloroethyl vinyl ether	63	6.448	6.448	0.000	92	346097	200.0	217.3	
72 cis-1,3-Dichloropropene	75	6.624	6.618	0.006	92	845277	200.0	214.1	
73 4-Methyl-2-pentanone (MIBK	43	6.722	6.722	0.000	95	2414852	1000.0	927.4	
74 Toluene	92	6.916	6.916	0.000	99	1352726	200.0	186.2	
75 Ethyl methacrylate	69	7.135	7.135	0.000	89	662711	200.0	209.0	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	93	709277	200.0	208.9	
79 1,1,2-Trichloroethane	83	7.336	7.336	0.000	85	378705	200.0	196.7	
81 Tetrachloroethene	166	7.440	7.439	0.001	93	632165	200.0	187.0	
82 1,3-Dichloropropane	76	7.500	7.500	0.000	94	731910	200.0	185.9	
80 2-Hexanone	43	7.513	7.513	0.001	94	1706725	1000.0	921.5	
83 Chlorodibromomethane	129	7.744	7.750	-0.006	87	573151	200.0	227.6	
84 Ethylene Dibromide	107	7.878	7.878	0.000	98	511287	200.0	208.2	
87 Chlorobenzene	112	8.328	8.328	0.000	95	1533801	200.0	192.2	
88 Ethylbenzene	91	8.395	8.389	0.006	97	2479630	200.0	189.0	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	87	541207	200.0	205.7	
90 m-Xylene & p-Xylene	106	8.504	8.510	-0.006	0	1033220	200.0	194.1	
91 o-Xylene	106	8.942	8.936	0.006	94	943141	200.0	188.4	
92 Styrene	104	8.960	8.960	0.000	94	1640131	200.0	195.0	
95 Bromoform	173	9.240	9.234	0.006	99	400432	200.0	241.0	
94 Isopropylbenzene	105	9.307	9.307	0.000	95	2416481	200.0	191.9	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	87	569727	200.0	203.2	
101 Bromobenzene	156	9.690	9.690	0.000	88	668770	200.0	199.8	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	34	183846	200.0	211.0	
99 N-Propylbenzene	91	9.721	9.721	0.000	98	2782782	200.0	195.1	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	80	189358	200.0	200.8	
103 2-Chlorotoluene	126	9.849	9.855	-0.006	97	587204	200.0	192.4	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	93	2004451	200.0	190.8	
105 4-Chlorotoluene	126	9.958	9.958	0.000	97	639784	200.0	199.2	
106 tert-Butylbenzene	134	10.208	10.208	0.000	90	476367	200.0	201.2	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	2142071	200.0	200.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	94	2628111	200.0	191.5	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	96	2335125	200.0	194.3	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	96	1229120	200.0	191.0	
113 1,4-Dichlorobenzene	146	10.652	10.652	0.000	95	1247926	200.0	193.5	
115 n-Butylbenzene	91	10.901	10.901	0.000	94	2036852	200.0	198.2	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	98	1133089	200.0	190.8	
117 1,2-Dibromo-3-Chloropropan	75	11.668	11.668	0.000	90	112413	200.0	222.7	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	94	880030	200.0	210.2	
120 Hexachlorobutadiene	225	12.410	12.404	0.006	94	519978	200.0	201.9	
121 Naphthalene	128	12.544	12.544	0.000	97	2129855	200.0	218.2	
122 1,2,3-Trichlorobenzene	180	12.757	12.757	0.000	94	832447	200.0	213.5	
S 123 Total BTEX	1				0			950.3	
S 124 Xylenes, Total	1				0			382.6	
S 125 1,2-Dichloroethene, Total	1				0			381.0	
S 126 1,3-Dichloropropene, Total	1				0			423.0	

QC Flag Legend

Review Flags
M - Manually Integrated

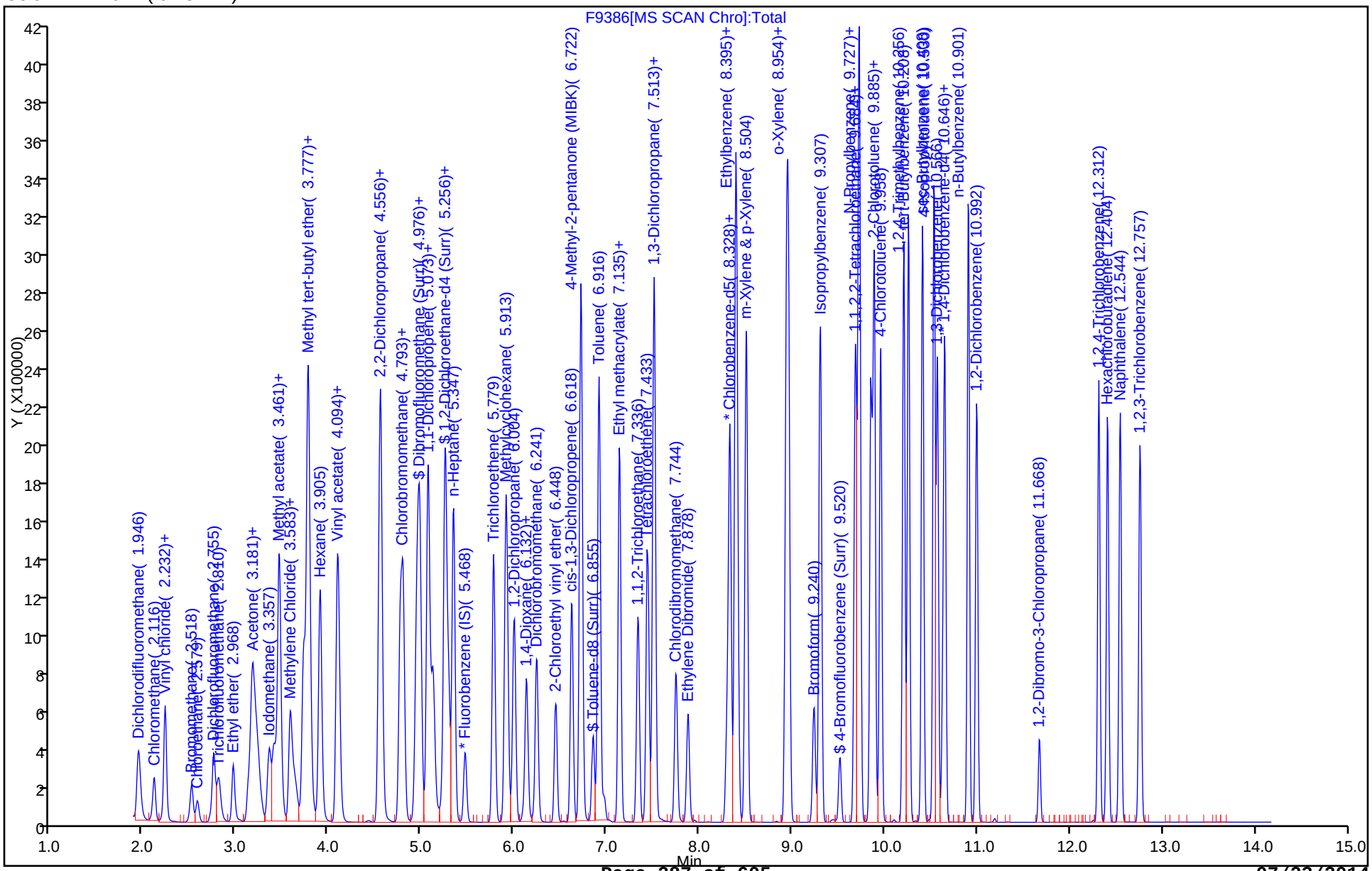
Report Date: 24-Jun-2014 02:43:09 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9386.D

Injection Date:	23-Jun-2014 03:08:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	IC 7			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

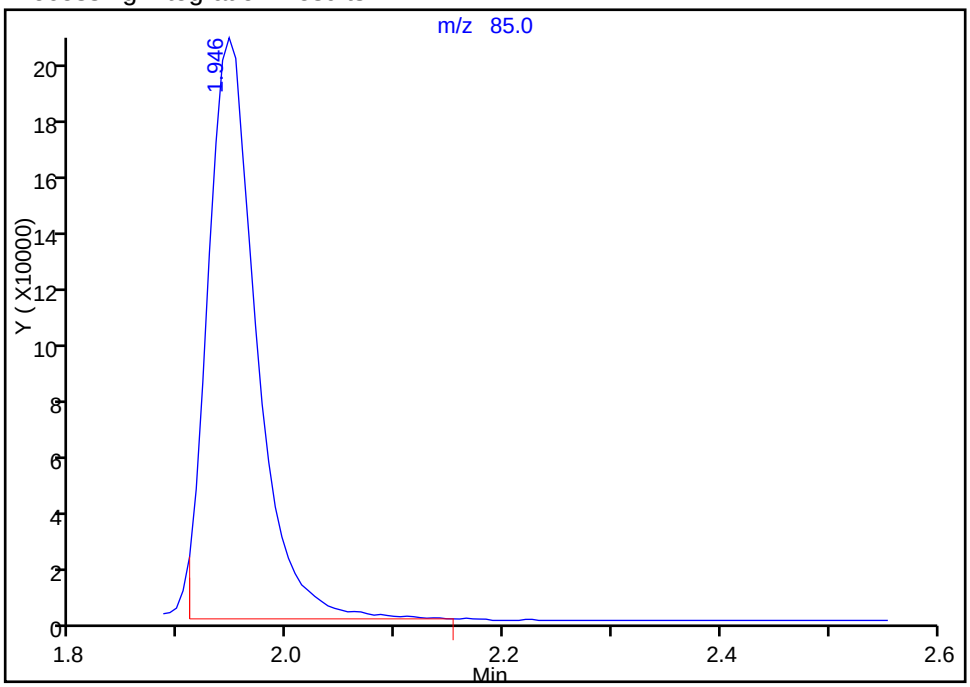
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9386.D
Injection Date: 23-Jun-2014 03:08:30 Instrument ID: HP5973F
Lims ID: IC 7
Client ID:
Operator ID: CDC ALS Bottle#: 8 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

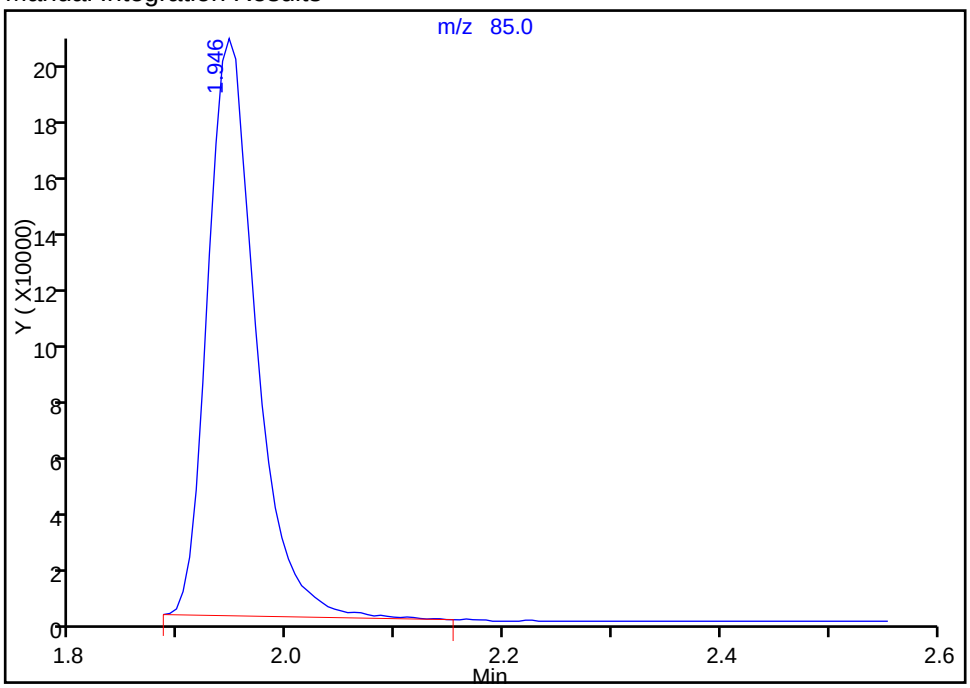
Processing Integration Results

RT: 1.95
Response: 643775
Amount: 185.8783



Manual Integration Results

RT: 1.95
Response: 635399
Amount: 183.8303



Reviewer: cwiklinc, 24-Jun-2014 02:43:08
Audit Action: Manually Integrated
Audit Reason: Cut Peak

Manual Integration/User Assign Peak Report

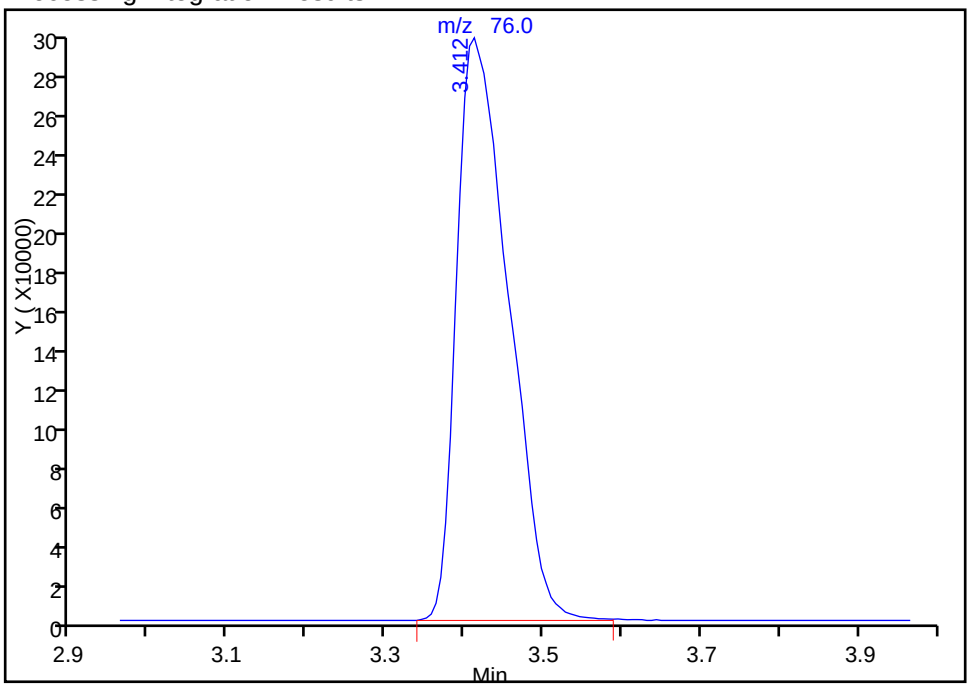
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9386.D
Injection Date: 23-Jun-2014 03:08:30 Instrument ID: HP5973F
Lims ID: IC 7
Client ID:
Operator ID: CDC ALS Bottle#: 8 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

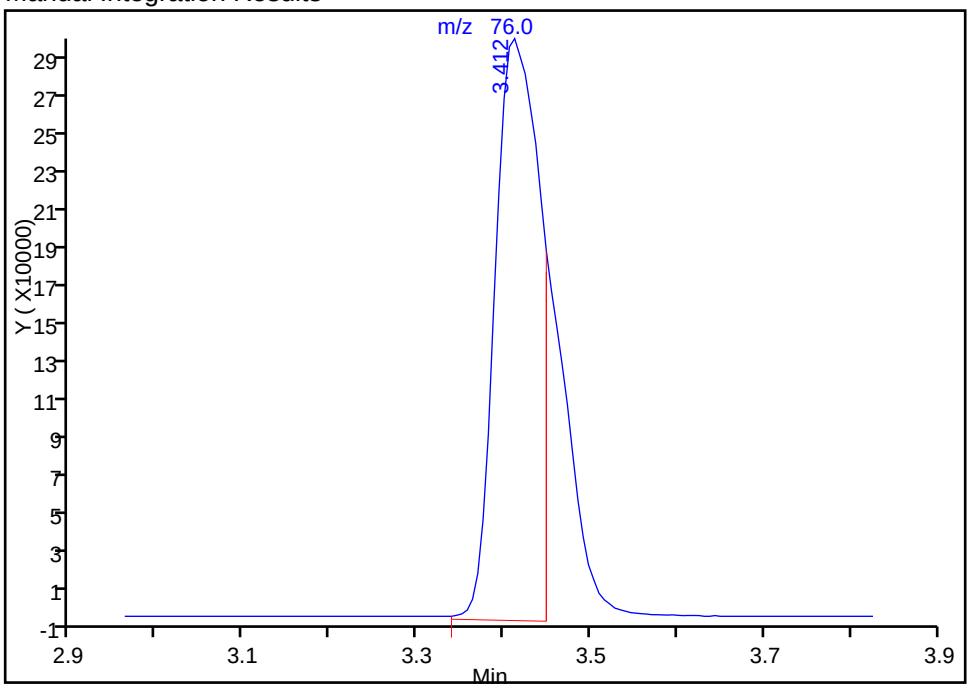
Processing Integration Results

RT: 3.41
Response: 1343906
Amount: 226.8396



Manual Integration Results

RT: 3.41
Response: 1057229
Amount: 185.9492



Reviewer: cwiklinc, 23-Jun-2014 21:48:49
Audit Action: Manually Integrated
Audit Reason: Coelution

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-191084/4	F9669.D
Level 2	IC 480-191084/5	F9670.D
Level 3	IC 480-191084/6	F9671.D
Level 4	IC 480-191084/3	F9668.D
Level 5	ICIS 480-191084/7	F9672.D
Level 6	IC 480-191084/8	F9673.D
Level 7	IC 480-191084/9	F9674.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	1.8849 1.8090	1.8614 1.5725	1.9381		1.7386	Ave		1.8007			0.1000	7.3		20.0			
Chloromethane	1.5558 1.3697	1.5401 1.2917	1.5101		1.3858	Ave		1.4422			0.1000	7.5		20.0			
Vinyl chloride	1.4645 1.3689	1.4536 1.2625	1.4447		1.3355	Ave		1.3883			0.1000	5.8		20.0			
Butadiene	1.3462 1.2099	1.3355 1.0896	1.3164		1.1950	Ave		1.2488				8.1		20.0			
Bromomethane	0.8590 0.7378	0.8256 0.7288	0.8442		0.7376	Ave		0.7889			0.1000	7.6		20.0			
Chloroethane	0.7936 0.6483	0.7465 0.6360	0.7386		0.6584	Ave		0.7036			0.1000	9.2		20.0			
Dichlorofluoromethane	2.0637 1.8494	1.9855 1.7712	1.9254		1.8244	Ave		1.9033				5.7		20.0			
Trichlorofluoromethane	1.6882 1.6985	1.7115 1.5562	1.7541		1.5979	Ave		1.6677			0.1000	4.5		20.0			
Ethyl ether	1.1724 1.1463	1.1438 1.0924	1.1432		1.1597	Ave		1.1430				2.4		20.0			
Acrolein	0.1817 0.1878	0.1863 0.1753	0.1796		0.1865	Ave		0.1829				2.7		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.3669 1.4234	1.3447 1.3120	1.3501		1.3411	Ave		1.3564			0.1000	2.8		20.0			
1,1-Dichloroethene	1.3554 1.3113	1.3357 1.2532	1.2927		1.2686	Ave		1.3028			0.1000	3.0		20.0			
Acetone	0.4809 0.4928	0.4931 0.4696	0.4962		0.4986	Ave		0.4885			0.1000	2.3		20.0			
Iodomethane	2.4704 2.3955	2.3835 2.3194	2.3678		2.3588	Ave		2.3826				2.1		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	4.7927 5.1778	4.8019 4.9957	4.8765		4.9548	Ave		4.9332			0.1000	2.9		20.0			
Methyl acetate	1.1406 1.2165	1.1944 1.1056	1.1976		1.2178	Ave		1.1788			0.1000	3.9		20.0			
Allyl chloride	2.4208 2.3809	2.4055 2.2879	2.3703		2.3257	Ave		2.3652				2.1		20.0			
Methylene Chloride	2.8937 1.4529	2.1198 1.3889	1.8164		1.5548	Lin1	7.8890	1.3649			0.1000				1.0000		0.9900
2-Methyl-2-propanol	0.1027 0.1331	0.1040 0.1339	0.1064		0.1252	Ave		0.1175				13.0		20.0			
Methyl tert-butyl ether	3.8788 4.1211	3.9408 4.0462	3.9977		4.0996	Ave		4.0140			0.1000	2.3		20.0			
trans-1,2-Dichloroethene	1.4287 1.3996	1.4075 1.3577	1.3838		1.3579	Ave		1.3892			0.1000	2.0		20.0			
Acrylonitrile	0.4948 0.5339	0.5349 0.4847	0.5326	0.5051	0.5456	Ave		0.5188				4.5		20.0			
Hexane	3.0384 2.2304	2.6397 2.1171	2.4824		2.1655	Ave		2.4456				14.0		20.0			
Vinyl acetate	1.8165 2.3887	1.9649 2.3353	2.0596		2.3061	Ave		2.1452				11.0		20.0			
1,1-Dichloroethane	2.6450 2.5256	2.5404 2.4482	2.5471		2.4987	Ave		2.5342			0.2000	2.6		20.0			
2-Butanone (MEK)	0.6859 0.7647	0.7269 0.6971	0.7301		0.7798	Ave		0.7307			0.1000	5.0		20.0			
2,2-Dichloropropane	1.6658 1.9202	1.7262 1.8663	1.7780		1.8213	Ave		1.7963				5.2		20.0			
cis-1,2-Dichloroethene	1.5240 1.4810	1.5148 1.4591	1.4802		1.4631	Ave		1.4870			0.1000	1.8		20.0			
Chlorobromomethane	0.7463 0.7477	0.7304 0.7434	0.7495		0.7511	Ave		0.7448				1.0		20.0			
Tetrahydrofuran	0.4684 0.5019	0.4866 0.4617	0.4853		0.5166	Ave		0.4867				4.2		20.0			
Chloroform	2.5290 2.3840	2.3993 2.3368	2.3824		2.3473	Ave		2.3965			0.2000	2.9		20.0			
1,1,1-Trichloroethane	1.7258 2.0032	1.7926 1.9717	1.8178		1.8589	Ave		1.8617			0.1000	5.7		20.0			
Cyclohexane	2.3507 2.3461	2.2700 2.1935	2.2423		2.1708	Ave		2.2622			0.1000	3.3		20.0			
1,1-Dichloropropene	1.8524 1.8418	1.7988 1.7865	1.7841		1.7684	Ave		1.8053				1.9		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	1.4513 1.8290	1.4544 1.8595	1.5252		1.6149	Ave		1.6224			0.1000	11.0		20.0			
Isobutyl alcohol	0.0450 0.0700	0.0479 0.0711	0.0466		0.0607	Lin1	-5.344	0.0706							0.9950		0.9900
Benzene	5.7371 5.4697	5.5414 5.2386	5.4646		5.4192	Ave		5.4784			0.5000	3.0		20.0			
1,2-Dichloroethane	1.9536 1.9532	1.9496 1.8938	1.9686		1.9642	Ave		1.9472			0.1000	1.4		20.0			
n-Heptane	2.3332 2.3720	2.2956 2.2471	2.2493		2.1964	Ave		2.2823				2.8		20.0			
Trichloroethene	1.3699 1.3867	1.3606 1.3592	1.3640		1.3555	Ave		1.3660			0.2000	0.8		20.0			
Methylcyclohexane	2.4012 2.5011	2.3424 2.3672	2.3643		2.3054	Ave		2.3803			0.1000	2.8		20.0			
1,2-Dichloropropane	1.3654 1.3491	1.3607 1.3231	1.3519		1.3428	Ave		1.3488			0.1000	1.1		20.0			
1,4-Dioxane	0.0054 0.0085	0.0079 0.0080	0.0076		0.0084	Ave		0.0077				15.0		20.0			
Dibromomethane	0.8178 0.8387	0.8031 0.8268	0.8193		0.8430	Ave		0.8248			0.1000	1.8		20.0			
Bromodichloromethane	1.3710 1.7101	1.3950 1.7778	1.4851		1.5992	Ave		1.5564			0.2000	11.0		20.0			
2-Chloroethyl vinyl ether	0.8061 0.9175	0.8441 0.8940	0.8805		0.9101	Ave		0.8754				4.9		20.0			
cis-1,3-Dichloropropene	1.8678 2.1766	1.9032 2.1748	1.9923		2.0917	Ave		2.0344			0.2000	6.6		20.0			
4-Methyl-2-pentanone (MIBK)	0.6555 0.7439	0.6920 0.6667	0.7018		0.7586	Ave		0.7031			0.1000	5.8		20.0			
Toluene	1.7171 1.7025	1.6881 1.6588	1.6578		1.6588	Ave		1.6805			0.4000	1.5		20.0			
Ethyl methacrylate	0.6596 0.9517	0.7607 0.9318	0.8158		0.9088	Ave		0.8381				14.0		20.0			
trans-1,3-Dichloropropene	0.7381 0.9680	0.7916 0.9717	0.8581		0.9213	Ave		0.8748			0.1000	11.0		20.0			
1,1,2-Trichloroethane	0.4690 0.4874	0.4667 0.4747	0.4705		0.4791	Ave		0.4746			0.1000	1.6		20.0			
Tetrachloroethene	0.7630 0.7644	0.7452 0.7402	0.7217		0.7214	Ave		0.7426			0.2000	2.5		20.0			
1,3-Dichloropropane	0.9960 1.0480	1.0463 1.0166	1.0265		1.0494	Ave		1.0305				2.1		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.4356 0.5448	0.5032 0.4882	0.4867		0.5467	Ave		0.5009			0.1000	8.3		20.0			
Dibromochloromethane	0.3811 0.6332	0.4124 0.6781	0.4607		0.5575	Lin1	-2.227	0.6634			0.1000				0.9950		0.9900
1,2-Dibromoethane	0.5595 0.6210	0.5781 0.6067	0.5935		0.6087	Ave		0.5946				3.8		20.0			
Chlorobenzene	1.9500 1.8615	1.8895 1.8101	1.8359		1.8375	Ave		1.8641			0.5000	2.7		20.0			
Ethylbenzene	3.2076 3.1602	3.1622 3.0227	3.0658		3.0786	Ave		3.1162			0.1000	2.3		20.0			
1,1,1,2-Tetrachloroethane	0.4832 0.6505	0.5070 0.6677	0.5426		0.5945	Ave		0.5743				13.0		20.0			
m,p-Xylene	1.2633 1.2735	1.2489 1.2514	1.2373		1.2248	Ave		1.2499			0.1000	1.4		20.0			
o-Xylene	1.2215 1.2325	1.1952 1.2190	1.1891		1.1930	Ave		1.2084			0.3000	1.5		20.0			
Styrene	2.0207 2.1313	2.0497 2.1011	2.0413		2.0692	Ave		2.0689			0.3000	2.0		20.0			
Bromoform	0.2067 0.4035	0.2215 0.4500	0.2551		0.3283	Lin	-3.673	0.4601			0.1000				0.9960		0.9900
Isopropylbenzene	3.2765 3.1684	3.1980 3.0173	3.1263		3.0870	Ave		3.1456			0.1000	2.9		20.0			
1,1,2,2-Tetrachloroethane	0.7245 0.8004	0.7443 0.7729	0.7633		0.7900	Ave		0.7659			0.3000	3.7		20.0			
Bromobenzene	0.8816 0.8349	0.8385 0.8190	0.8328		0.8335	Ave		0.8401				2.5		20.0			
trans-1,4-Dichloro-2-butene	0.2147 0.2604	0.2208 0.2467	0.2336		0.2540	Ave		0.2384				7.7		20.0			
N-Propylbenzene	3.9299 3.7162	3.7931 3.4902	3.7095		3.6614	Ave		3.7167				3.9		20.0			
1,2,3-Trichloropropane	0.2423 0.2620	0.2648 0.2515	0.2581		0.2632	Ave		0.2570				3.4		20.0			
2-Chlorotoluene	0.8495 0.7814	0.8138 0.7710	0.7874		0.7679	Ave		0.7952				3.9		20.0			
1,3,5-Trimethylbenzene	2.7080 2.6725	2.6901 2.5664	2.6400		2.6221	Ave		2.6499				1.9		20.0			
4-Chlorotoluene	0.8351 0.8144	0.8272 0.8053	0.8031		0.8077	Ave		0.8155				1.6		20.0			
tert-Butylbenzene	0.5740 0.6079	0.5924 0.5990	0.5880		0.5833	Ave		0.5908				2.0		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	2.8293 2.7336	2.7634 2.6465	2.7257		2.7006	Ave		2.7332				2.2		20.0			
sec-Butylbenzene	3.4508 3.4106	3.4191 3.2098	3.3492		3.2617	Ave		3.3502				2.9		20.0			
4-Isopropyltoluene	3.0244 3.0161	2.9919 2.8756	2.9362		2.9016	Ave		2.9576				2.1		20.0			
1,3-Dichlorobenzene	1.6068 1.5369	1.5720 1.5217	1.5498		1.5311	Ave		1.5530			0.6000	2.0		20.0			
1,4-Dichlorobenzene	1.6058 1.5489	1.6007 1.5286	1.5656		1.5376	Ave		1.5645			0.5000	2.1		20.0			
n-Butylbenzene	2.6480 2.6762	2.6489 2.5402	2.5993		2.5571	Ave		2.6116				2.1		20.0			
1,2-Dichlorobenzene	1.5197 1.4688	1.5055 1.4435	1.4916		1.4589	Ave		1.4813			0.4000	2.0		20.0			
1,2-Dibromo-3-Chloropropane	0.0921 0.1560	0.1021 0.1584	0.1129		0.1407	Lin1	-0.489	0.1584			0.0500				0.9970		0.9900
1,2,4-Trichlorobenzene	0.9648 1.0367	1.0216 1.0230	1.0358		1.0174	Ave		1.0166			0.2000	2.6		20.0			
Hexachlorobutadiene	0.5989 0.6009	0.6064 0.5776	0.5926		0.5529	Ave		0.5882				3.4		20.0			
Naphthalene	2.2860 2.6614	2.4652 2.5033	2.5420		2.5986	Ave		2.5094				5.2		20.0			
1,2,3-Trichlorobenzene	0.9238 0.9706	0.9540 0.9475	0.9678		0.9480	Ave		0.9520				1.8		20.0			
Dibromofluoromethane (Surr)	1.0316 1.0539	1.0382 1.0815	1.0758	1.0495	1.0685	Ave		1.0570				1.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.6666 0.6733	0.6685 0.6675	0.6858	0.6739	0.6748	Ave		0.6729				1.0		20.0			
Toluene-d8 (Surr)	2.0655 2.0842	2.0411 2.0704	2.0747	2.0651	2.0767	Ave		2.0682				0.7		20.0			
4-Bromofluorobenzene (Surr)	0.6803 0.6917	0.6796 0.6983	0.6930	0.6770	0.6949	Ave		0.6878				1.2		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-191084/4	F9669.D
Level 2	IC 480-191084/5	F9670.D
Level 3	IC 480-191084/6	F9671.D
Level 4	IC 480-191084/3	F9668.D
Level 5	ICIS 480-191084/7	F9672.D
Level 6	IC 480-191084/8	F9673.D
Level 7	IC 480-191084/9	F9674.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	43848 857457	86763 1497682	178539		407825	5.00 100	10.0 200	20.0		50.0
Chloromethane	FB	Ave	36193 649252	71785 1230242	139110		325079	5.00 100	10.0 200	20.0		50.0
Vinyl chloride	FB	Ave	34069 648856	67757 1202426	133083		313285	5.00 100	10.0 200	20.0		50.0
Butadiene	FB	Ave	31315 573499	62251 1037749	121263		280320	5.00 100	10.0 200	20.0		50.0
Bromomethane	FB	Ave	19983 349720	38483 694155	77770		173028	5.00 100	10.0 200	20.0		50.0
Chloroethane	FB	Ave	18462 307269	34796 605716	68036		154453	5.00 100	10.0 200	20.0		50.0
Dichlorofluoromethane	FB	Ave	48007 876627	92546 1686942	177368		427961	5.00 100	10.0 200	20.0		50.0
Trichlorofluoromethane	FB	Ave	39273 805089	79777 1482206	161583		374829	5.00 100	10.0 200	20.0		50.0
Ethyl ether	FB	Ave	27274 543323	53317 1040421	105310		272043	5.00 100	10.0 200	20.0		50.0
Acrolein	FB	Ave	21130 445067	43412 834717	82719		218778	25.0 500	50.0 1000	100		250
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	31797 674663	62680 1249636	124369		314599	5.00 100	10.0 200	20.0		50.0
1,1-Dichloroethene	FB	Ave	31529 621565	62259 1193605	119084		297590	5.00 100	10.0 200	20.0		50.0
Acetone	FB	Ave	55932 1167851	114925 2236403	228537		584826	25.0 500	50.0 1000	100		250
Iodomethane	FB	Ave	57469 1135455	111101 2209043	218117		553307	5.00 100	10.0 200	20.0		50.0
Carbon disulfide	FB	Ave	111491 2454233	223824 4758090	449217		1162261	5.00 100	10.0 200	20.0		50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	132666 2883147	278378 5265155	551619		1428331	25.0 500	50.0 1000	100		250
Allyl chloride	FB	Ave	56315 1128520	112126 2179051	218348		545556	5.00 100	10.0 200	20.0		50.0
Methylene Chloride	FB	Lin1	67315 688688	98806 1322849	167328		364709	5.00 100	10.0 200	20.0		50.0
2-Methyl-2-propanol	FB	Ave	23890 630680	48465 1275279	97969		293685	50.0 1000	100 2000	200		500
Methyl tert-butyl ether	FB	Ave	90230 1953402	183689 3853711	368263		961656	5.00 100	10.0 200	20.0		50.0
trans-1,2-Dichloroethene	FB	Ave	33236 663391	65606 1293141	127472		318539	5.00 100	10.0 200	20.0		50.0
Acrylonitrile	FB	Ave	115096 2530721	249337 4616878	490662	57883	1279953	50.0 1000	100 2000	200	25.0	500
Hexane	FB	Ave	70681 1057212	123042 2016388	228681		507968	5.00 100	10.0 200	20.0		50.0
Vinyl acetate	FB	Ave	84511 2264445	183175 4448416	379450		1081922	10.0 200	20.0 400	40.0		100
1,1-Dichloroethane	FB	Ave	61530 1197128	118411 2331757	234636		586123	5.00 100	10.0 200	20.0		50.0
2-Butanone (MEK)	FB	Ave	79782 1812323	169400 3319673	336270		914592	25.0 500	50.0 1000	100		250
2,2-Dichloropropane	FB	Ave	38752 910184	80462 1777499	163789		427243	5.00 100	10.0 200	20.0		50.0
cis-1,2-Dichloroethene	FB	Ave	35453 701969	70607 1389712	136357		343215	5.00 100	10.0 200	20.0		50.0
Chlorobromomethane	FB	Ave	17361 354415	34047 708070	69043		176195	5.00 100	10.0 200	20.0		50.0
Tetrahydrofuran	FB	Ave	21792 475782	45362 879439	89407		242341	10.0 200	20.0 400	40.0		100
Chloroform	FB	Ave	58830 1130000	111835 2225646	219468		550620	5.00 100	10.0 200	20.0		50.0
1,1,1-Trichloroethane	FB	Ave	40147 949498	83557 1877931	167454		436051	5.00 100	10.0 200	20.0		50.0
Cyclohexane	FB	Ave	54683 1112055	105808 2089128	206562		509211	5.00 100	10.0 200	20.0		50.0
1,1-Dichloropropene	FB	Ave	43092 873000	83845 1701507	164352		414821	5.00 100	10.0 200	20.0		50.0
Carbon tetrachloride	FB	Ave	33761 866922	67793 1771007	140499		378806	5.00 100	10.0 200	20.0		50.0
Isobutyl alcohol	FB	Lin1	26147 829502	55849 1694000	107290		356104	125 2500	250 5000	500		1250

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzene	FB	Ave	133460 2592626	258297 4989394	503399		1271203	5.00 100	10.0 200	20.0		50.0
1,2-Dichloroethane	FB	Ave	45445 925826	90876 1803699	181348		460750	5.00 100	10.0 200	20.0		50.0
n-Heptane	FB	Ave	54276 1124338	107001 2140246	207204		515213	5.00 100	10.0 200	20.0		50.0
Trichloroethene	FB	Ave	31868 657304	63419 1294546	125654		317960	5.00 100	10.0 200	20.0		50.0
Methylcyclohexane	FB	Ave	55857 1185492	109185 2254640	217799		540788	5.00 100	10.0 200	20.0		50.0
1,2-Dichloropropane	FB	Ave	31762 639456	63424 1260143	124535		314985	5.00 100	10.0 200	20.0		50.0
1,4-Dioxane	CBZ	Ave	5130 158933	14996 301017	28673		79059	100 2000	200 4000	400		1000
Dibromomethane	FB	Ave	19025 397547	37436 787456	75474		197750	5.00 100	10.0 200	20.0		50.0
Bromodichloromethane	FB	Ave	31893 810595	65023 1693191	136804		375138	5.00 100	10.0 200	20.0		50.0
2-Chloroethyl vinyl ether	FB	Ave	18752 434910	39347 851509	81115		213483	5.00 100	10.0 200	20.0		50.0
cis-1,3-Dichloropropene	FB	Ave	43450 1031723	88711 2071350	183533		490666	5.00 100	10.0 200	20.0		50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	154338 3484243	326494 6293720	658656		1780490	25.0 500	50.0 1000	100		250
Toluene	CBZ	Ave	80858 1594917	159292 3131688	311194		778705	5.00 100	10.0 200	20.0		50.0
Ethyl methacrylate	CBZ	Ave	31062 891534	71778 1759146	153132		426636	5.00 100	10.0 200	20.0		50.0
trans-1,3-Dichloropropene	CBZ	Ave	34758 906806	74697 1834429	161071		432478	5.00 100	10.0 200	20.0		50.0
1,1,2-Trichloroethane	CBZ	Ave	22084 456621	44035 896168	88310		224928	5.00 100	10.0 200	20.0		50.0
Tetrachloroethene	CBZ	Ave	35929 716068	70315 1397343	135468		338662	5.00 100	10.0 200	20.0		50.0
1,3-Dichloropropane	CBZ	Ave	46904 981795	98727 1919198	192679		492637	5.00 100	10.0 200	20.0		50.0
2-Hexanone	CBZ	Ave	102571 2551807	237423 4608014	456840		1283180	25.0 500	50.0 1000	100		250
Dibromochloromethane	CBZ	Lin1	17948 593177	38915 1280135	86478		261724	5.00 100	10.0 200	20.0		50.0
1,2-Dibromoethane	CBZ	Ave	26348 581717	54549 1145432	111401		285730	5.00 100	10.0 200	20.0		50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBZ	Ave	91826 1743896	178293 3417204	344632		862603	5.00 100	10.0 200	20.0		50.0
Ethylbenzene	CBZ	Ave	151047 2960461	298378 5706500	575492		1445185	5.00 100	10.0 200	20.0		50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	22756 609362	47839 1260542	101859		279081	5.00 100	10.0 200	20.0		50.0
m,p-Xylene	CBZ	Ave	59490 1192989	117849 2362545	232262		574961	5.00 100	10.0 200	20.0		50.0
o-Xylene	CBZ	Ave	57519 1154645	112774 2301339	223216		560020	5.00 100	10.0 200	20.0		50.0
Styrene	CBZ	Ave	95158 1996604	193409 3966574	383181		971354	5.00 100	10.0 200	20.0		50.0
Bromoform	CBZ	Lin	9733 378040	20900 849519	47889		154129	5.00 100	10.0 200	20.0		50.0
Isopropylbenzene	DCB	Ave	146350 2951647	289617 5671035	565779		1411936	5.00 100	10.0 200	20.0		50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	32360 745619	67404 1452634	138139		361320	5.00 100	10.0 200	20.0		50.0
Bromobenzene	DCB	Ave	39378 777786	75939 1539327	150709		381251	5.00 100	10.0 200	20.0		50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	9590 242628	19995 463743	42283		116170	5.00 100	10.0 200	20.0		50.0
N-Propylbenzene	DCB	Ave	175537 3461990	343511 6559855	671328		1674669	5.00 100	10.0 200	20.0		50.0
1,2,3-Trichloropropane	DCB	Ave	10821 244078	23978 472654	46708		120371	5.00 100	10.0 200	20.0		50.0
2-Chlorotoluene	DCB	Ave	37944 727975	73697 1449090	142496		351246	5.00 100	10.0 200	20.0		50.0
1,3,5-Trimethylbenzene	DCB	Ave	120957 2489623	243625 4823624	477770		1199329	5.00 100	10.0 200	20.0		50.0
4-Chlorotoluene	DCB	Ave	37302 758650	74914 1513627	145351		369420	5.00 100	10.0 200	20.0		50.0
tert-Butylbenzene	DCB	Ave	25638 566322	53645 1125902	106410		266782	5.00 100	10.0 200	20.0		50.0
1,2,4-Trimethylbenzene	DCB	Ave	126373 2546606	250265 4974008	493284		1235233	5.00 100	10.0 200	20.0		50.0
sec-Butylbenzene	DCB	Ave	154134 3177253	309642 6032790	606125		1491855	5.00 100	10.0 200	20.0		50.0
4-Isopropyltoluene	DCB	Ave	135088 2809702	270953 5404588	531382		1327167	5.00 100	10.0 200	20.0		50.0
1,3-Dichlorobenzene	DCB	Ave	71769 1431745	142367 2859981	280477		700287	5.00 100	10.0 200	20.0		50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 191084

SDG No.:

Instrument ID: HP5973F GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2014 17:44 Calibration End Date: 07/02/2014 20:18 Calibration ID: 19203

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCB	Ave	71725 1442883	144961 2873004	283331		703286	5.00 100	10.0 200	20.0		50.0
n-Butylbenzene	DCB	Ave	118279 2493137	239888 4774203	470408		1169559	5.00 100	10.0 200	20.0		50.0
1,2-Dichlorobenzene	DCB	Ave	67878 1368342	136345 2713144	269936		667295	5.00 100	10.0 200	20.0		50.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1	4113 145284	9247 297720	20425		64348	5.00 100	10.0 200	20.0		50.0
1,2,4-Trichlorobenzene	DCB	Ave	43096 965726	92521 1922765	187447		465364	5.00 100	10.0 200	20.0		50.0
Hexachlorobutadiene	DCB	Ave	26753 559814	54919 1085605	107248		252879	5.00 100	10.0 200	20.0		50.0
Naphthalene	DCB	Ave	102109 2479357	223257 4704978	460051		1188542	5.00 100	10.0 200	20.0		50.0
1,2,3-Trichlorobenzene	DCB	Ave	41264 904221	86394 1780822	175156		433586	5.00 100	10.0 200	20.0		50.0
Dibromofluoromethane (Surr)	FB	Ave	239974 249776	241965 257503	247758	240535	250637	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	155076 159574	155793 158933	157927	154454	158287	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	972653 976239	962976 977171	973627	961410	974885	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	320362 323993	320652 329559	325227	315181	326217	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9668.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Jul-2014 17:44:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0033494-003 =480-0033494-003
Operator ID: RAS Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 03-Jul-2014 07:55:52 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: sobolr Date: 03-Jul-2014 07:55:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	98	229193	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	86	465560	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	95	434454	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	93	240535	50.0	49.6	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	154454	50.0	50.1	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	961410	50.0	49.9	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	93	315181	50.0	49.2	
10 Dichlorodifluoromethane	85		1.958					ND	
12 Chloromethane	50		2.116					ND	
13 Vinyl chloride	62		2.232					ND	
151 Butadiene	54		2.238					ND	
14 Bromomethane	94		2.524					ND	
15 Chloroethane	64		2.585					ND	
16 Dichlorofluoromethane	67		2.761					ND	
17 Trichlorofluoromethane	101		2.816					ND	
18 Ethyl ether	59		2.980					ND	
20 Acrolein	56		3.138					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.175					ND	
22 1,1-Dichloroethene	96		3.211					ND	
23 Acetone	43		3.254					ND	
25 Iodomethane	142		3.363					ND	
26 Carbon disulfide	76		3.430					ND	
28 3-Chloro-1-propene	41		3.473					ND	
27 Methyl acetate	43		3.473					ND	
30 Methylene Chloride	84		3.595					ND	
31 2-Methyl-2-propanol	59		3.643					ND	
32 Methyl tert-butyl ether	73		3.741					ND	
34 trans-1,2-Dichloroethene	96		3.777					ND	
33 Acrylonitrile	53	3.801	3.789	0.012	98	57883	25.0	24.3	
35 Hexane	57		3.911					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43		4.093					ND	
39 1,1-Dichloroethane	63		4.112					ND	
43 2-Butanone (MEK)	43		4.556					ND	
44 2,2-Dichloropropane	77		4.562					ND	
45 cis-1,2-Dichloroethene	96		4.568					ND	
48 Chlorobromomethane	128		4.775					ND	
49 Tetrahydrofuran	42		4.793					ND	
50 Chloroform	83		4.805					ND	
51 1,1,1-Trichloroethane	97		4.957					ND	
52 Cyclohexane	56		4.982					ND	
54 1,1-Dichloropropene	75		5.073					ND	
55 Carbon tetrachloride	117		5.085					ND	
53 Isobutyl alcohol	43		5.134					ND	
57 Benzene	78		5.261					ND	
58 1,2-Dichloroethane	62		5.298					ND	
59 n-Heptane	43		5.353					ND	
62 Trichloroethene	95		5.785					ND	
64 Methylcyclohexane	83		5.918					ND	
65 1,2-Dichloropropane	63		6.004					ND	
66 1,4-Dioxane	88		6.107					ND	
67 Dibromomethane	93		6.137					ND	
68 Dichlorobromomethane	83		6.247					ND	
69 2-Chloroethyl vinyl ether	63		6.454					ND	
72 cis-1,3-Dichloropropene	75		6.624					ND	
73 4-Methyl-2-pentanone (MIBK	43		6.721					ND	
74 Toluene	92		6.916					ND	
75 Ethyl methacrylate	69		7.135					ND	
77 trans-1,3-Dichloropropene	75		7.141					ND	
79 1,1,2-Trichloroethane	83		7.342					ND	
81 Tetrachloroethene	166		7.439					ND	
82 1,3-Dichloropropane	76		7.506					ND	
80 2-Hexanone	43		7.518					ND	
83 Chlorodibromomethane	129		7.750					ND	
84 Ethylene Dibromide	107		7.877					ND	
87 Chlorobenzene	112		8.328					ND	
88 Ethylbenzene	91		8.388					ND	
89 1,1,1,2-Tetrachloroethane	131		8.407					ND	
90 m-Xylene & p-Xylene	106		8.504					ND	
91 o-Xylene	106		8.942					ND	
92 Styrene	104		8.960					ND	
95 Bromoform	173		9.240					ND	
94 Isopropylbenzene	105		9.307					ND	
97 1,1,2,2-Tetrachloroethane	83		9.678					ND	
101 Bromobenzene	156		9.690					ND	
98 trans-1,4-Dichloro-2-buten	53		9.721					ND	
99 N-Propylbenzene	91		9.721					ND	
100 1,2,3-Trichloropropane	110		9.733					ND	
103 2-Chlorotoluene	126		9.855					ND	
102 1,3,5-Trimethylbenzene	105		9.885					ND	
105 4-Chlorotoluene	126		9.958					ND	
106 tert-Butylbenzene	134		10.207					ND	
107 1,2,4-Trimethylbenzene	105		10.256					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105		10.408					ND	
110 4-Isopropyltoluene	119		10.530					ND	
111 1,3-Dichlorobenzene	146		10.566					ND	
113 1,4-Dichlorobenzene	146		10.651					ND	
115 n-Butylbenzene	91		10.901					ND	
116 1,2-Dichlorobenzene	146		10.992					ND	
117 1,2-Dibromo-3-Chloropropan	75		11.674					ND	
119 1,2,4-Trichlorobenzene	180		12.312					ND	
120 Hexachlorobutadiene	225		12.410					ND	
121 Naphthalene	128		12.543					ND	
122 1,2,3-Trichlorobenzene	180		12.756					ND	
S 123 Total BTEX	1		30.000					0	
S 124 Xylenes, Total	1		30.000					0	
S 125 1,2-Dichloroethene, Total	1		30.000					0	
S 126 1,3-Dichloropropene, Total	1		30.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

8260 CORP mix_00016	Amount Added:	2.50	Units: uL	
GAS CORP mix_00035	Amount Added:	2.50	Units: uL	
F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

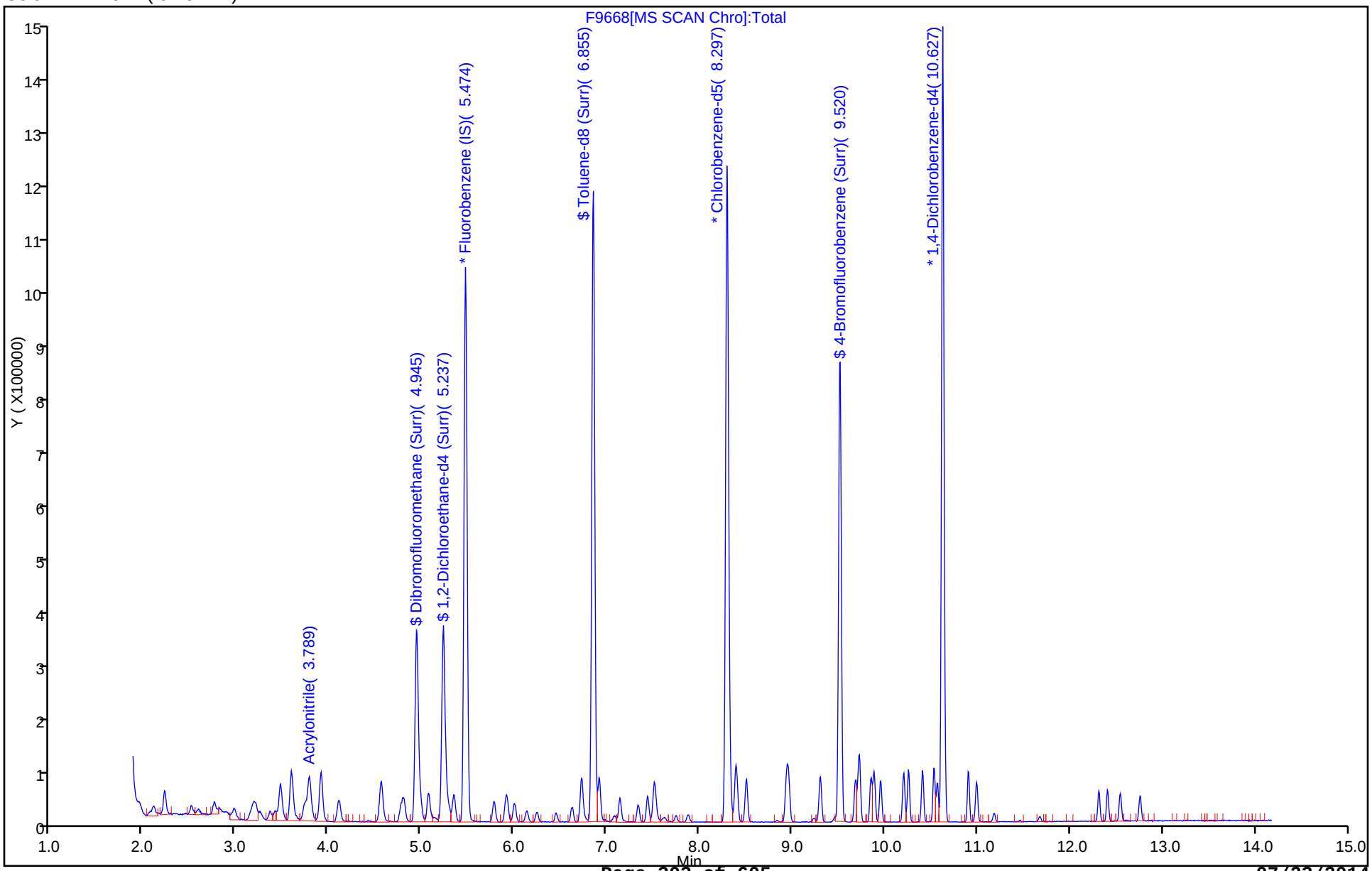
Report Date: 03-Jul-2014 07:55:55 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9668.D

Injection Date:	02-Jul-2014 17:44:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	IC			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9669.D
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Jul-2014 18:10:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0033494-004 =480-0033494-004
Operator ID: RAS Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 03-Jul-2014 08:41:46 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: sobolr Date: 03-Jul-2014 07:59:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	99	232626	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	86	470905	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	95	446665	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	93	239974	50.0	48.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	155076	50.0	49.5	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	972653	50.0	49.9	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	91	320362	50.0	49.5	
10 Dichlorodifluoromethane	85	1.958	1.958	0.000	99	43848	5.00	5.23	
12 Chloromethane	50	2.098	2.116	-0.018	100	36193	5.00	5.39	
13 Vinyl chloride	62	2.220	2.232	-0.012	90	34069	5.00	5.27	
151 Butadiene	54	2.220	2.238	-0.018	95	31315	5.00	5.39	
14 Bromomethane	94	2.506	2.524	-0.018	93	19983	5.00	5.44	
15 Chloroethane	64	2.579	2.585	-0.006	99	18462	5.00	5.64	
16 Dichlorofluoromethane	67	2.749	2.761	-0.012	97	48007	5.00	5.42	
17 Trichlorofluoromethane	101	2.804	2.816	-0.012	97	39273	5.00	5.06	
18 Ethyl ether	59	2.968	2.980	-0.012	89	27274	5.00	5.13	
20 Acrolein	56	3.132	3.138	-0.006	99	21130	25.0	24.8	
21 1,1,2-Trichloro-1,2,2-trif	101	3.175	3.175	0.000	93	31797	5.00	5.04	
22 1,1-Dichloroethene	96	3.205	3.211	-0.006	97	31529	5.00	5.20	
23 Acetone	43	3.248	3.254	-0.006	99	55932	25.0	24.6	
25 Iodomethane	142	3.363	3.363	0.000	99	57469	5.00	5.18	
26 Carbon disulfide	76	3.418	3.430	-0.012	99	111491	5.00	4.86	
27 Methyl acetate	43	3.467	3.473	-0.006	97	132666	25.0	24.2	
28 3-Chloro-1-propene	41	3.473	3.473	0.000	63	56315	5.00	5.12	
30 Methylene Chloride	84	3.589	3.595	-0.007	92	67315	5.00	4.82	
31 2-Methyl-2-propanol	59	3.643	3.643	0.000	95	23890	50.0	43.7	
32 Methyl tert-butyl ether	73	3.728	3.741	-0.013	96	90230	5.00	4.83	
34 trans-1,2-Dichloroethene	96	3.777	3.777	0.000	98	33236	5.00	5.14	
33 Acrylonitrile	53	3.789	3.789	0.000	98	115096	50.0	47.7	
35 Hexane	57	3.911	3.911	0.000	95	70681	5.00	6.21	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.093	4.093	0.000	98	84511	10.0	8.47	
39 1,1-Dichloroethane	63	4.106	4.112	-0.006	97	61530	5.00	5.22	
43 2-Butanone (MEK)	43	4.556	4.556	0.000	99	79782	25.0	23.5	
44 2,2-Dichloropropane	77	4.556	4.562	-0.006	67	38752	5.00	4.64	
45 cis-1,2-Dichloroethene	96	4.562	4.568	-0.006	80	35453	5.00	5.12	
48 Chlorobromomethane	128	4.775	4.775	0.000	93	17361	5.00	5.01	
49 Tetrahydrofuran	42	4.793	4.793	0.000	63	21792	10.0	9.62	
50 Chloroform	83	4.805	4.805	0.000	94	58830	5.00	5.28	
51 1,1,1-Trichloroethane	97	4.951	4.957	-0.006	47	40147	5.00	4.64	
52 Cyclohexane	56	4.976	4.982	-0.006	92	54683	5.00	5.20	
54 1,1-Dichloropropene	75	5.067	5.073	-0.006	94	43092	5.00	5.13	
55 Carbon tetrachloride	117	5.079	5.085	-0.006	81	33761	5.00	4.47	
53 Isobutyl alcohol	43	5.140	5.134	0.006	89	26147	125.0	155.3	
57 Benzene	78	5.255	5.261	-0.006	94	133460	5.00	5.24	
58 1,2-Dichloroethane	62	5.292	5.298	-0.006	94	45445	5.00	5.02	
59 n-Heptane	43	5.347	5.353	-0.006	91	54276	5.00	5.11	
62 Trichloroethene	95	5.779	5.785	-0.006	96	31868	5.00	5.01	
64 Methylcyclohexane	83	5.912	5.918	-0.006	90	55857	5.00	5.04	
65 1,2-Dichloropropane	63	5.998	6.004	-0.006	91	31762	5.00	5.06	
66 1,4-Dioxane	88	6.113	6.107	0.006	27	5130	100.0	71.2	
67 Dibromomethane	93	6.131	6.137	-0.006	95	19025	5.00	4.96	
68 Dichlorobromomethane	83	6.247	6.247	0.000	99	31893	5.00	4.40	
69 2-Chloroethyl vinyl ether	63	6.448	6.454	-0.006	92	18752	5.00	4.60	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	94	43450	5.00	4.59	
73 4-Methyl-2-pentanone (MIBK	43	6.728	6.721	0.007	97	154338	25.0	23.3	
74 Toluene	92	6.916	6.916	0.000	98	80858	5.00	5.11	
75 Ethyl methacrylate	69	7.141	7.135	0.006	72	31062	5.00	3.94	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	93	34758	5.00	4.22	
79 1,1,2-Trichloroethane	83	7.336	7.342	-0.006	95	22084	5.00	4.94	
81 Tetrachloroethene	166	7.445	7.439	0.006	97	35929	5.00	5.14	
82 1,3-Dichloropropane	76	7.506	7.506	0.000	97	46904	5.00	4.83	
80 2-Hexanone	43	7.518	7.518	0.000	97	102571	25.0	21.7	
83 Chlorodibromomethane	129	7.750	7.750	0.000	91	17948	5.00	6.23	
84 Ethylene Dibromide	107	7.877	7.877	0.000	97	26348	5.00	4.71	
87 Chlorobenzene	112	8.334	8.328	0.006	96	91826	5.00	5.23	
88 Ethylbenzene	91	8.395	8.388	0.007	98	151047	5.00	5.15	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	88	22756	5.00	4.21	
90 m-Xylene & p-Xylene	106	8.510	8.504	0.006	0	59490	5.00	5.05	
91 o-Xylene	106	8.936	8.942	-0.006	97	57519	5.00	5.05	
92 Styrene	104	8.966	8.960	0.006	94	95158	5.00	4.88	
95 Bromoform	173	9.240	9.240	0.000	97	9733	5.00	10.2	
94 Isopropylbenzene	105	9.307	9.307	0.000	96	146350	5.00	5.21	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	97	32360	5.00	4.73	
101 Bromobenzene	156	9.690	9.690	0.000	92	39378	5.00	5.25	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	60	9590	5.00	4.50	
99 N-Propylbenzene	91	9.721	9.721	0.000	99	175537	5.00	5.29	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	83	10821	5.00	4.71	
103 2-Chlorotoluene	126	9.855	9.855	0.000	97	37944	5.00	5.34	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	94	120957	5.00	5.11	
105 4-Chlorotoluene	126	9.958	9.958	0.000	98	37302	5.00	5.12	
106 tert-Butylbenzene	134	10.207	10.207	0.000	93	25638	5.00	4.86	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	126373	5.00	5.18	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	94	154134	5.00	5.15	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	97	135088	5.00	5.11	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	96	71769	5.00	5.17	
113 1,4-Dichlorobenzene	146	10.652	10.651	0.001	95	71725	5.00	5.13	
115 n-Butylbenzene	91	10.901	10.901	0.000	98	118279	5.00	5.07	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	67878	5.00	5.13	
117 1,2-Dibromo-3-Chloropropan	75	11.667	11.674	-0.007	75	4113	5.00	5.99	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	95	43096	5.00	4.75	
120 Hexachlorobutadiene	225	12.404	12.410	-0.006	98	26753	5.00	5.09	
121 Naphthalene	128	12.544	12.543	0.001	97	102109	5.00	4.55	
122 1,2,3-Trichlorobenzene	180	12.763	12.756	0.007	95	41264	5.00	4.85	
S 125 1,2-Dichloroethene, Total	1				0			10.3	
S 126 1,3-Dichloropropene, Total	1				0			8.81	
S 123 Total BTEX	1				0			25.6	
S 124 Xylenes, Total	1				0			10.1	

Reagents:

8260 CORP mix_00016	Amount Added:	5.00	Units: uL	
GAS CORP mix_00035	Amount Added:	5.00	Units: uL	
F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Jul-2014 08:41:47 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9669.D

Injection Date: 02-Jul-2014 18:10:30 Instrument ID: HP5973F Operator ID: RAS

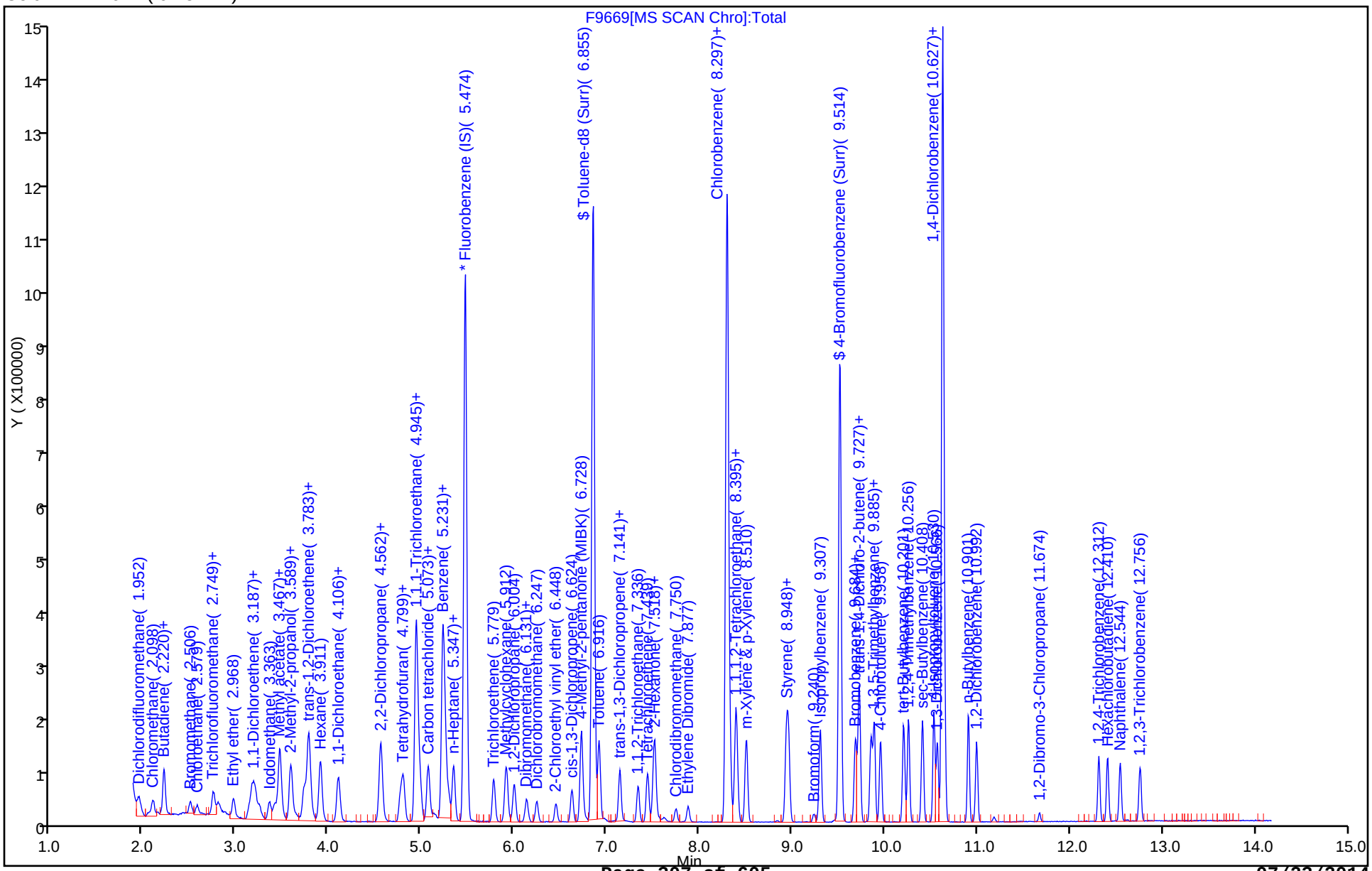
Lims ID: IC 2 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: F-8260 SOIL Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9670.D
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Jul-2014 18:36:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0033494-005 =480-0033494-005
Operator ID: RAS Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 03-Jul-2014 07:59:50 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: sobolr Date: 03-Jul-2014 07:59:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	98	233060	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	86	471796	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	95	452814	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	93	241965	50.0	49.1	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	155793	50.0	49.7	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	962976	50.0	49.3	
$ 6 4-Bromofluorobenzene (Surr	174	9.514	9.520	-0.006	90	320652	50.0	49.4	
10 Dichlorodifluoromethane	85	1.958	1.958	0.000	99	86763	10.0	10.3	
12 Chloromethane	50	2.110	2.116	-0.006	99	71785	10.0	10.7	
13 Vinyl chloride	62	2.226	2.232	-0.006	88	67757	10.0	10.5	
151 Butadiene	54	2.226	2.238	-0.012	97	62251	10.0	10.7	
14 Bromomethane	94	2.512	2.524	-0.012	91	38483	10.0	10.5	
15 Chloroethane	64	2.585	2.585	0.000	98	34796	10.0	10.6	
16 Dichlorofluoromethane	67	2.755	2.761	-0.006	97	92546	10.0	10.4	
17 Trichlorofluoromethane	101	2.810	2.816	-0.006	97	79777	10.0	10.3	
18 Ethyl ether	59	2.974	2.980	-0.006	91	53317	10.0	10.0	
20 Acrolein	56	3.138	3.138	0.000	99	43412	50.0	50.9	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.175	-0.006	91	62680	10.0	9.91	
22 1,1-Dichloroethene	96	3.205	3.211	-0.006	97	62259	10.0	10.3	
23 Acetone	43	3.248	3.254	-0.006	99	114925	50.0	50.5	
25 Iodomethane	142	3.363	3.363	0.000	100	111101	10.0	10.0	
26 Carbon disulfide	76	3.424	3.430	-0.006	100	223824	10.0	9.76	
28 3-Chloro-1-propene	41	3.479	3.473	0.006	81	112126	10.0	10.2	
27 Methyl acetate	43	3.473	3.473	0.000	98	278378	50.0	50.7	
30 Methylene Chloride	84	3.595	3.595	0.000	92	98806	10.0	9.75	
31 2-Methyl-2-propanol	59	3.649	3.643	0.006	97	48465	100.0	88.5	
32 Methyl tert-butyl ether	73	3.741	3.741	0.000	96	183689	10.0	9.82	
34 trans-1,2-Dichloroethene	96	3.777	3.777	0.000	98	65606	10.0	10.1	
33 Acrylonitrile	53	3.789	3.789	0.000	98	249337	100.0	103.1	
35 Hexane	57	3.911	3.911	0.000	95	123042	10.0	10.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.093	4.093	0.000	98	183175	20.0	18.3	
39 1,1-Dichloroethane	63	4.112	4.112	0.000	96	118411	10.0	10.0	
43 2-Butanone (MEK)	43	4.562	4.556	0.006	99	169400	50.0	49.7	
44 2,2-Dichloropropane	77	4.562	4.562	0.000	62	80462	10.0	9.61	
45 cis-1,2-Dichloroethene	96	4.568	4.568	0.000	79	70607	10.0	10.2	
48 Chlorobromomethane	128	4.775	4.775	0.000	93	34047	10.0	9.81	
49 Tetrahydrofuran	42	4.793	4.793	0.000	87	45362	20.0	20.0	
50 Chloroform	83	4.805	4.805	0.000	93	111835	10.0	10.0	
51 1,1,1-Trichloroethane	97	4.951	4.957	-0.006	55	83557	10.0	9.63	
52 Cyclohexane	56	4.982	4.982	0.000	91	105808	10.0	10.0	
54 1,1-Dichloropropene	75	5.073	5.073	0.000	96	83845	10.0	9.96	
55 Carbon tetrachloride	117	5.079	5.085	-0.006	97	67793	10.0	8.96	
53 Isobutyl alcohol	43	5.140	5.134	0.006	89	55849	250.0	245.4	
57 Benzene	78	5.261	5.261	0.000	96	258297	10.0	10.1	
58 1,2-Dichloroethane	62	5.298	5.298	0.000	96	90876	10.0	10.0	
59 n-Heptane	43	5.347	5.353	-0.006	93	107001	10.0	10.1	
62 Trichloroethene	95	5.779	5.785	-0.006	96	63419	10.0	9.96	
64 Methylcyclohexane	83	5.919	5.918	0.001	90	109185	10.0	9.84	
65 1,2-Dichloropropane	63	6.004	6.004	0.000	93	63424	10.0	10.1	
66 1,4-Dioxane	88	6.113	6.107	0.006	93	14996	200.0	207.7	
67 Dibromomethane	93	6.138	6.137	0.001	93	37436	10.0	9.74	
68 Dichlorobromomethane	83	6.241	6.247	-0.006	99	65023	10.0	8.96	
69 2-Chloroethyl vinyl ether	63	6.454	6.454	0.000	93	39347	10.0	9.64	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	94	88711	10.0	9.35	
73 4-Methyl-2-pentanone (MIBK	43	6.728	6.721	0.007	97	326494	50.0	49.2	
74 Toluene	92	6.916	6.916	0.000	98	159292	10.0	10.0	
75 Ethyl methacrylate	69	7.141	7.135	0.006	90	71778	10.0	9.08	
77 trans-1,3-Dichloropropene	75	7.147	7.141	0.006	97	74697	10.0	9.05	
79 1,1,2-Trichloroethane	83	7.336	7.342	-0.006	93	44035	10.0	9.83	
81 Tetrachloroethene	166	7.439	7.439	0.000	97	70315	10.0	10.0	
82 1,3-Dichloropropane	76	7.506	7.506	0.000	98	98727	10.0	10.2	
80 2-Hexanone	43	7.519	7.518	0.000	96	237423	50.0	50.2	
83 Chlorodibromomethane	129	7.750	7.750	0.000	90	38915	10.0	9.57	
84 Ethylene Dibromide	107	7.877	7.877	0.000	96	54549	10.0	9.72	
87 Chlorobenzene	112	8.328	8.328	0.000	96	178293	10.0	10.1	
88 Ethylbenzene	91	8.395	8.388	0.007	98	298378	10.0	10.1	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	90	47839	10.0	8.83	
90 m-Xylene & p-Xylene	106	8.504	8.504	0.000	0	117849	10.0	10.0	
91 o-Xylene	106	8.942	8.942	0.000	95	112774	10.0	9.89	
92 Styrene	104	8.960	8.960	0.000	94	193409	10.0	9.91	
95 Bromoform	173	9.234	9.240	-0.006	97	20900	10.0	12.8	
94 Isopropylbenzene	105	9.307	9.307	0.000	96	289617	10.0	10.2	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	97	67404	10.0	9.72	
101 Bromobenzene	156	9.690	9.690	0.000	92	75939	10.0	9.98	
98 trans-1,4-Dichloro-2-buten	53	9.727	9.721	0.006	59	19995	10.0	9.26	
99 N-Propylbenzene	91	9.721	9.721	0.000	99	343511	10.0	10.2	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	83	23978	10.0	10.3	
103 2-Chlorotoluene	126	9.855	9.855	0.000	97	73697	10.0	10.2	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	95	243625	10.0	10.2	
105 4-Chlorotoluene	126	9.958	9.958	0.000	98	74914	10.0	10.1	
106 tert-Butylbenzene	134	10.207	10.207	0.000	93	53645	10.0	10.0	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	97	250265	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	94	309642	10.0	10.2	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	97	270953	10.0	10.1	
111 1,3-Dichlorobenzene	146	10.572	10.566	0.006	97	142367	10.0	10.1	
113 1,4-Dichlorobenzene	146	10.652	10.651	0.001	95	144961	10.0	10.2	
115 n-Butylbenzene	91	10.907	10.901	0.006	98	239888	10.0	10.1	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	136345	10.0	10.2	
117 1,2-Dibromo-3-Chloropropan	75	11.674	11.674	0.000	74	9247	10.0	9.53	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	94	92521	10.0	10.0	
120 Hexachlorobutadiene	225	12.410	12.410	0.000	98	54919	10.0	10.3	
121 Naphthalene	128	12.544	12.543	0.001	97	223257	10.0	9.82	
122 1,2,3-Trichlorobenzene	180	12.756	12.756	0.000	96	86394	10.0	10.0	
S 123 Total BTEX	1				0			50.2	
S 124 Xylenes, Total	1				0			19.9	
S 125 1,2-Dichloroethene, Total	1				0			20.3	
S 126 1,3-Dichloropropene, Total	1				0			18.4	

Reagents:

8260 CORP mix_00016	Amount Added: 10.00	Units: uL	
GAS CORP mix_00035	Amount Added: 10.00	Units: uL	
F 8260 SURR_00103	Amount Added: 1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added: 1.00	Units: uL	Run Reagent

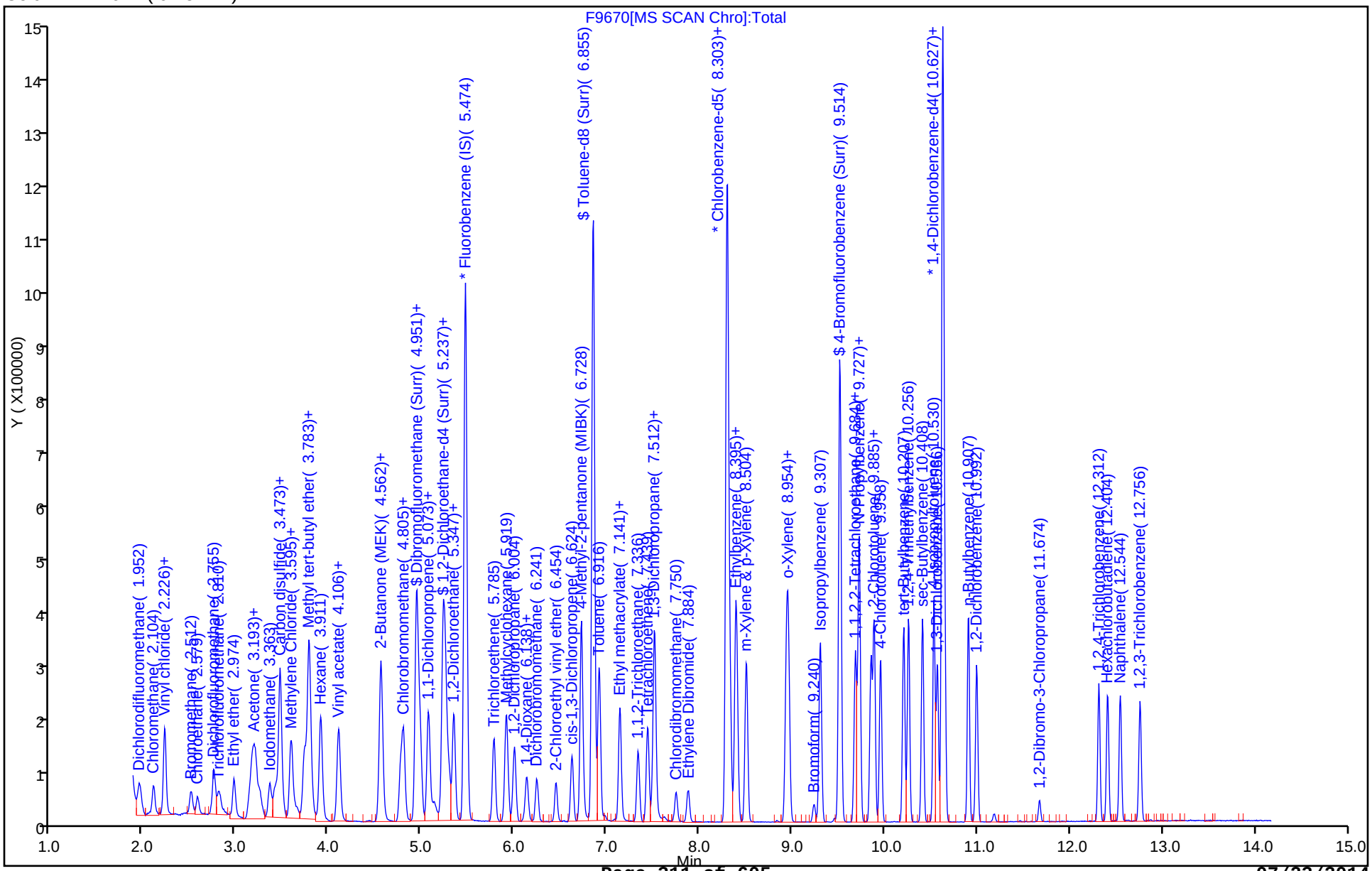
Report Date: 03-Jul-2014 07:59:50 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9670.D

Injection Date:	02-Jul-2014 18:36:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	IC 3			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9671.D
Lims ID: IC 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 02-Jul-2014 19:01:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 4
Misc. Info.: 480-0033494-006 =480-0033494-006
Operator ID: RAS Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 03-Jul-2014 08:00:37 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: sobolr Date: 03-Jul-2014 08:00:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	98	230298	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	87	469284	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	95	452442	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	93	247758	50.0	50.9	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	157927	50.0	51.0	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	973627	50.0	50.2	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	91	325227	50.0	50.4	
10 Dichlorodifluoromethane	85	1.952	1.958	-0.006	99	178539	20.0	21.5	
12 Chloromethane	50	2.110	2.116	-0.006	99	139110	20.0	20.9	
13 Vinyl chloride	62	2.232	2.232	0.000	98	133083	20.0	20.8	
151 Butadiene	54	2.232	2.238	-0.006	96	121263	20.0	21.1	
14 Bromomethane	94	2.512	2.524	-0.012	92	77770	20.0	21.4	
15 Chloroethane	64	2.585	2.585	0.000	99	68036	20.0	21.0	
16 Dichlorofluoromethane	67	2.761	2.761	0.000	96	177368	20.0	20.2	
17 Trichlorofluoromethane	101	2.810	2.816	-0.006	99	161583	20.0	21.0	
18 Ethyl ether	59	2.974	2.980	-0.006	91	105310	20.0	20.0	
20 Acrolein	56	3.144	3.138	0.006	99	82719	100.0	98.2	
21 1,1,2-Trichloro-1,2,2-trif	101	3.175	3.175	0.000	94	124369	20.0	19.9	
22 1,1-Dichloroethene	96	3.205	3.211	-0.006	96	119084	20.0	19.8	
23 Acetone	43	3.254	3.254	0.000	99	228537	100.0	101.6	
25 Iodomethane	142	3.363	3.363	0.000	99	218117	20.0	19.9	
26 Carbon disulfide	76	3.424	3.430	-0.006	99	449217	20.0	19.8	
28 3-Chloro-1-propene	41	3.473	3.473	0.000	80	218348	20.0	20.0	
27 Methyl acetate	43	3.473	3.473	0.000	98	551619	100.0	101.6	
30 Methylene Chloride	84	3.594	3.595	-0.001	92	167328	20.0	20.8	
31 2-Methyl-2-propanol	59	3.655	3.643	0.012	96	97969	200.0	181.0	
32 Methyl tert-butyl ether	73	3.740	3.741	-0.001	96	368263	20.0	19.9	
34 trans-1,2-Dichloroethene	96	3.777	3.777	0.000	98	127472	20.0	19.9	
33 Acrylonitrile	53	3.789	3.789	0.000	98	490662	200.0	205.3	
35 Hexane	57	3.911	3.911	0.000	95	228681	20.0	20.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.093	4.093	0.000	98	379450	40.0	38.4	
39 1,1-Dichloroethane	63	4.112	4.112	0.000	97	234636	20.0	20.1	
43 2-Butanone (MEK)	43	4.556	4.556	0.000	99	336270	100.0	99.9	
44 2,2-Dichloropropane	77	4.556	4.562	-0.006	59	163789	20.0	19.8	
45 cis-1,2-Dichloroethene	96	4.568	4.568	0.000	82	136357	20.0	19.9	
48 Chlorobromomethane	128	4.775	4.775	0.000	96	69043	20.0	20.1	
49 Tetrahydrofuran	42	4.793	4.793	0.000	90	89407	40.0	39.9	
50 Chloroform	83	4.805	4.805	0.000	94	219468	20.0	19.9	
51 1,1,1-Trichloroethane	97	4.951	4.957	-0.006	97	167454	20.0	19.5	
52 Cyclohexane	56	4.982	4.982	0.000	91	206562	20.0	19.8	
54 1,1-Dichloropropene	75	5.073	5.073	0.000	95	164352	20.0	19.8	
55 Carbon tetrachloride	117	5.079	5.085	-0.006	97	140499	20.0	18.8	
53 Isobutyl alcohol	43	5.140	5.134	0.006	93	107290	500.0	405.6	
57 Benzene	78	5.261	5.261	0.000	96	503399	20.0	19.9	
58 1,2-Dichloroethane	62	5.298	5.298	0.000	97	181348	20.0	20.2	
59 n-Heptane	43	5.347	5.353	-0.006	92	207204	20.0	19.7	
62 Trichloroethene	95	5.778	5.785	-0.007	97	125654	20.0	20.0	
64 Methylcyclohexane	83	5.918	5.918	0.000	90	217799	20.0	19.9	
65 1,2-Dichloropropane	63	6.004	6.004	0.000	93	124535	20.0	20.0	
66 1,4-Dioxane	88	6.113	6.107	0.006	93	28673	400.0	399.3	
67 Dibromomethane	93	6.137	6.137	0.000	94	75474	20.0	19.9	
68 Dichlorobromomethane	83	6.247	6.247	0.000	99	136804	20.0	19.1	
69 2-Chloroethyl vinyl ether	63	6.454	6.454	0.000	93	81115	20.0	20.1	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	94	183533	20.0	19.6	
73 4-Methyl-2-pentanone (MIBK	43	6.721	6.721	0.000	97	658656	100.0	99.8	
74 Toluene	92	6.916	6.916	0.000	98	311194	20.0	19.7	
75 Ethyl methacrylate	69	7.141	7.135	0.006	87	153132	20.0	19.5	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	95	161071	20.0	19.6	
79 1,1,2-Trichloroethane	83	7.336	7.342	-0.006	92	88310	20.0	19.8	
81 Tetrachloroethene	166	7.445	7.439	0.006	97	135468	20.0	19.4	
82 1,3-Dichloropropane	76	7.506	7.506	0.000	95	192679	20.0	19.9	
80 2-Hexanone	43	7.518	7.518	0.000	96	456840	100.0	97.2	
83 Chlorodibromomethane	129	7.750	7.750	0.000	90	86478	20.0	17.2	
84 Ethylene Dibromide	107	7.877	7.877	0.000	98	111401	20.0	20.0	
87 Chlorobenzene	112	8.327	8.328	-0.001	95	344632	20.0	19.7	
88 Ethylbenzene	91	8.394	8.388	0.006	98	575492	20.0	19.7	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	92	101859	20.0	18.9	
90 m-Xylene & p-Xylene	106	8.504	8.504	0.000	0	232262	20.0	19.8	
91 o-Xylene	106	8.942	8.942	0.000	95	223216	20.0	19.7	
92 Styrene	104	8.960	8.960	0.000	95	383181	20.0	19.7	
95 Bromoform	173	9.240	9.240	0.000	97	47889	20.0	19.1	
94 Isopropylbenzene	105	9.307	9.307	0.000	96	565779	20.0	19.9	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	97	138139	20.0	19.9	
101 Bromobenzene	156	9.690	9.690	0.000	92	150709	20.0	19.8	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	60	42283	20.0	19.6	
99 N-Propylbenzene	91	9.727	9.721	0.006	98	671328	20.0	20.0	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	83	46708	20.0	20.1	
103 2-Chlorotoluene	126	9.854	9.855	-0.001	97	142496	20.0	19.8	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	94	477770	20.0	19.9	
105 4-Chlorotoluene	126	9.958	9.958	0.000	98	145351	20.0	19.7	
106 tert-Butylbenzene	134	10.207	10.207	0.000	93	106410	20.0	19.9	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	493284	20.0	19.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	94	606125	20.0	20.0	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	96	531382	20.0	19.9	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	97	280477	20.0	20.0	
113 1,4-Dichlorobenzene	146	10.651	10.651	0.000	95	283331	20.0	20.0	
115 n-Butylbenzene	91	10.901	10.901	0.000	98	470408	20.0	19.9	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	269936	20.0	20.1	
117 1,2-Dibromo-3-Chloropropan	75	11.667	11.674	-0.007	79	20425	20.0	17.3	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	94	187447	20.0	20.4	
120 Hexachlorobutadiene	225	12.403	12.410	-0.007	97	107248	20.0	20.1	
121 Naphthalene	128	12.543	12.543	0.000	97	460051	20.0	20.3	
122 1,2,3-Trichlorobenzene	180	12.756	12.756	0.000	96	175156	20.0	20.3	
S 123 Total BTEX	1				0			98.8	
S 124 Xylenes, Total	1				0			39.5	
S 125 1,2-Dichloroethene, Total	1				0			39.8	
S 126 1,3-Dichloropropene, Total	1				0			39.2	

Reagents:

8260 CORP mix_00016	Amount Added: 10.00	Units: uL	
GAS CORP mix_00035	Amount Added: 10.00	Units: uL	
F 8260 SURR_00103	Amount Added: 1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added: 1.00	Units: uL	Run Reagent

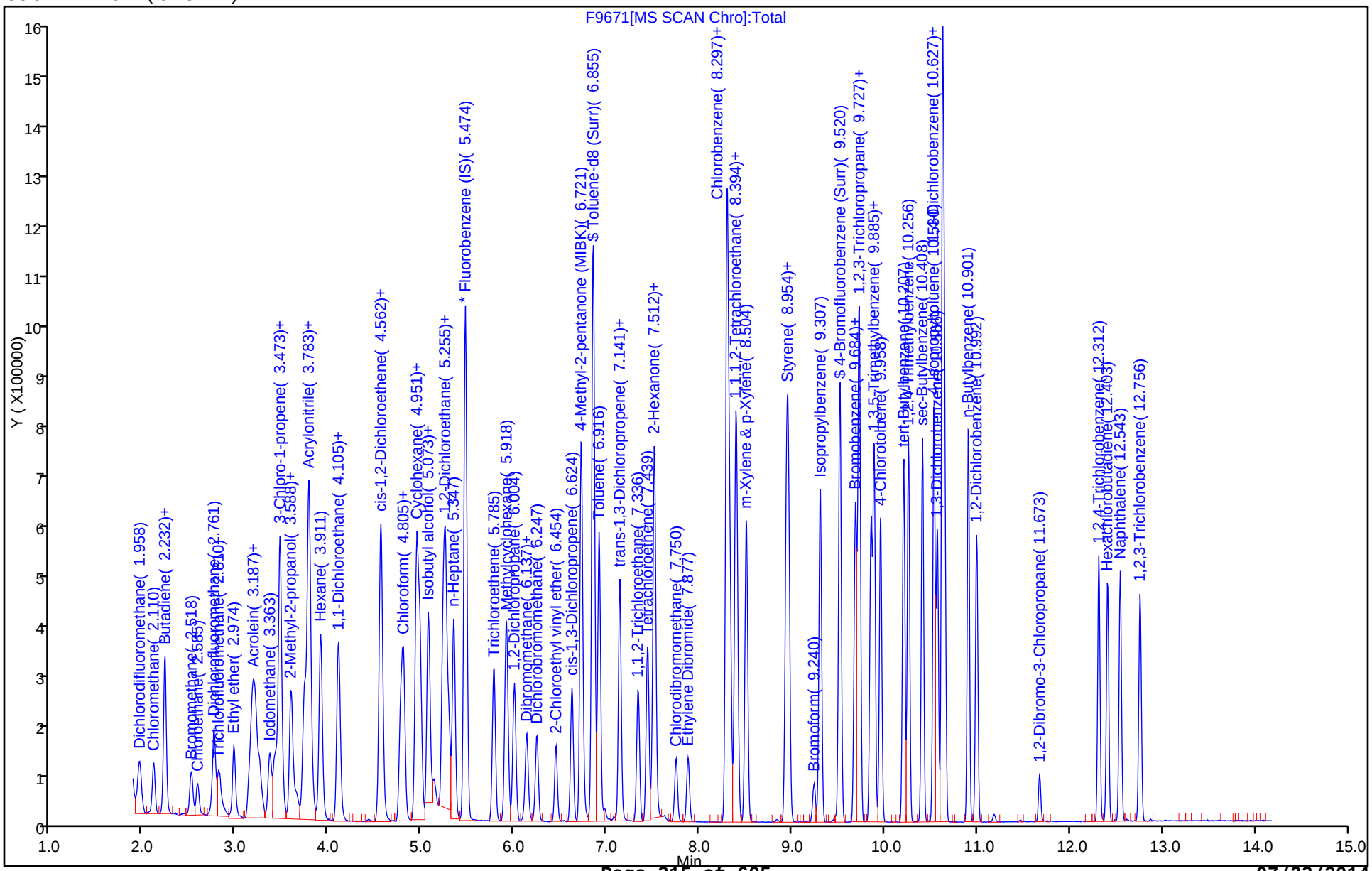
Report Date: 03-Jul-2014 08:00:39 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9671.D

Injection Date:	02-Jul-2014 19:01:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	IC 4			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9672.D
Lims ID: ICIS 5
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 02-Jul-2014 19:27:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 5
Misc. Info.: 480-0033494-007 =480-0033494-007
Operator ID: RAS Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 03-Jul-2014 07:55:13 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: sobolr Date: 03-Jul-2014 07:55:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	98	234575	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	86	469434	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	76	457386	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	73	250637	50.0	50.5	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	158287	50.0	50.1	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	92	974885	50.0	50.2	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	91	326217	50.0	50.5	
10 Dichlorodifluoromethane	85	1.958	1.958	0.000	88	407825	50.0	48.3	
12 Chloromethane	50	2.116	2.116	0.000	89	325079	50.0	48.0	
13 Vinyl chloride	62	2.232	2.232	0.000	83	313285	50.0	48.1	
151 Butadiene	54	2.238	2.238	0.000	95	280320	50.0	47.8	
14 Bromomethane	94	2.524	2.524	0.000	92	173028	50.0	46.8	
15 Chloroethane	64	2.585	2.585	0.000	95	154453	50.0	46.8	
16 Dichlorofluoromethane	67	2.761	2.761	0.000	98	427961	50.0	47.9	
17 Trichlorofluoromethane	101	2.816	2.816	0.000	86	374829	50.0	47.9	
18 Ethyl ether	59	2.980	2.980	0.000	90	272043	50.0	50.7	
20 Acrolein	56	3.138	3.138	0.000	94	218778	250.0	255.0	
21 1,1,2-Trichloro-1,2,2-trif	101	3.175	3.175	0.000	93	314599	50.0	49.4	
22 1,1-Dichloroethene	96	3.211	3.211	0.000	84	297590	50.0	48.7	
23 Acetone	43	3.254	3.254	0.000	96	584826	250.0	255.2	
25 Iodomethane	142	3.363	3.363	0.000	99	553307	50.0	49.5	
26 Carbon disulfide	76	3.430	3.430	0.000	99	1162261	50.0	50.3	
28 3-Chloro-1-propene	41	3.473	3.473	0.000	42	545556	50.0	49.2	
27 Methyl acetate	43	3.473	3.473	0.000	97	1428331	250.0	258.3	
30 Methylene Chloride	84	3.595	3.595	0.000	85	364709	50.0	51.2	
31 2-Methyl-2-propanol	59	3.643	3.643	0.000	94	293685	500.0	532.6	
32 Methyl tert-butyl ether	73	3.741	3.741	0.000	88	961656	50.0	51.1	
34 trans-1,2-Dichloroethene	96	3.777	3.777	0.000	68	318539	50.0	48.9	
33 Acrylonitrile	53	3.789	3.789	0.000	98	1279953	500.0	525.9	
35 Hexane	57	3.911	3.911	0.000	91	507968	50.0	44.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.093	4.093	0.000	98	1081922	100.0	107.5	
39 1,1-Dichloroethane	63	4.112	4.112	0.000	77	586123	50.0	49.3	
43 2-Butanone (MEK)	43	4.556	4.556	0.000	98	914592	250.0	266.8	
44 2,2-Dichloropropane	77	4.562	4.562	0.000	57	427243	50.0	50.7	
45 cis-1,2-Dichloroethene	96	4.568	4.568	0.000	80	343215	50.0	49.2	
48 Chlorobromomethane	128	4.775	4.775	0.000	93	176195	50.0	50.4	
49 Tetrahydrofuran	42	4.793	4.793	0.000	82	242341	100.0	106.1	
50 Chloroform	83	4.805	4.805	0.000	81	550620	50.0	49.0	
51 1,1,1-Trichloroethane	97	4.957	4.957	0.000	96	436051	50.0	49.9	
52 Cyclohexane	56	4.982	4.982	0.000	91	509211	50.0	48.0	
54 1,1-Dichloropropene	75	5.073	5.073	0.000	92	414821	50.0	49.0	
55 Carbon tetrachloride	117	5.085	5.085	0.000	68	378806	50.0	49.8	
53 Isobutyl alcohol	43	5.134	5.134	0.000	68	356104	1250.0	1150.7	
57 Benzene	78	5.261	5.261	0.000	96	1271203	50.0	49.5	
58 1,2-Dichloroethane	62	5.298	5.298	0.000	93	460750	50.0	50.4	
59 n-Heptane	43	5.353	5.353	0.000	90	515213	50.0	48.1	
62 Trichloroethene	95	5.785	5.785	0.000	93	317960	50.0	49.6	
64 Methylcyclohexane	83	5.918	5.918	0.000	90	540788	50.0	48.4	
65 1,2-Dichloropropane	63	6.004	6.004	0.000	91	314985	50.0	49.8	
66 1,4-Dioxane	88	6.107	6.107	0.000	75	79059	1000.0	1100.6	
67 Dibromomethane	93	6.137	6.137	0.000	90	197750	50.0	51.1	
68 Dichlorobromomethane	83	6.247	6.247	0.000	99	375138	50.0	51.4	
69 2-Chloroethyl vinyl ether	63	6.454	6.454	0.000	93	213483	50.0	52.0	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	89	490666	50.0	51.4	
73 4-Methyl-2-pentanone (MIBK	43	6.721	6.721	0.000	97	1780490	250.0	269.7	
74 Toluene	92	6.916	6.916	0.000	94	778705	50.0	49.4	
75 Ethyl methacrylate	69	7.135	7.135	0.000	82	426636	50.0	54.2	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	89	432478	50.0	52.7	
79 1,1,2-Trichloroethane	83	7.342	7.342	0.000	93	224928	50.0	50.5	
81 Tetrachloroethene	166	7.439	7.439	0.000	97	338662	50.0	48.6	
82 1,3-Dichloropropane	76	7.506	7.506	0.000	64	492637	50.0	50.9	
80 2-Hexanone	43	7.518	7.518	0.000	89	1283180	250.0	272.9	
83 Chlorodibromomethane	129	7.750	7.750	0.000	89	261724	50.0	45.4	
84 Ethylene Dibromide	107	7.877	7.877	0.000	98	285730	50.0	51.2	
87 Chlorobenzene	112	8.328	8.328	0.000	92	862603	50.0	49.3	
88 Ethylbenzene	91	8.388	8.388	0.000	56	1445185	50.0	49.4	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	47	279081	50.0	51.8	
90 m-Xylene & p-Xylene	106	8.504	8.504	0.000	0	574961	50.0	49.0	
91 o-Xylene	106	8.942	8.942	0.000	94	560020	50.0	49.4	
92 Styrene	104	8.960	8.960	0.000	93	971354	50.0	50.0	
95 Bromoform	173	9.240	9.240	0.000	96	154129	50.0	43.7	
94 Isopropylbenzene	105	9.307	9.307	0.000	95	1411936	50.0	49.1	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	86	361320	50.0	51.6	
101 Bromobenzene	156	9.690	9.690	0.000	92	381251	50.0	49.6	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	39	116170	50.0	53.3	
99 N-Propylbenzene	91	9.721	9.721	0.000	98	1674669	50.0	49.3	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	22	120371	50.0	51.2	
103 2-Chlorotoluene	126	9.855	9.855	0.000	96	351246	50.0	48.3	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	93	1199329	50.0	49.5	
105 4-Chlorotoluene	126	9.958	9.958	0.000	88	369420	50.0	49.5	
106 tert-Butylbenzene	134	10.207	10.207	0.000	92	266782	50.0	49.4	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	50	1235233	50.0	49.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	94	1491855	50.0	48.7	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	96	1327167	50.0	49.1	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	96	700287	50.0	49.3	
113 1,4-Dichlorobenzene	146	10.651	10.651	0.000	94	703286	50.0	49.1	
115 n-Butylbenzene	91	10.901	10.901	0.000	95	1169559	50.0	49.0	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	667295	50.0	49.2	
117 1,2-Dibromo-3-Chloropropan	75	11.674	11.674	0.000	80	64348	50.0	47.5	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	92	465364	50.0	50.0	
120 Hexachlorobutadiene	225	12.410	12.410	0.000	95	252879	50.0	47.0	
121 Naphthalene	128	12.543	12.543	0.000	97	1188542	50.0	51.8	
122 1,2,3-Trichlorobenzene	180	12.756	12.756	0.000	94	433586	50.0	49.8	
S 123 Total BTEX	1				0			246.6	
S 124 Xylenes, Total	1				0			98.4	
S 125 1,2-Dichloroethene, Total	1				0			98.1	
S 126 1,3-Dichloropropene, Total	1				0			104.1	

Reagents:

8260 CORP mix_00016	Amount Added: 25.00	Units: uL	
GAS CORP mix_00035	Amount Added: 25.00	Units: uL	
F 8260 SURR_00103	Amount Added: 1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added: 1.00	Units: uL	Run Reagent

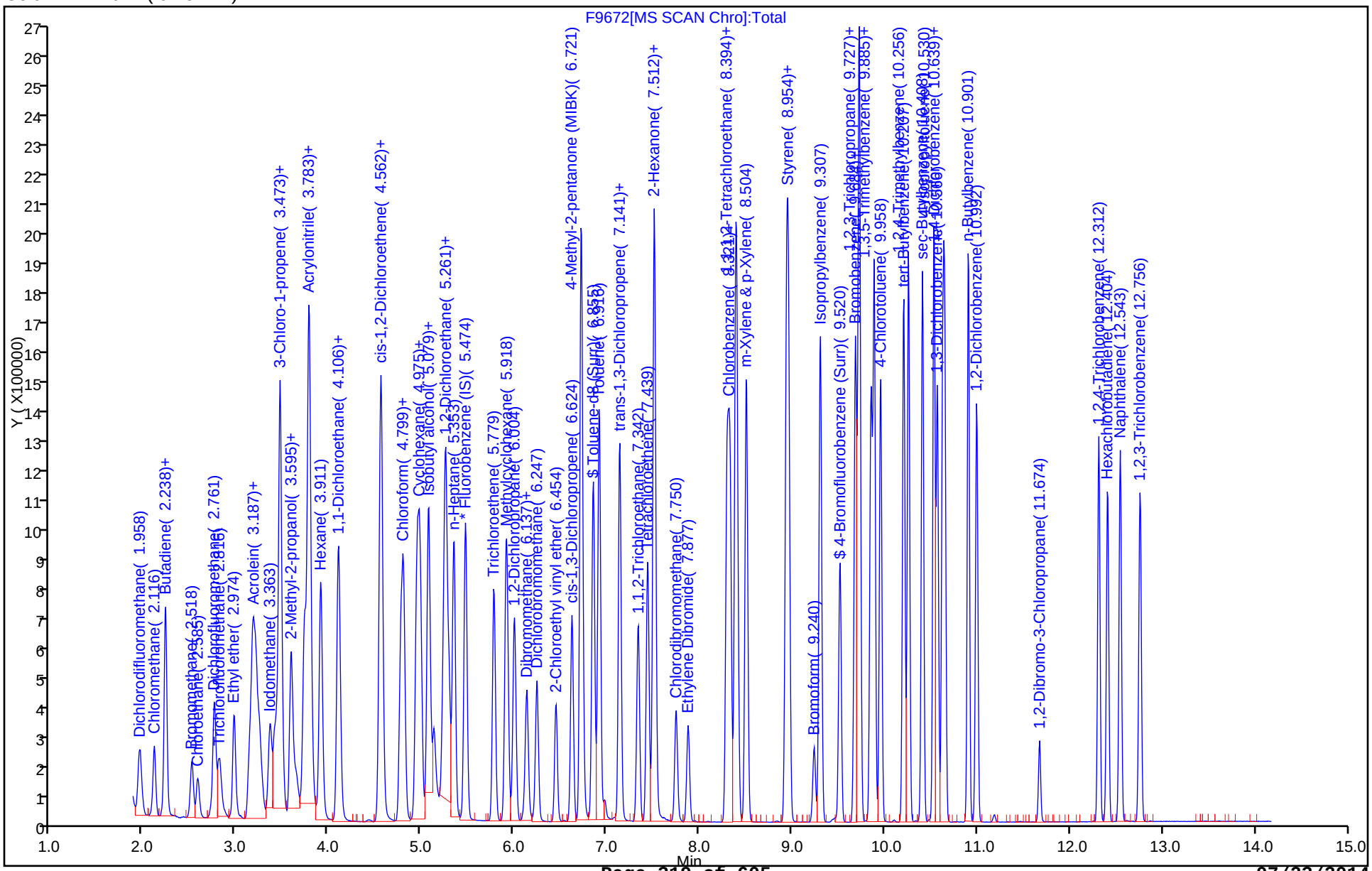
Report Date: 03-Jul-2014 07:55:14 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9672.D

Injection Date:	02-Jul-2014 19:27:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	ICIS 5			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9673.D
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 02-Jul-2014 19:53:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0033494-008 =480-0033494-008
Operator ID: RAS Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 03-Jul-2014 08:43:36 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: sobolr Date: 03-Jul-2014 08:01:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	99	236998	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	87	468400	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	94	465791	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	93	249776	50.0	49.9	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	159574	50.0	50.0	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	976239	50.0	50.4	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	92	323993	50.0	50.3	
10 Dichlorodifluoromethane	85	1.952	1.958	-0.006	99	857457	100.0	100.5	
12 Chloromethane	50	2.110	2.116	-0.006	99	649252	100.0	95.0	
13 Vinyl chloride	62	2.226	2.232	-0.006	98	648856	100.0	98.6	
151 Butadiene	54	2.232	2.238	-0.006	96	573499	100.0	96.9	
14 Bromomethane	94	2.518	2.524	-0.006	92	349720	100.0	93.5	
15 Chloroethane	64	2.579	2.585	-0.006	99	307269	100.0	92.1	
16 Dichlorofluoromethane	67	2.755	2.761	-0.006	98	876627	100.0	97.2	
17 Trichlorofluoromethane	101	2.810	2.816	-0.006	98	805089	100.0	101.8	
18 Ethyl ether	59	2.968	2.980	-0.012	91	543323	100.0	100.3	
20 Acrolein	56	3.132	3.138	-0.006	100	445067	500.0	513.5	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.175	-0.006	93	674663	100.0	104.9	
22 1,1-Dichloroethene	96	3.205	3.211	-0.006	97	621565	100.0	100.7	
23 Acetone	43	3.248	3.254	-0.006	99	1167851	500.0	504.3	
25 Iodomethane	142	3.357	3.363	-0.006	100	1135455	100.0	100.5	
26 Carbon disulfide	76	3.418	3.430	-0.012	100	2454233	100.0	105.0	
28 3-Chloro-1-propene	41	3.467	3.473	-0.006	82	1128520	100.0	100.7	
27 Methyl acetate	43	3.467	3.473	-0.006	98	2883147	500.0	516.0	
30 Methylene Chloride	84	3.588	3.595	-0.007	92	688688	100.0	100.7	
31 2-Methyl-2-propanol	59	3.637	3.643	-0.006	96	630680	1000.0	1132.1	
32 Methyl tert-butyl ether	73	3.734	3.741	-0.007	95	1953402	100.0	102.7	
34 trans-1,2-Dichloroethene	96	3.771	3.777	-0.006	98	663391	100.0	100.7	
33 Acrylonitrile	53	3.783	3.789	-0.006	99	2530721	1000.0	1029.1	
35 Hexane	57	3.905	3.911	-0.006	95	1057212	100.0	91.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.093	4.093	0.000	98	2264445	200.0	222.7	
39 1,1-Dichloroethane	63	4.105	4.112	-0.007	96	1197128	100.0	99.7	
43 2-Butanone (MEK)	43	4.550	4.556	-0.006	100	1812323	500.0	523.2	
44 2,2-Dichloropropane	77	4.556	4.562	-0.006	90	910184	100.0	106.9	
45 cis-1,2-Dichloroethene	96	4.562	4.568	-0.006	83	701969	100.0	99.6	
48 Chlorobromomethane	128	4.769	4.775	-0.006	93	354415	100.0	100.4	
49 Tetrahydrofuran	42	4.787	4.793	-0.006	87	475782	200.0	206.2	
50 Chloroform	83	4.805	4.805	0.000	94	1130000	100.0	99.5	
51 1,1,1-Trichloroethane	97	4.951	4.957	-0.006	98	949498	100.0	107.6	
52 Cyclohexane	56	4.982	4.982	0.000	91	1112055	100.0	103.7	
54 1,1-Dichloropropene	75	5.073	5.073	0.000	95	873000	100.0	102.0	
55 Carbon tetrachloride	117	5.079	5.085	-0.006	97	866922	100.0	112.7	
53 Isobutyl alcohol	43	5.134	5.134	0.000	92	829502	2500.0	2554.2	
57 Benzene	78	5.255	5.261	-0.006	96	2592626	100.0	99.8	
58 1,2-Dichloroethane	62	5.292	5.298	-0.006	98	925826	100.0	100.3	
59 n-Heptane	43	5.347	5.353	-0.006	93	1124338	100.0	103.9	
62 Trichloroethene	95	5.778	5.785	-0.007	97	657304	100.0	101.5	
64 Methylcyclohexane	83	5.912	5.918	-0.006	90	1185492	100.0	105.1	
65 1,2-Dichloropropane	63	5.997	6.004	-0.007	94	639456	100.0	100.0	
66 1,4-Dioxane	88	6.107	6.107	0.000	93	158933	2000.0	2217.4	
67 Dibromomethane	93	6.131	6.137	-0.006	94	397547	100.0	101.7	
68 Dichlorobromomethane	83	6.241	6.247	-0.006	99	810595	100.0	109.9	
69 2-Chloroethyl vinyl ether	63	6.448	6.454	-0.006	93	434910	100.0	104.8	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	95	1031723	100.0	107.0	
73 4-Methyl-2-pentanone (MIBK	43	6.721	6.721	0.000	97	3484243	500.0	529.0	
74 Toluene	92	6.916	6.916	0.000	98	1594917	100.0	101.3	
75 Ethyl methacrylate	69	7.135	7.135	0.000	91	891534	100.0	113.6	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	96	906806	100.0	110.7	
79 1,1,2-Trichloroethane	83	7.336	7.342	-0.006	94	456621	100.0	102.7	
81 Tetrachloroethene	166	7.439	7.439	0.000	97	716068	100.0	102.9	
82 1,3-Dichloropropane	76	7.506	7.506	0.000	93	981795	100.0	101.7	
80 2-Hexanone	43	7.512	7.518	-0.006	97	2551807	500.0	543.8	
83 Chlorodibromomethane	129	7.750	7.750	0.000	90	593177	100.0	98.8	
84 Ethylene Dibromide	107	7.877	7.877	0.000	99	581717	100.0	104.4	
87 Chlorobenzene	112	8.327	8.328	-0.001	99	1743896	100.0	99.9	
88 Ethylbenzene	91	8.394	8.388	0.006	98	2960461	100.0	101.4	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	94	609362	100.0	113.3	
90 m-Xylene & p-Xylene	106	8.504	8.504	0.000	0	1192989	100.0	101.9	
91 o-Xylene	106	8.942	8.942	0.000	96	1154645	100.0	102.0	
92 Styrene	104	8.960	8.960	0.000	94	1996604	100.0	103.0	
95 Bromoform	173	9.240	9.240	0.000	97	378040	100.0	95.7	
94 Isopropylbenzene	105	9.307	9.307	0.000	96	2951647	100.0	100.7	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	97	745619	100.0	104.5	
101 Bromobenzene	156	9.690	9.690	0.000	93	777786	100.0	99.4	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	62	242628	100.0	109.3	
99 N-Propylbenzene	91	9.727	9.721	0.006	98	3461990	100.0	100.0	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	86	244078	100.0	102.0	
103 2-Chlorotoluene	126	9.854	9.855	-0.001	97	727975	100.0	98.3	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	95	2489623	100.0	100.9	
105 4-Chlorotoluene	126	9.958	9.958	0.000	98	758650	100.0	99.9	
106 tert-Butylbenzene	134	10.207	10.207	0.000	93	566322	100.0	102.9	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	2546606	100.0	100.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	95	3177253	100.0	101.8	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	96	2809702	100.0	102.0	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	97	1431745	100.0	99.0	
113 1,4-Dichlorobenzene	146	10.651	10.651	0.000	94	1442883	100.0	99.0	
115 n-Butylbenzene	91	10.901	10.901	0.000	97	2493137	100.0	102.5	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	1368342	100.0	99.2	
117 1,2-Dibromo-3-Chloropropan	75	11.673	11.674	-0.001	90	145284	100.0	101.5	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	94	965726	100.0	102.0	
120 Hexachlorobutadiene	225	12.410	12.410	0.000	98	559814	100.0	102.2	
121 Naphthalene	128	12.543	12.543	0.000	97	2479357	100.0	106.1	
122 1,2,3-Trichlorobenzene	180	12.756	12.756	0.000	95	904221	100.0	102.0	
S 123 Total BTEX	1				0			506.4	
S 124 Xylenes, Total	1				0			203.9	
S 125 1,2-Dichloroethene, Total	1				0			200.3	
S 126 1,3-Dichloropropene, Total	1				0			217.6	

Reagents:

8260 CORP mix_00016	Amount Added: 50.00	Units: uL	
GAS CORP mix_00035	Amount Added: 50.00	Units: uL	
F 8260 SURR_00103	Amount Added: 1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added: 1.00	Units: uL	Run Reagent

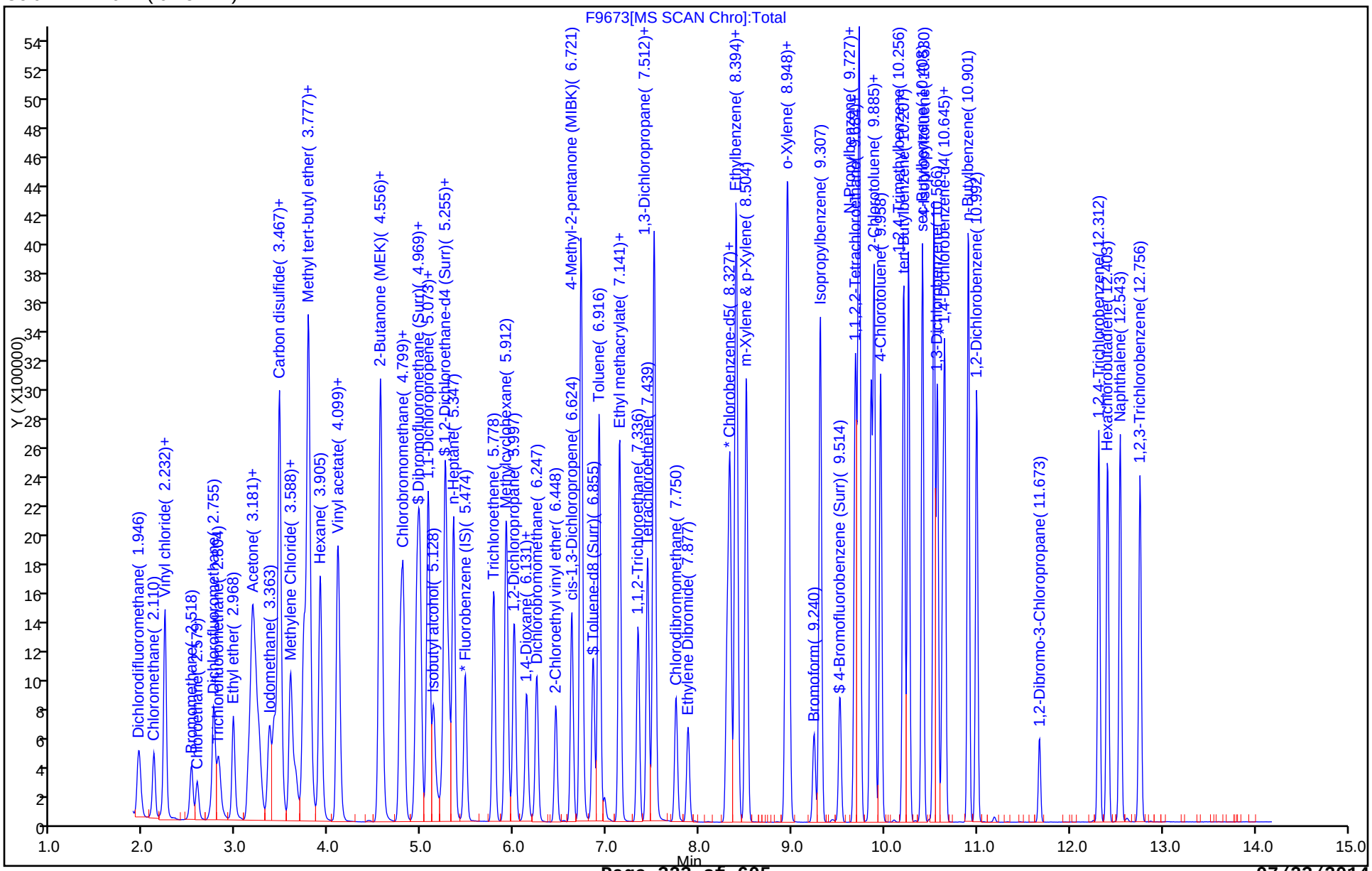
Report Date: 03-Jul-2014 08:43:37 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9673.D

Injection Date:	02-Jul-2014 19:53:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	IC 6			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9674.D
Lims ID: IC 7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 02-Jul-2014 20:18:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 7
Misc. Info.: 480-0033494-009 =480-0033494-009
Operator ID: RAS Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 03-Jul-2014 08:01:57 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: sobolr Date: 03-Jul-2014 08:01:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	98	238108	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	86	471973	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	95	469874	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	93	257503	50.0	51.2	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	158933	50.0	49.6	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	93	977171	50.0	50.1	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	91	329559	50.0	50.8	
10 Dichlorodifluoromethane	85	1.946	1.958	-0.012	99	1497682	200.0	174.6	
12 Chloromethane	50	2.116	2.116	0.000	100	1230242	200.0	179.1	
13 Vinyl chloride	62	2.226	2.232	-0.006	97	1202426	200.0	181.9	
151 Butadiene	54	2.238	2.238	0.000	96	1037749	200.0	174.5	
14 Bromomethane	94	2.518	2.524	-0.006	93	694155	200.0	184.8	
15 Chloroethane	64	2.579	2.585	-0.006	99	605716	200.0	180.8	
16 Dichlorofluoromethane	67	2.761	2.761	0.000	98	1686942	200.0	186.1	
17 Trichlorofluoromethane	101	2.810	2.816	-0.006	100	1482206	200.0	186.6	
18 Ethyl ether	59	2.968	2.980	-0.012	91	1040421	200.0	191.1	
20 Acrolein	56	3.132	3.138	-0.006	100	834717	1000.0	958.6	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.175	-0.006	93	1249636	200.0	193.5	
22 1,1-Dichloroethene	96	3.205	3.211	-0.006	97	1193605	200.0	192.4	
23 Acetone	43	3.242	3.254	-0.012	99	2236403	1000.0	961.3	
25 Iodomethane	142	3.363	3.363	0.000	100	2209043	200.0	194.7	
26 Carbon disulfide	76	3.430	3.430	0.000	100	4758090	200.0	202.5	
28 3-Chloro-1-propene	41	3.467	3.473	-0.006	81	2179051	200.0	193.5	
27 Methyl acetate	43	3.461	3.473	-0.012	99	5265155	1000.0	937.9	
30 Methylene Chloride	84	3.589	3.595	-0.006	92	1322849	200.0	197.7	
31 2-Methyl-2-propanol	59	3.637	3.643	-0.006	97	1275279	2000.0	2278.5	
32 Methyl tert-butyl ether	73	3.735	3.741	-0.006	95	3853711	200.0	201.6	
34 trans-1,2-Dichloroethene	96	3.771	3.777	-0.006	99	1293141	200.0	195.5	
33 Acrylonitrile	53	3.783	3.789	-0.006	99	4616878	2000.0	1868.7	
35 Hexane	57	3.905	3.911	-0.006	95	2016388	200.0	173.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.087	4.093	-0.006	97	4448416	400.0	435.5	
39 1,1-Dichloroethane	63	4.106	4.112	-0.006	96	2331757	200.0	193.2	
43 2-Butanone (MEK)	43	4.550	4.556	-0.006	100	3319673	1000.0	954.0	
44 2,2-Dichloropropane	77	4.556	4.562	-0.006	91	1777499	200.0	207.8	
45 cis-1,2-Dichloroethene	96	4.562	4.568	-0.006	82	1389712	200.0	196.2	
48 Chlorobromomethane	128	4.769	4.775	-0.006	93	708070	200.0	199.6	
49 Tetrahydrofuran	42	4.787	4.793	-0.006	86	879439	400.0	379.4	
50 Chloroform	83	4.805	4.805	0.000	95	2225646	200.0	195.0	
51 1,1,1-Trichloroethane	97	4.951	4.957	-0.006	98	1877931	200.0	211.8	
52 Cyclohexane	56	4.982	4.982	0.000	91	2089128	200.0	193.9	
54 1,1-Dichloropropene	75	5.067	5.073	-0.006	95	1701507	200.0	197.9	
55 Carbon tetrachloride	117	5.079	5.085	-0.006	98	1771007	200.0	229.2	
53 Isobutyl alcohol	43	5.128	5.134	-0.006	92	1694000	5000.0	5113.8	
57 Benzene	78	5.255	5.261	-0.006	97	4989394	200.0	191.2	
58 1,2-Dichloroethane	62	5.292	5.298	-0.006	97	1803699	200.0	194.5	
59 n-Heptane	43	5.347	5.353	-0.006	92	2140246	200.0	196.9	
62 Trichloroethene	95	5.779	5.785	-0.006	97	1294546	200.0	199.0	
64 Methylcyclohexane	83	5.919	5.918	0.001	90	2254640	200.0	198.9	
65 1,2-Dichloropropane	63	6.004	6.004	0.000	93	1260143	200.0	196.2	
66 1,4-Dioxane	88	6.107	6.107	0.000	93	301017	4000.0	4167.9	
67 Dibromomethane	93	6.131	6.137	-0.006	94	787456	200.0	200.5	
68 Dichlorobromomethane	83	6.241	6.247	-0.006	99	1693191	200.0	228.5	
69 2-Chloroethyl vinyl ether	63	6.448	6.454	-0.006	93	851509	200.0	204.3	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	95	2071350	200.0	213.8	
73 4-Methyl-2-pentanone (MIBK	43	6.722	6.721	0.001	95	6293720	1000.0	948.3	
74 Toluene	92	6.916	6.916	0.000	99	3131688	200.0	197.4	
75 Ethyl methacrylate	69	7.135	7.135	0.000	89	1759146	200.0	222.4	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	94	1834429	200.0	222.2	
79 1,1,2-Trichloroethane	83	7.336	7.342	-0.006	93	896168	200.0	200.1	
81 Tetrachloroethene	166	7.439	7.439	0.000	97	1397343	200.0	199.3	
82 1,3-Dichloropropane	76	7.500	7.506	-0.006	93	1919198	200.0	197.3	
80 2-Hexanone	43	7.512	7.518	-0.006	95	4608014	1000.0	974.6	
83 Chlorodibromomethane	129	7.750	7.750	0.000	90	1280135	200.0	207.8	
84 Ethylene Dibromide	107	7.877	7.877	0.000	99	1145432	200.0	204.1	
87 Chlorobenzene	112	8.328	8.328	0.000	94	3417204	200.0	194.2	
88 Ethylbenzene	91	8.395	8.388	0.007	98	5706500	200.0	194.0	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	95	1260542	200.0	232.5	
90 m-Xylene & p-Xylene	106	8.510	8.504	0.006	0	2362545	200.0	200.2	
91 o-Xylene	106	8.942	8.942	0.000	96	2301339	200.0	201.8	
92 Styrene	104	8.960	8.960	0.000	94	3966574	200.0	203.1	
95 Bromoform	173	9.240	9.240	0.000	97	849519	200.0	203.6	
94 Isopropylbenzene	105	9.307	9.307	0.000	96	5671035	200.0	191.8	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	97	1452634	200.0	201.8	
101 Bromobenzene	156	9.690	9.690	0.000	91	1539327	200.0	195.0	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	64	463743	200.0	207.0	
99 N-Propylbenzene	91	9.727	9.721	0.006	97	6559855	200.0	187.8	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	83	472654	200.0	195.7	
103 2-Chlorotoluene	126	9.855	9.855	0.000	97	1449090	200.0	193.9	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	95	4823624	200.0	193.7	
105 4-Chlorotoluene	126	9.958	9.958	0.000	99	1513627	200.0	197.5	
106 tert-Butylbenzene	134	10.207	10.207	0.000	92	1125902	200.0	202.8	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	4974008	200.0	193.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	95	6032790	200.0	191.6	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	95	5404588	200.0	194.5	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	97	2859981	200.0	196.0	
113 1,4-Dichlorobenzene	146	10.652	10.651	0.001	95	2873004	200.0	195.4	
115 n-Butylbenzene	91	10.901	10.901	0.000	96	4774203	200.0	194.5	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	2713144	200.0	194.9	
117 1,2-Dibromo-3-Chloropropan	75	11.668	11.674	-0.006	92	297720	200.0	203.1	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	95	1922765	200.0	201.3	
120 Hexachlorobutadiene	225	12.410	12.410	0.000	98	1085605	200.0	196.4	
121 Naphthalene	128	12.544	12.543	0.001	97	4704978	200.0	199.5	
122 1,2,3-Trichlorobenzene	180	12.757	12.756	0.000	95	1780822	200.0	199.1	
S 123 Total BTEX	1				0			984.7	
S 124 Xylenes, Total	1				0			402.0	
S 125 1,2-Dichloroethene, Total	1				0			391.7	
S 126 1,3-Dichloropropene, Total	1				0			436.0	

Reagents:

8260 CORP mix_00016	Amount Added: 100.00	Units: uL	
GAS CORP mix_00035	Amount Added: 100.00	Units: uL	
F 8260 SURR_00103	Amount Added: 1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added: 1.00	Units: uL	Run Reagent

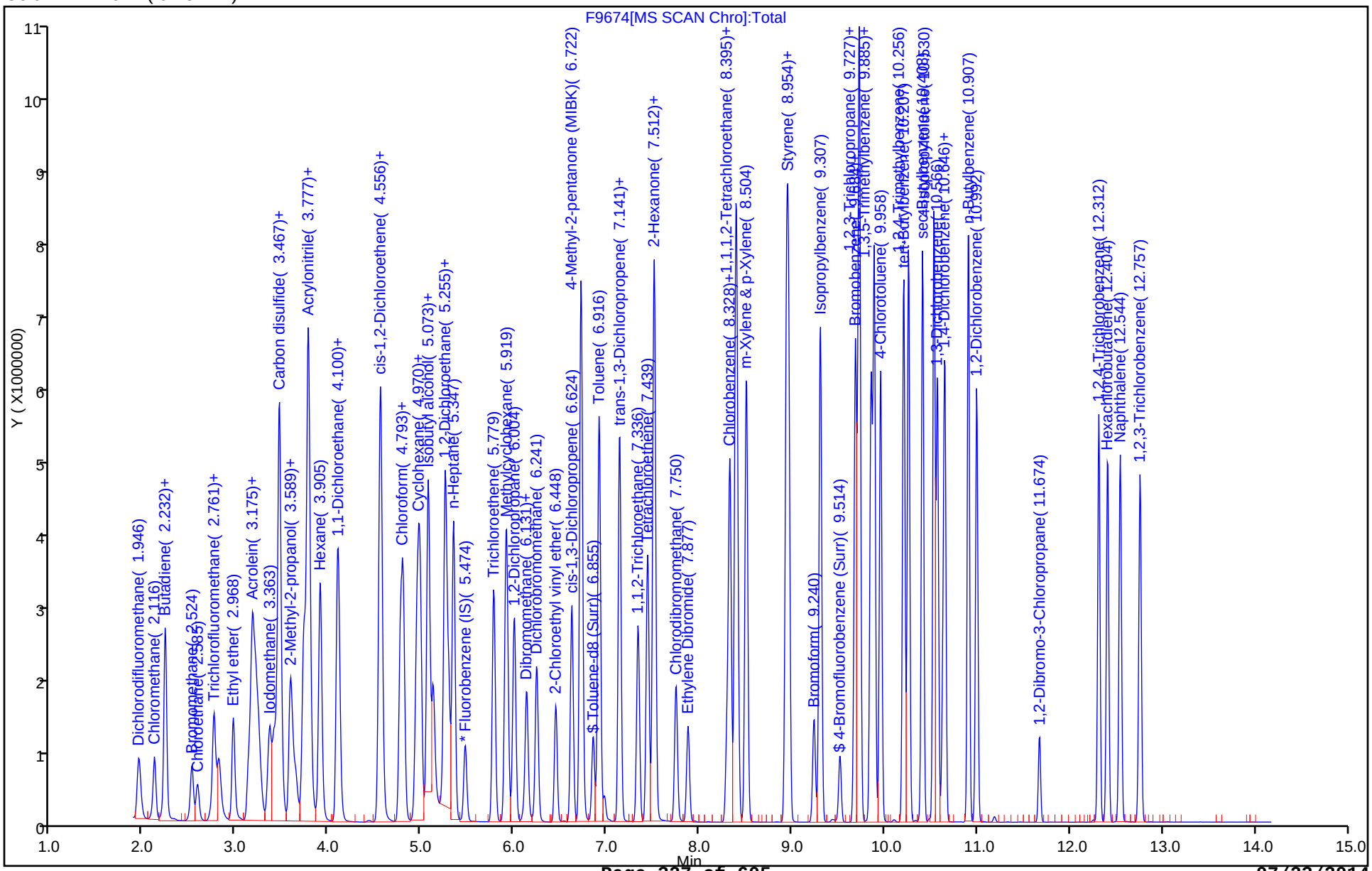
Report Date: 03-Jul-2014 08:01:57 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9674.D

Injection Date:	02-Jul-2014 20:18:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	IC 7			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-190357/6	S39779.D
Level 2	IC 480-190357/7	S39780.D
Level 3	IC 480-190357/8	S39781.D
Level 4	IC 480-190357/9	S39782.D
Level 5	ICIS 480-190357/10	S39783.D
Level 6	IC 480-190357/11	S39784.D
Level 7	IC 480-190357/12	S39785.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 1.4211	1.2866 1.3701	1.5559	1.3964	1.5741	Ave		1.4341			0.1000	7.8		20.0			
Chloromethane	+++++ 1.6735	1.8731 1.7121	1.9710	1.7369	1.8454	Ave		1.8020			0.1000	6.3		20.0			
Vinyl chloride	+++++ 1.6410	1.5939 1.6320	1.9017	1.6907	1.8128	Ave		1.7120			0.1000	7.0		20.0			
Butadiene	+++++ 1.2123	0.9450 1.2871	1.2474	1.2100	1.3439	Ave		1.2076				11.0		20.0			
Bromomethane	+++++ 0.6429	0.7308 0.6798	0.6637	0.6109	0.6857	Ave		0.6689			0.1000	6.1		20.0			
Chloroethane	+++++ 0.8918	1.0563 0.9058	1.0599	0.9190	1.0060	Ave		0.9731			0.1000	7.9		20.0			
Dichlorofluoromethane	+++++ 2.0758	2.0755 2.1986	2.2804	2.0499	2.3045	Ave		2.1641				5.2		20.0			
Trichlorofluoromethane	+++++ 1.7858	1.5054 1.8272	1.9955	1.7517	1.9700	Ave		1.8059			0.1000	9.8		20.0			
Ethyl ether	+++++ 1.2775	1.3795 1.2529	1.3832	1.2893	1.3159	Ave		1.3164				4.1		20.0			
Acrolein	+++++ 0.2203	0.2451 0.2246	0.2117	0.2217	0.2222	Ave		0.2243				5.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 1.3356	0.9837 1.2160	1.2880	0.9821	1.2694	Ave		1.1792			0.1000	13.0		20.0			
1,1-Dichloroethene	+++++ 1.5134	1.6024 1.4802	1.6034	1.3735	1.5744	Ave		1.5245			0.1000	5.8		20.0			
Acetone	+++++ 0.5494	0.6661 0.5681	0.6301	0.6041	0.5878	Ave		0.6009			0.1000	7.1		20.0			
Iodomethane	+++++ 1.5980	1.2573 1.6682	1.5131	1.4613	1.5970	Ave		1.5158				9.6		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	+++++ 3.9449	4.4318 3.9303	4.0000	3.5150	4.0165	Ave		3.9731			0.1000	7.3		20.0			
Allyl chloride	+++++ 1.5015	1.8543 1.5447	1.6452	1.4577	1.5193	Ave		1.5871				9.1		20.0			
Methyl acetate	+++++ 1.4414	1.6286 1.4087	1.5367	1.5173	1.4972	Ave		1.5050			0.1000	5.1		20.0			
Methylene Chloride	+++++ 1.5496	3.8169 1.5055	2.1086	1.8038	1.6557	Lin1	2.5044	1.5015			0.1000				0.9990		0.9900
2-Methyl-2-propanol	+++++ 0.2197	0.2096 0.2307	0.2120	0.2058	0.2101	Ave		0.2147				4.2		20.0			
Methyl tert-butyl ether	+++++ 4.4020	4.5216 4.3535	4.6010	4.4498	4.4808	Ave		4.4681			0.1000	2.0		20.0			
trans-1,2-Dichloroethene	+++++ 1.3923	1.4049 1.3566	1.5388	1.3390	1.4483	Ave		1.4133			0.1000	5.1		20.0			
Acrylonitrile	0.7279 0.6693	0.7127 0.6609	0.7474	0.7268	0.7022	Ave		0.7067				4.5		20.0			
Hexane	+++++ 1.8566	2.1232 1.6211	2.0288	1.6183	1.9240	Ave		1.8620				11.0		20.0			
1,1-Dichloroethane	+++++ 2.1229	2.4857 1.9896	2.3030	2.0858	2.2195	Ave		2.2011			0.2000	8.0		20.0			
Vinyl acetate	+++++ 2.9705	2.4119 2.9831	2.6944	2.7190	2.9055	Ave		2.7807				7.9		20.0			
2,2-Dichloropropane	+++++ 0.8179	0.8171 0.7782	0.8406	0.7259	0.8236	Ave		0.8006				5.2		20.0			
cis-1,2-Dichloroethene	+++++ 1.4694	1.5484 1.4142	1.5882	1.4184	1.4990	Ave		1.4896			0.1000	4.7		20.0			
2-Butanone (MEK)	+++++ 0.9570	1.0094 0.9554	0.9702	0.9726	0.9751	Ave		0.9733			0.1000	2.0		20.0			
Chlorobromomethane	+++++ 0.7095	0.7439 0.6932	0.7243	0.7011	0.7177	Ave		0.7149				2.5		20.0			
Tetrahydrofuran	+++++ 0.6207	0.7054 0.6296	0.6595	0.6442	0.6369	Ave		0.6494				4.7		20.0			
Chloroform	+++++ 2.3621	2.6477 2.3053	2.5578	2.2964	2.4252	Ave		2.4324			0.2000	5.9		20.0			
1,1,1-Trichloroethane	+++++ 1.3744	1.3320 1.4181	1.4160	1.2259	1.3572	Ave		1.3540			0.1000	5.3		20.0			
Cyclohexane	+++++ 2.4526	2.4202 2.2565	2.5636	2.0745	2.5235	Ave		2.3818			0.1000	7.7		20.0			
Carbon tetrachloride	+++++ 1.4169	1.1395 1.5070	1.2836	1.1288	1.3467	Ave		1.3037			0.1000	12.0		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	+++++ 1.8373	1.8784 1.7309	1.9469	1.6811	1.8577	Ave		1.8221				5.4		20.0			
Benzene	+++++ 5.7609	6.4170 5.5249	6.4607	5.6268	5.8669	Ave		5.9429			0.5000	6.8		20.0			
Isobutyl alcohol	+++++ 0.0997	0.1017 0.1073	0.0924	0.0895	0.0952	Ave		0.0976				6.7		20.0			
1,2-Dichloroethane	+++++ 2.0704	2.2664 2.0304	2.2079	2.0656	2.0745	Ave		2.1192			0.1000	4.5		20.0			
n-Heptane	+++++ 2.1349	2.5855 1.8443	2.3112	1.9720	2.1371	Ave		2.1642				12.0		20.0			
Trichloroethene	+++++ 1.4187	1.4285 1.3741	1.5082	1.3198	1.4245	Ave		1.4123			0.2000	4.4		20.0			
Methylcyclohexane	+++++ 2.2923	2.0605 2.0716	2.3942	1.9428	2.3171	Ave		2.1798			0.1000	8.2		20.0			
1,2-Dichloropropane	+++++ 1.4624	1.4160 1.4436	1.5691	1.4028	1.5111	Ave		1.4675			0.1000	4.3		20.0			
Dibromomethane	+++++ 0.8821	0.8062 0.8779	0.8912	0.8558	0.8819	Ave		0.8659			0.1000	3.6		20.0			
1,4-Dioxane	+++++ 0.0096	0.0047 0.0098	0.0081	0.0089	0.0090	Lin1	-0.120	0.0097							0.9990		0.9900
Bromodichloromethane	+++++ 1.7745	1.3745 1.8436	1.5856	1.5244	1.7071	Ave		1.6350			0.2000	11.0		20.0			
2-Chloroethyl vinyl ether	+++++ 1.1418	0.8920 1.1525	1.0622	1.0593	1.1360	Ave		1.0739				9.1		20.0			
cis-1,3-Dichloropropene	+++++ 2.3094	1.7544 2.3476	2.0230	1.9567	2.2478	Ave		2.1065			0.2000	11.0		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.9666	0.9295 0.9251	0.9967	1.0049	0.9819	Ave		0.9675			0.1000	3.5		20.0			
Toluene	+++++ 1.7964	2.0860 1.6966	1.9607	1.7135	1.8043	Ave		1.8429			0.4000	8.2		20.0			
trans-1,3-Dichloropropene	+++++ 1.0084	0.7248 1.0383	0.8447	0.8490	0.9459	Ave		0.9019			0.1000	13.0		20.0			
Ethyl methacrylate	+++++ 1.1899	0.8835 1.1865	1.0450	1.0635	1.1238	Ave		1.0820				11.0		20.0			
1,1,2-Trichloroethane	+++++ 0.5717	0.5738 0.5577	0.5860	0.5668	0.5645	Ave		0.5701			0.1000	1.7		20.0			
Tetrachloroethene	+++++ 0.7590	0.8106 0.7143	0.8355	0.7007	0.7627	Ave		0.7638			0.2000	6.9		20.0			
1,3-Dichloropropane	+++++ 1.2513	1.2574 1.2297	1.3032	1.2276	1.2490	Ave		1.2530				2.2		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	+++++ 0.7224	0.6631 0.7063	0.7255	0.7293	0.7356	Ave		0.7137			0.1000	3.7		20.0			
Dibromochloromethane	+++++ 0.6385	0.4207 0.6805	0.4966	0.5021	0.5763	Ave		0.5525			0.1000	18.0		20.0			
1,2-Dibromoethane	+++++ 0.7040	0.6007 0.7006	0.6885	0.6784	0.6954	Ave		0.6779				5.7		20.0			
Chlorobenzene	+++++ 2.0352	2.1892 1.9771	2.2225	1.9626	2.0389	Ave		2.0709			0.5000	5.3		20.0			
Ethylbenzene	+++++ 3.5017	3.8188 3.3589	3.7776	3.3140	3.5096	Ave		3.5468			0.1000	5.9		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.6437	0.5246 0.6508	0.5816	0.5456	0.6105	Ave		0.5928				8.7		20.0			
m,p-Xylene	+++++ 1.3607	1.4162 1.3259	1.4702	1.2814	1.3647	Ave		1.3699			0.1000	4.9		20.0			
o-Xylene	+++++ 1.3314	1.3810 1.2954	1.4204	1.2761	1.3240	Ave		1.3380			0.3000	4.0		20.0			
Styrene	+++++ 2.3797	2.1361 2.3150	2.3508	2.1997	2.3562	Ave		2.2896			0.3000	4.3		20.0			
Bromoform	+++++ 0.4336	0.2576 0.4934	0.2901	0.3076	0.3676	Lin	-1.730	0.4993			0.1000				0.9950		0.9900
Isopropylbenzene	+++++ 3.8365	4.0262 3.6075	4.2454	3.6191	3.8787	Ave		3.8689			0.1000	6.3		20.0			
Bromobenzene	+++++ 0.9679	1.0556 0.9422	1.0405	0.9553	0.9658	Ave		0.9879				4.8		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.0896	1.0706 1.0625	1.1311	1.0773	1.0588	Ave		1.0816			0.3000	2.5		20.0			
N-Propylbenzene	+++++ 4.5490	4.7299 4.2467	5.0499	4.2833	4.5195	Ave		4.5631				6.5		20.0			
1,2,3-Trichloropropane	+++++ 0.3522	0.3707 0.3393	0.3766	0.3645	0.3549	Ave		0.3597				3.8		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.3587	0.2744 0.3667	0.3101	0.3055	0.3291	Ave		0.3241				11.0		20.0			
2-Chlorotoluene	+++++ 0.8907	0.9389 0.8484	0.9980	0.8589	0.8702	Ave		0.9009				6.4		20.0			
1,3,5-Trimethylbenzene	+++++ 3.2648	3.2987 3.1114	3.5676	3.0538	3.2087	Ave		3.2508				5.6		20.0			
4-Chlorotoluene	+++++ 0.9191	0.9606 0.8947	1.0355	0.8972	0.9017	Ave		0.9348				5.9		20.0			
tert-Butylbenzene	+++++ 0.7340	0.7252 0.6808	0.7943	0.6736	0.7223	Ave		0.7217				6.0		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	+++++ 3.3740	3.3316 3.1987	3.6278	3.2128	3.3614	Ave		3.3511				4.6		20.0			
sec-Butylbenzene	+++++ 4.0864	4.1551 3.8054	4.5041	3.8502	4.1098	Ave		4.0852				6.1		20.0			
1,3-Dichlorobenzene	+++++ 1.8218	1.8859 1.7345	2.0273	1.8127	1.8329	Ave		1.8525			0.6000	5.3		20.0			
4-Isopropyltoluene	+++++ 3.4916	3.3173 3.2745	3.7456	3.2921	3.5134	Ave		3.4391				5.3		20.0			
1,4-Dichlorobenzene	+++++ 1.8652	2.0131 1.8103	2.0172	1.8025	1.8545	Ave		1.8938			0.5000	5.1		20.0			
n-Butylbenzene	+++++ 3.2039	2.9210 2.9902	3.2972	2.9331	3.1739	Ave		3.0865				5.1		20.0			
1,2-Dichlorobenzene	+++++ 1.7904	1.8839 1.7237	1.9199	1.7811	1.7938	Ave		1.8155			0.4000	4.0		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2069	0.1348 0.2072	0.1572	0.1640	0.1816	Ave		0.1753			0.0500	16.0		20.0			
1,2,4-Trichlorobenzene	+++++ 1.2279	1.0679 1.0860	1.1582	1.1345	1.2057	Ave		1.1467			0.2000	5.6		20.0			
Hexachlorobutadiene	+++++ 0.5663	0.5678 0.4696	0.6189	0.5534	0.5796	Ave		0.5593				8.8		20.0			
Naphthalene	+++++ 3.3078	2.5250 2.8831	2.9460	3.1484	3.2921	Ave		3.0170				9.9		20.0			
1,2,3-Trichlorobenzene	+++++ 1.0741	1.0639 0.9140	1.1098	1.0764	1.1002	Ave		1.0564				6.8		20.0			
Dibromofluoromethane (Surr)	1.0670 1.1107	1.0640 1.1078	1.0942	1.0979	1.1332	Ave		1.0964				2.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.8371 0.8127	0.8232 0.7748	0.8205	0.8171	0.8210	Ave		0.8152				2.4		20.0			
Toluene-d8 (Surr)	2.4593 2.3380	2.4545 2.3101	2.4238	2.3744	2.3705	Ave		2.3901				2.4		20.0			
4-Bromofluorobenzene (Surr)	0.7605 0.7827	0.7528 0.7856	0.7614	0.7680	0.7760	Ave		0.7696				1.6		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-190357/6	S39779.D
Level 2	IC 480-190357/7	S39780.D
Level 3	IC 480-190357/8	S39781.D
Level 4	IC 480-190357/9	S39782.D
Level 5	ICIS 480-190357/10	S39783.D
Level 6	IC 480-190357/11	S39784.D
Level 7	IC 480-190357/12	S39785.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	+++++ 568458	10049 1083413	61385	109685	303154	+++++ 50.0	1.00 100	5.00	10.0	25.0
Chloromethane	FB	Ave	+++++ 669385	14630 1353805	77759	136432	355397	+++++ 50.0	1.00 100	5.00	10.0	25.0
Vinyl chloride	FB	Ave	+++++ 656392	12449 1290503	75027	132801	349127	+++++ 50.0	1.00 100	5.00	10.0	25.0
Butadiene	FB	Ave	+++++ 484907	7381 1017732	49214	95043	258810	+++++ 50.0	1.00 100	5.00	10.0	25.0
Bromomethane	FB	Ave	+++++ 257154	5708 537536	26183	47983	132049	+++++ 50.0	1.00 100	5.00	10.0	25.0
Chloroethane	FB	Ave	+++++ 356740	8250 716275	41814	72187	193742	+++++ 50.0	1.00 100	5.00	10.0	25.0
Dichlorofluoromethane	FB	Ave	+++++ 830322	16211 1738533	89966	161011	443806	+++++ 50.0	1.00 100	5.00	10.0	25.0
Trichlorofluoromethane	FB	Ave	+++++ 714338	11758 1444799	78726	137594	379394	+++++ 50.0	1.00 100	5.00	10.0	25.0
Ethyl ether	FB	Ave	+++++ 510984	10775 990697	54569	101270	253425	+++++ 50.0	1.00 100	5.00	10.0	25.0
Acrolein	FB	Ave	+++++ 440562	9570 888192	41764	87055	213963	+++++ 250	5.00 500	25.0	50.0	125
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	+++++ 534257	7683 961556	50816	77144	244478	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,1-Dichloroethene	FB	Ave	+++++ 605361	12516 1170432	63259	107882	303201	+++++ 50.0	1.00 100	5.00	10.0	25.0
Acetone	FB	Ave	+++++ 1098819	26014 2245977	124297	237238	566053	+++++ 250	5.00 500	25.0	50.0	125
Iodomethane	FB	Ave	+++++ 639204	9820 1319113	59696	114778	307558	+++++ 50.0	1.00 100	5.00	10.0	25.0
Carbon disulfide	FB	Ave	+++++ 1577960	34615 3107811	157808	276094	773520	+++++ 50.0	1.00 100	5.00	10.0	25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Allyl chloride	FB	Ave	+++++ 600589	14483 1221433	64905	114502	292598	+++++ 50.0	1.00 100	5.00	10.0	25.0
Methyl acetate	FB	Ave	+++++ 2882912	63603 5569640	303120	595888	1441706	+++++ 250	5.00 500	25.0	50.0	125
Methylene Chloride	FB	Lin1	+++++ 619830	29812 1190416	83190	141688	318857	+++++ 50.0	1.00 100	5.00	10.0	25.0
2-Methyl-2-propanol	FB	Ave	+++++ 878945	16369 1824106	83639	161686	404590	+++++ 500	10.0 1000	50.0	100	250
Methyl tert-butyl ether	FB	Ave	+++++ 1760824	35316 3442467	181517	349524	862942	+++++ 50.0	1.00 100	5.00	10.0	25.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 556924	10973 1072751	60710	105176	278922	+++++ 50.0	1.00 100	5.00	10.0	25.0
Acrylonitrile	FB	Ave	27960 2677286	55668 5225661	294854	570858	1352259	5.00 500	10.0 1000	50.0	100	250
Hexane	FB	Ave	+++++ 742638	16583 1281895	80042	127110	370530	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,1-Dichloroethane	FB	Ave	+++++ 849165	19415 1573235	90858	163831	427447	+++++ 50.0	1.00 100	5.00	10.0	25.0
Vinyl acetate	FB	Ave	+++++ 2376445	37677 4717644	212598	427141	1119124	+++++ 100	2.00 200	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 327163	6382 615384	33163	57019	158614	+++++ 50.0	1.00 100	5.00	10.0	25.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 587782	12094 1118247	62659	111411	288692	+++++ 50.0	1.00 100	5.00	10.0	25.0
2-Butanone (MEK)	FB	Ave	+++++ 1913937	39418 3777493	191379	381966	938997	+++++ 250	5.00 500	25.0	50.0	125
Chlorobromomethane	FB	Ave	+++++ 283809	5810 548112	28574	55072	138228	+++++ 50.0	1.00 100	5.00	10.0	25.0
Tetrahydrofuran	FB	Ave	+++++ 496587	11019 995643	52036	101205	245310	+++++ 100	2.00 200	10.0	20.0	50.0
Chloroform	FB	Ave	+++++ 944853	20680 1822870	100912	180373	467058	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,1-Trichloroethane	FB	Ave	+++++ 549775	10404 1121380	55864	96295	261379	+++++ 50.0	1.00 100	5.00	10.0	25.0
Cyclohexane	FB	Ave	+++++ 981029	18903 1784264	101140	162949	485999	+++++ 50.0	1.00 100	5.00	10.0	25.0
Carbon tetrachloride	FB	Ave	+++++ 566771	8900 1191605	50639	88667	259356	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,1-Dichloropropene	FB	Ave	+++++ 734918	14671 1368724	76808	132048	357773	+++++ 50.0	1.00 100	5.00	10.0	25.0
Benzene	FB	Ave	+++++ 2304365	50120 4368753	254888	441970	1129881	+++++ 50.0	1.00 100	5.00	10.0	25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Isobutyl alcohol	FB	Ave	+++++ 997455	19866 2120426	91150	175707	458253	+++++ 1250	25.0 2500	125	250	625
1,2-Dichloroethane	FB	Ave	+++++ 828154	17702 1605493	87108	162251	399511	+++++ 50.0	1.00 100	5.00	10.0	25.0
n-Heptane	FB	Ave	+++++ 853958	20194 1458357	91182	154898	411578	+++++ 50.0	1.00 100	5.00	10.0	25.0
Trichloroethene	FB	Ave	+++++ 567479	11157 1086559	59503	103664	274333	+++++ 50.0	1.00 100	5.00	10.0	25.0
Methylcyclohexane	FB	Ave	+++++ 916930	16094 1638088	94456	152606	446239	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichloropropane	FB	Ave	+++++ 584959	11060 1141483	61904	110189	291024	+++++ 50.0	1.00 100	5.00	10.0	25.0
Dibromomethane	FB	Ave	+++++ 352830	6297 694189	35161	67221	169841	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,4-Dioxane	CBZ	Lin1	+++++ 152829	1417 310810	12683	27924	70466	+++++ 1000	20.0 2000	100	200	500
Bromodichloromethane	FB	Ave	+++++ 709806	10736 1457799	62557	119735	328768	+++++ 50.0	1.00 100	5.00	10.0	25.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 456706	6967 911311	41905	83202	218774	+++++ 50.0	1.00 100	5.00	10.0	25.0
cis-1,3-Dichloropropene	FB	Ave	+++++ 923772	13703 1856339	79811	153697	432893	+++++ 50.0	1.00 100	5.00	10.0	25.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	+++++ 3836263	70582 7341263	389394	790534	1923885	+++++ 250	5.00 500	25.0	50.0	125
Toluene	CBZ	Ave	+++++ 1425886	31680 2692786	153197	269586	707047	+++++ 50.0	1.00 100	5.00	10.0	25.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 800379	11008 1647961	66002	133579	370678	+++++ 50.0	1.00 100	5.00	10.0	25.0
Ethyl methacrylate	CBZ	Ave	+++++ 944423	13417 1883101	81648	167319	440375	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 453757	8714 885195	45785	89176	221189	+++++ 50.0	1.00 100	5.00	10.0	25.0
Tetrachloroethene	CBZ	Ave	+++++ 602453	12311 1133670	65285	110243	298880	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,3-Dichloropropane	CBZ	Ave	+++++ 993192	19095 1951688	101830	193143	489444	+++++ 50.0	1.00 100	5.00	10.0	25.0
2-Hexanone	CBZ	Ave	+++++ 2866898	50352 5605460	283435	573701	1441261	+++++ 250	5.00 500	25.0	50.0	125
Dibromochloromethane	CBZ	Ave	+++++ 506801	6389 1080043	38806	78991	225836	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dibromoethane	CBZ	Ave	+++++ 558762	9122 1111970	53800	106740	272516	+++++ 50.0	1.00 100	5.00	10.0	25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBZ	Ave	+++++ 1615388	33247 3138018	173660	308779	798957	+++++ 50.0	1.00 100	5.00	10.0	25.0
Ethylbenzene	CBZ	Ave	+++++ 2779369	57995 5331150	295165	521395	1375278	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 510908	7967 1032874	45446	85840	239236	+++++ 50.0	1.00 100	5.00	10.0	25.0
m,p-Xylene	CBZ	Ave	+++++ 1080015	21508 2104373	114875	201604	534786	+++++ 50.0	1.00 100	5.00	10.0	25.0
o-Xylene	CBZ	Ave	+++++ 1056801	20973 2055980	110980	200767	518831	+++++ 50.0	1.00 100	5.00	10.0	25.0
Styrene	CBZ	Ave	+++++ 1888814	32440 3674331	183681	346082	923315	+++++ 50.0	1.00 100	5.00	10.0	25.0
Bromoform	CBZ	Lin	+++++ 344125	3912 783185	22668	48396	144033	+++++ 50.0	1.00 100	5.00	10.0	25.0
Isopropylbenzene	DCB	Ave	+++++ 2825181	54368 5355777	295007	519437	1394685	+++++ 50.0	1.00 100	5.00	10.0	25.0
Bromobenzene	DCB	Ave	+++++ 712734	14254 1398879	72304	137119	347293	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 802361	14457 1577397	78598	154622	380702	+++++ 50.0	1.00 100	5.00	10.0	25.0
N-Propylbenzene	DCB	Ave	+++++ 3349923	63871 6304665	350908	614779	1625114	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 259375	5006 503727	26167	52314	127631	+++++ 50.0	1.00 100	5.00	10.0	25.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 264138	3706 544389	21551	43842	118329	+++++ 50.0	1.00 100	5.00	10.0	25.0
2-Chlorotoluene	DCB	Ave	+++++ 655923	12679 1259537	69346	123280	312900	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 2404237	44545 4619199	247909	438301	1153767	+++++ 50.0	1.00 100	5.00	10.0	25.0
4-Chlorotoluene	DCB	Ave	+++++ 676836	12971 1328324	71958	128767	324231	+++++ 50.0	1.00 100	5.00	10.0	25.0
tert-Butylbenzene	DCB	Ave	+++++ 540500	9793 1010746	55195	96686	259734	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 2484608	44989 4748885	252089	461124	1208694	+++++ 50.0	1.00 100	5.00	10.0	25.0
sec-Butylbenzene	DCB	Ave	+++++ 3009267	56109 5649613	312985	552607	1477795	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 1341571	25467 2575059	140872	260169	659063	+++++ 50.0	1.00 100	5.00	10.0	25.0
4-Isopropyltoluene	DCB	Ave	+++++ 2571186	44795 4861304	260279	472512	1263342	+++++ 50.0	1.00 100	5.00	10.0	25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190357

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 19:46 Calibration End Date: 06/27/2014 22:01 Calibration ID: 19171

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCB	Ave	+++++ 1373546	27184 2687534	140172	258712	666823	+++++ 50.0	1.00 100	5.00	10.0	25.0
n-Butylbenzene	DCB	Ave	+++++ 2359330	39444 4439245	229115	420983	1141249	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 1318429	25440 2559021	133413	255642	645005	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 152370	1820 307605	10924	23537	65297	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 904196	14420 1612309	80483	162827	433549	+++++ 50.0	1.00 100	5.00	10.0	25.0
Hexachlorobutadiene	DCB	Ave	+++++ 417040	7668 697175	43008	79435	208408	+++++ 50.0	1.00 100	5.00	10.0	25.0
Naphthalene	DCB	Ave	+++++ 2435859	34097 4280258	204711	451878	1183754	+++++ 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 790959	14366 1356920	77118	154493	395592	+++++ 50.0	1.00 100	5.00	10.0	25.0
Dibromofluoromethane (Surr)	FB	Ave	204920 222144	207765 218995	215837	215595	218239	25.0 25.0	25.0 25.0	25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	160772 162539	160744 153156	161857	160459	158122	25.0 25.0	25.0 25.0	25.0	25.0	25.0
Toluene-d8 (Surr)	CBZ	Ave	924023 927861	931891 916645	946935	933908	928903	25.0 25.0	25.0 25.0	25.0	25.0	25.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	285724 310633	285816 311722	297478	302093	304099	25.0 25.0	25.0 25.0	25.0	25.0	25.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39779.D
Lims ID: IC 0.5
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Jun-2014 19:46:30 ALS Bottle#: 1 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 0.5
Misc. Info.: 480-0033365-006 =480-0033365-006
Operator ID: NQ Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 16:47:39 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: nguyendudziaknq Date: 30-Jun-2014 17:10:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	192054	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	85	375720	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.695	8.696	-0.001	95	335195	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.060	4.060	0.000	58	204920	25.0	24.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	160772	25.0	25.7	
$ 5 Toluene-d8 (Surr)	98	5.696	5.696	0.000	93	924023	25.0	25.7	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	87	285724	25.0	24.7	
10 Dichlorodifluoromethane	85		1.201					ND	
12 Chloromethane	50		1.322					ND	
13 Vinyl chloride	62		1.408					ND	
151 Butadiene	54		1.426					ND	
14 Bromomethane	94		1.663					ND	
15 Chloroethane	64		1.748					ND	
16 Dichlorofluoromethane	67		1.900					ND	
17 Trichlorofluoromethane	101		1.900					ND	
18 Ethyl ether	59		2.095					ND	
20 Acrolein	56		2.259					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.296					ND	
22 1,1-Dichloroethene	96		2.320					ND	
23 Acetone	43		2.387					ND	
25 Iodomethane	142		2.478					ND	
26 Carbon disulfide	76		2.490					ND	
28 3-Chloro-1-propene	41		2.588					ND	
27 Methyl acetate	43		2.624					ND	
30 Methylene Chloride	84		2.770					ND	
31 2-Methyl-2-propanol	59		2.843					ND	
32 Methyl tert-butyl ether	73		2.880					ND	
34 trans-1,2-Dichloroethene	96		2.892					ND	
33 Acrylonitrile	53	2.959	2.953	0.006	99	27960	5.00	5.15	
35 Hexane	57		3.050					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63		3.239					ND	
37 Vinyl acetate	43		3.281					ND	
44 2,2-Dichloropropane	77		3.665					ND	
45 cis-1,2-Dichloroethene	96		3.689					ND	
43 2-Butanone (MEK)	43		3.725					ND	
48 Chlorobromomethane	128		3.877					ND	
49 Tetrahydrofuran	42		3.902					ND	
50 Chloroform	83		3.938					ND	
51 1,1,1-Trichloroethane	97		4.030					ND	
52 Cyclohexane	56		4.036					ND	
55 Carbon tetrachloride	117		4.139					ND	
54 1,1-Dichloropropene	75		4.151					ND	
53 Isobutyl alcohol	43		4.315					ND	
57 Benzene	78		4.315					ND	
58 1,2-Dichloroethane	62		4.370					ND	
59 n-Heptane	43		4.443					ND	
62 Trichloroethene	95		4.790					ND	
64 Methylcyclohexane	83		4.881					ND	
65 1,2-Dichloropropane	63		4.985					ND	
67 Dibromomethane	93		5.088					ND	
66 1,4-Dioxane	88		5.100					ND	
68 Dichlorobromomethane	83		5.204					ND	
69 2-Chloroethyl vinyl ether	63		5.423					ND	
72 cis-1,3-Dichloropropene	75		5.526					ND	
73 4-Methyl-2-pentanone (MIBK	43		5.642					ND	
74 Toluene	92		5.751					ND	
77 trans-1,3-Dichloropropene	75		5.958					ND	
75 Ethyl methacrylate	69		5.988					ND	
79 1,1,2-Trichloroethane	83		6.104					ND	
81 Tetrachloroethene	166		6.147					ND	
82 1,3-Dichloropropane	76		6.232					ND	
80 2-Hexanone	43		6.280					ND	
83 Chlorodibromomethane	129		6.408					ND	
84 Ethylene Dibromide	107		6.493					ND	
87 Chlorobenzene	112		6.846					ND	
88 Ethylbenzene	91		6.913					ND	
89 1,1,1,2-Tetrachloroethane	131		6.913					ND	
90 m-Xylene & p-Xylene	106		7.004					ND	
91 o-Xylene	106		7.321					ND	
92 Styrene	104		7.345					ND	
95 Bromoform	173		7.534					ND	
94 Isopropylbenzene	105		7.607					ND	
101 Bromobenzene	156		7.880					ND	
97 1,1,2,2-Tetrachloroethane	83		7.917					ND	
99 N-Propylbenzene	91		7.935					ND	
100 1,2,3-Trichloropropane	110		7.947					ND	
98 trans-1,4-Dichloro-2-buten	53		7.953					ND	
103 2-Chlorotoluene	126		8.026					ND	
102 1,3,5-Trimethylbenzene	105		8.081					ND	
105 4-Chlorotoluene	126		8.118					ND	
106 tert-Butylbenzene	134		8.343					ND	
107 1,2,4-Trimethylbenzene	105		8.385					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105		8.519					ND	
110 4-Isopropyltoluene	119		8.641					ND	
111 1,3-Dichlorobenzene	146		8.641					ND	
113 1,4-Dichlorobenzene	146		8.714					ND	
115 n-Butylbenzene	91		8.976					ND	
116 1,2-Dichlorobenzene	146		9.024					ND	
117 1,2-Dibromo-3-Chloropropan	75		9.699					ND	
119 1,2,4-Trichlorobenzene	180		10.344					ND	
120 Hexachlorobutadiene	225		10.454					ND	
121 Naphthalene	128		10.563					ND	
122 1,2,3-Trichlorobenzene	180		10.752					ND	
S 123 Total BTEX	1		30.000					0	
S 124 Xylenes, Total	1		30.000					0	
S 125 1,2-Dichloroethene, Total	1		30.000					0	
S 126 1,3-Dichloropropene, Total	1		30.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

8260 CORP mix_00012	Amount Added:	0.50	Units: uL	
GAS CORP mix_00034	Amount Added:	0.50	Units: uL	
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00088	Amount Added:	1.00	Units: uL	Run Reagent

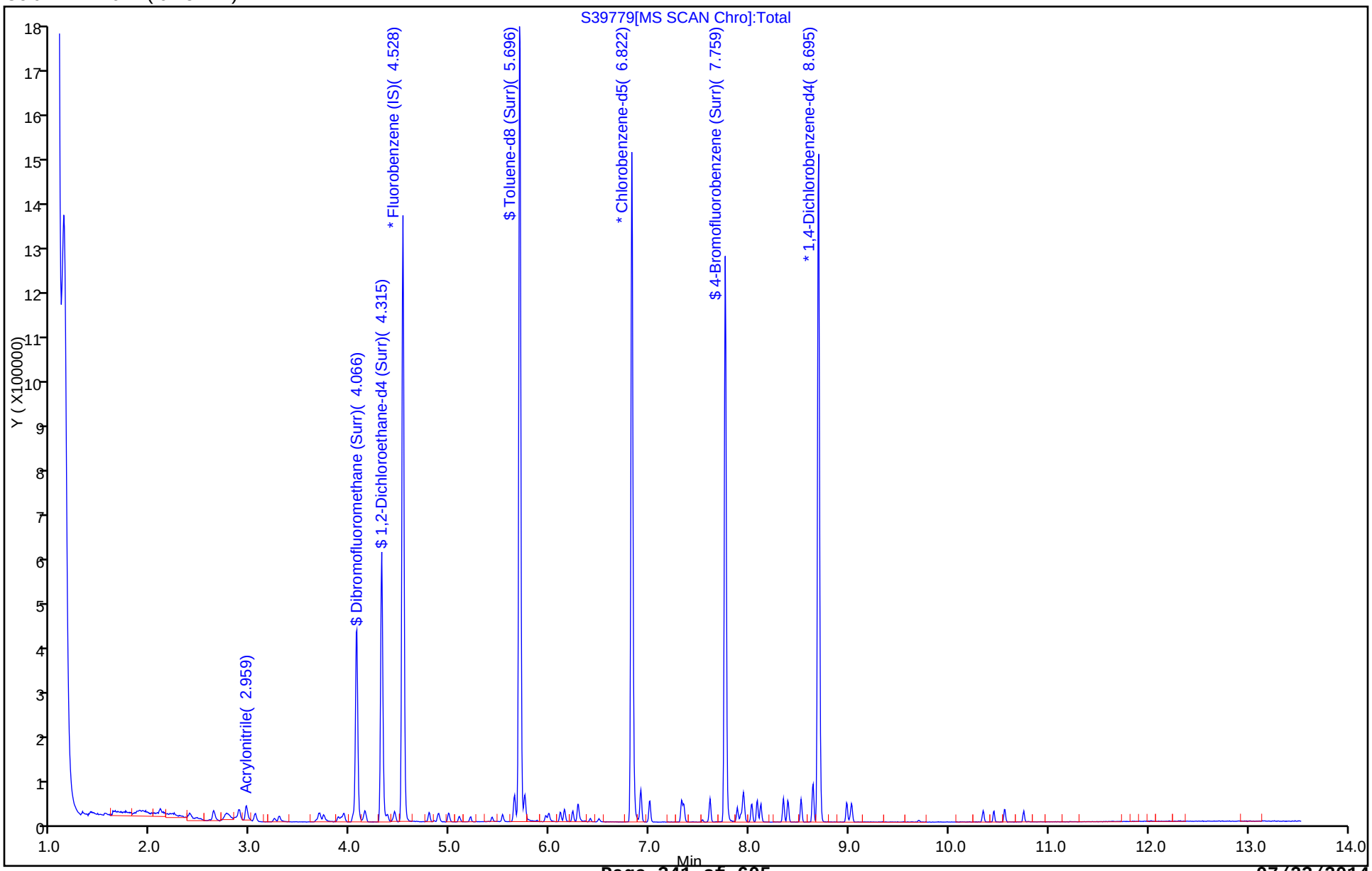
Report Date: 08-Jul-2014 16:47:42 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39779.D

Injection Date:	27-Jun-2014 19:46:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	IC 0.5			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39780.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Jun-2014 20:08:30 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0033365-007 =480-0033365-007
Operator ID: NQ Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 16:50:05 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: nguyendudziaknq Date: 08-Jul-2014 11:14:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	195264	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	379667	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.695	8.696	-0.001	95	337590	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.066	4.060	0.006	63	207765	25.0	24.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	160744	25.0	25.2	
$ 5 Toluene-d8 (Surr)	98	5.696	5.696	0.000	93	931891	25.0	25.7	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	87	285816	25.0	24.5	
10 Dichlorodifluoromethane	85	1.201	1.201	-0.001	44	10049	1.00	0.8972	
12 Chloromethane	50	1.322	1.322	0.000	72	14630	1.00	1.04	
13 Vinyl chloride	62	1.401	1.408	-0.007	42	12449	1.00	0.9310	
151 Butadiene	54	1.420	1.426	-0.006	67	7381	1.00	0.7825	
14 Bromomethane	94	1.657	1.663	-0.006	23	5708	1.00	1.09	
15 Chloroethane	64	1.742	1.748	-0.006	35	8250	1.00	1.09	
16 Dichlorofluoromethane	67	1.900	1.900	0.000	50	16211	1.00	0.9591	
17 Trichlorofluoromethane	101	1.900	1.900	0.000	20	11758	1.00	0.8336	
18 Ethyl ether	59	2.095	2.095	0.000	78	10775	1.00	1.05	
20 Acrolein	56	2.259	2.259	0.000	78	9570	5.00	5.46	
21 1,1,2-Trichloro-1,2,2-trif	101	2.289	2.296	-0.007	1	7683	1.00	0.8342	
22 1,1-Dichloroethene	96	2.332	2.320	0.012	59	12516	1.00	1.05	
23 Acetone	43	2.393	2.387	0.006	94	26014	5.00	5.54	
25 Iodomethane	142	2.472	2.478	-0.006	33	9820	1.00	0.8294	
26 Carbon disulfide	76	2.502	2.490	0.012	51	34615	1.00	1.12	
28 3-Chloro-1-propene	41	2.594	2.588	0.006	44	14483	1.00	1.17	
27 Methyl acetate	43	2.630	2.624	0.006	96	63603	5.00	5.41	M
30 Methylene Chloride	84	2.764	2.770	-0.006	77	29812	1.00	0.8741	
31 2-Methyl-2-propanol	59	2.849	2.843	0.006	78	16369	10.0	9.76	
32 Methyl tert-butyl ether	73	2.880	2.880	0.000	86	35316	1.00	1.01	
34 trans-1,2-Dichloroethene	96	2.892	2.892	0.000	73	10973	1.00	0.99	
33 Acrylonitrile	53	2.953	2.953	0.000	100	55668	10.0	10.1	
35 Hexane	57	3.050	3.050	0.000	87	16583	1.00	1.14	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.239	3.239	-0.001	52	19415	1.00	1.13	
37 Vinyl acetate	43	3.287	3.281	0.006	95	37677	2.00	1.73	
44 2,2-Dichloropropane	77	3.658	3.665	-0.007	40	6382	1.00	1.02	
45 cis-1,2-Dichloroethene	96	3.689	3.689	0.000	56	12094	1.00	1.04	
43 2-Butanone (MEK)	43	3.731	3.725	0.006	99	39418	5.00	5.19	
48 Chlorobromomethane	128	3.877	3.877	0.000	82	5810	1.00	1.04	
49 Tetrahydrofuran	42	3.908	3.902	0.006	83	11019	2.00	2.17	
50 Chloroform	83	3.938	3.938	0.000	70	20680	1.00	1.09	
51 1,1,1-Trichloroethane	97	4.029	4.030	-0.001	60	10404	1.00	0.9838	
52 Cyclohexane	56	4.029	4.036	-0.007	78	18903	1.00	1.02	M
55 Carbon tetrachloride	117	4.139	4.139	0.000	62	8900	1.00	0.8740	
54 1,1-Dichloropropene	75	4.151	4.151	0.000	82	14671	1.00	1.03	
53 Isobutyl alcohol	43	4.443	4.315	0.128	56	19866	25.0	26.1	
57 Benzene	78	4.315	4.315	0.000	48	50120	1.00	1.08	
58 1,2-Dichloroethane	62	4.370	4.370	0.000	71	17702	1.00	1.07	
59 n-Heptane	43	4.443	4.443	0.000	85	20194	1.00	1.19	
62 Trichloroethene	95	4.790	4.790	0.000	80	11157	1.00	1.01	
64 Methylcyclohexane	83	4.887	4.881	0.006	82	16094	1.00	0.9453	
65 1,2-Dichloropropane	63	4.984	4.985	-0.001	73	11060	1.00	0.9649	
67 Dibromomethane	93	5.088	5.088	0.000	80	6297	1.00	0.9311	
66 1,4-Dioxane	88	5.106	5.100	0.006	41	1417	20.0	22.0	
68 Dichlorobromomethane	83	5.204	5.204	0.000	70	10736	1.00	0.8407	
69 2-Chloroethyl vinyl ether	63	5.423	5.423	-0.001	69	6967	1.00	0.8306	
72 cis-1,3-Dichloropropene	75	5.526	5.526	0.000	58	13703	1.00	0.8329	
73 4-Methyl-2-pentanone (MIBK	43	5.648	5.642	0.006	96	70582	5.00	4.80	
74 Toluene	92	5.751	5.751	0.000	93	31680	1.00	1.13	
77 trans-1,3-Dichloropropene	75	5.964	5.958	0.006	63	11008	1.00	0.8037	
75 Ethyl methacrylate	69	5.994	5.988	0.006	80	13417	1.00	0.8165	
79 1,1,2-Trichloroethane	83	6.110	6.104	0.006	72	8714	1.00	1.01	
81 Tetrachloroethene	166	6.146	6.147	-0.001	85	12311	1.00	1.06	
82 1,3-Dichloropropane	76	6.232	6.232	0.000	85	19095	1.00	1.00	
80 2-Hexanone	43	6.286	6.280	0.006	96	50352	5.00	4.65	
83 Chlorodibromomethane	129	6.408	6.408	0.000	52	6389	1.00	0.7615	
84 Ethylene Dibromide	107	6.493	6.493	0.000	56	9122	1.00	0.8860	
87 Chlorobenzene	112	6.846	6.846	0.000	89	33247	1.00	1.06	
88 Ethylbenzene	91	6.913	6.913	0.000	97	57995	1.00	1.08	
89 1,1,1,2-Tetrachloroethane	131	6.913	6.913	0.000	62	7967	1.00	0.8850	
90 m-Xylene & p-Xylene	106	7.004	7.004	0.000	0	21508	1.00	1.03	
91 o-Xylene	106	7.321	7.321	0.000	95	20973	1.00	1.03	
92 Styrene	104	7.345	7.345	0.000	86	32440	1.00	0.9330	
95 Bromoform	173	7.534	7.534	0.000	57	3912	1.00	3.98	
94 Isopropylbenzene	105	7.607	7.607	0.000	89	54368	1.00	1.04	
101 Bromobenzene	156	7.880	7.880	0.000	87	14254	1.00	1.07	
97 1,1,2,2-Tetrachloroethane	83	7.917	7.917	0.000	72	14457	1.00	0.9898	
99 N-Propylbenzene	91	7.935	7.935	0.000	96	63871	1.00	1.04	
100 1,2,3-Trichloropropane	110	7.947	7.947	0.000	65	5006	1.00	1.03	
98 trans-1,4-Dichloro-2-buten	53	7.953	7.953	0.000	47	3706	1.00	0.8468	
103 2-Chlorotoluene	126	8.026	8.026	0.000	91	12679	1.00	1.04	
102 1,3,5-Trimethylbenzene	105	8.081	8.081	0.000	88	44545	1.00	1.01	
105 4-Chlorotoluene	126	8.118	8.118	0.000	91	12971	1.00	1.03	
106 tert-Butylbenzene	134	8.343	8.343	0.000	84	9793	1.00	1.00	
107 1,2,4-Trimethylbenzene	105	8.385	8.385	0.000	90	44989	1.00	0.99	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.519	8.519	0.000	86	56109	1.00	1.02	
110 4-Isopropyltoluene	119	8.635	8.641	-0.006	93	44795	1.00	0.9646	
111 1,3-Dichlorobenzene	146	8.641	8.641	0.000	70	25467	1.00	1.02	
113 1,4-Dichlorobenzene	146	8.714	8.714	0.000	78	27184	1.00	1.06	
115 n-Butylbenzene	91	8.975	8.976	-0.001	90	39444	1.00	0.9464	
116 1,2-Dichlorobenzene	146	9.024	9.024	0.000	87	25440	1.00	1.04	
117 1,2-Dibromo-3-Chloropropan	75	9.699	9.699	0.000	2	1820	1.00	0.7689	
119 1,2,4-Trichlorobenzene	180	10.344	10.344	0.000	71	14420	1.00	0.9313	
120 Hexachlorobutadiene	225	10.454	10.454	0.000	68	7668	1.00	1.02	
121 Naphthalene	128	10.563	10.563	0.000	87	34097	1.00	0.8369	
122 1,2,3-Trichlorobenzene	180	10.752	10.752	0.000	79	14366	1.00	1.01	
S 123 Total BTEX	1				0			5.35	
S 124 Xylenes, Total	1				0			2.07	
S 125 1,2-Dichloroethene, Total	1				0			2.03	
S 126 1,3-Dichloropropene, Total	1				0			1.64	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00012	Amount Added:	1.00	Units: uL	
GAS CORP mix_00034	Amount Added:	1.00	Units: uL	
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00088	Amount Added:	1.00	Units: uL	Run Reagent

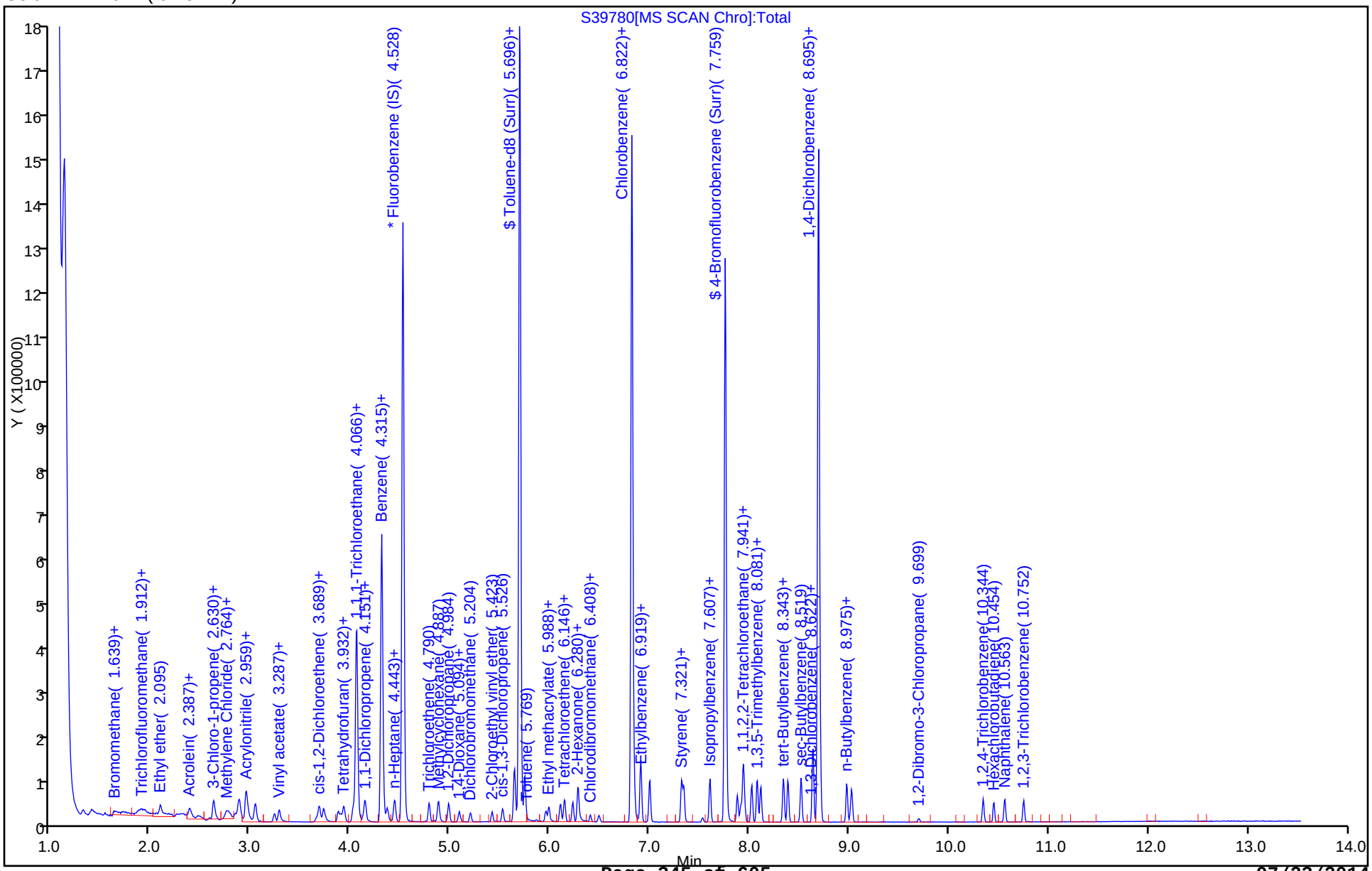
Report Date: 08-Jul-2014 16:50:05 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39780.D

Injection Date:	27-Jun-2014 20:08:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	IC			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

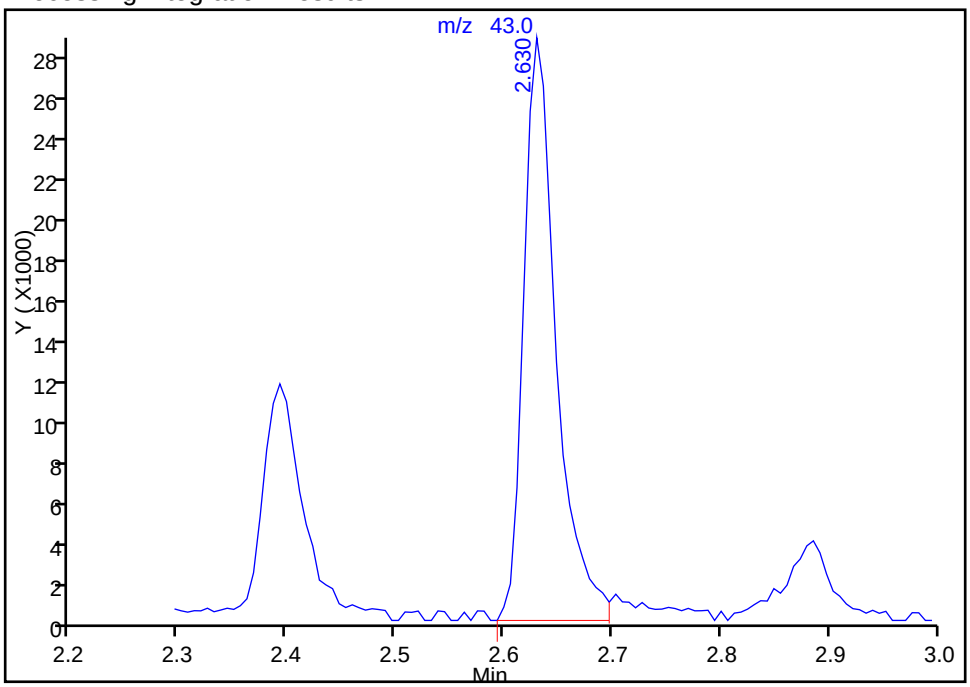
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39780.D
Injection Date: 27-Jun-2014 20:08:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: NQ ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

27 Methyl acetate, CAS: 79-20-9

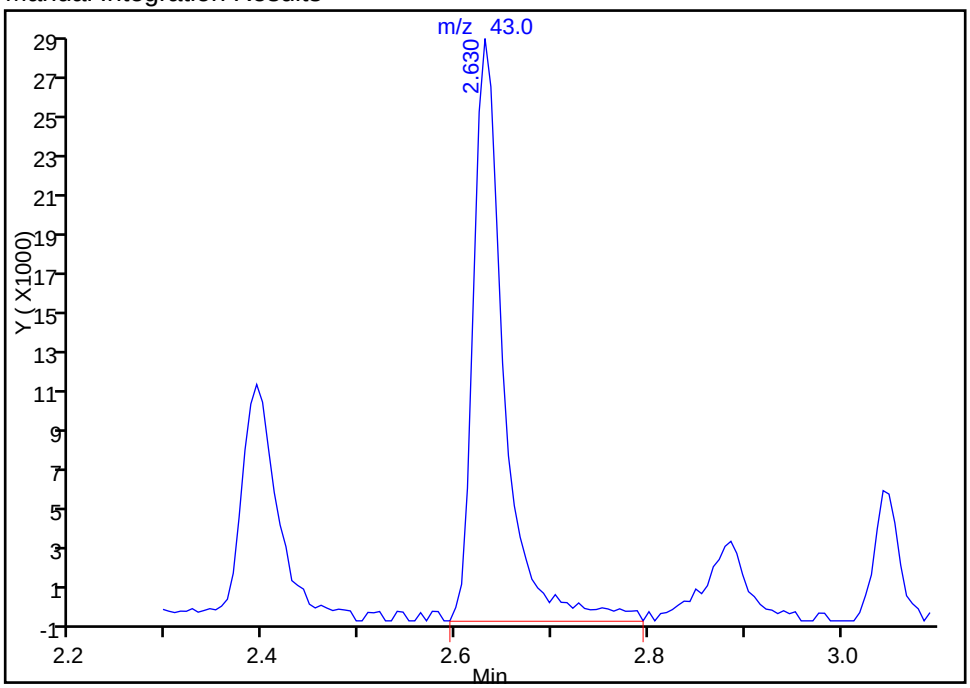
Processing Integration Results

RT: 2.63
Response: 59705
Amount: 5.135967



Manual Integration Results

RT: 2.63
Response: 63603
Amount: 5.410805



Reviewer: nguyendudziaknq, 30-Jun-2014 16:04:58
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

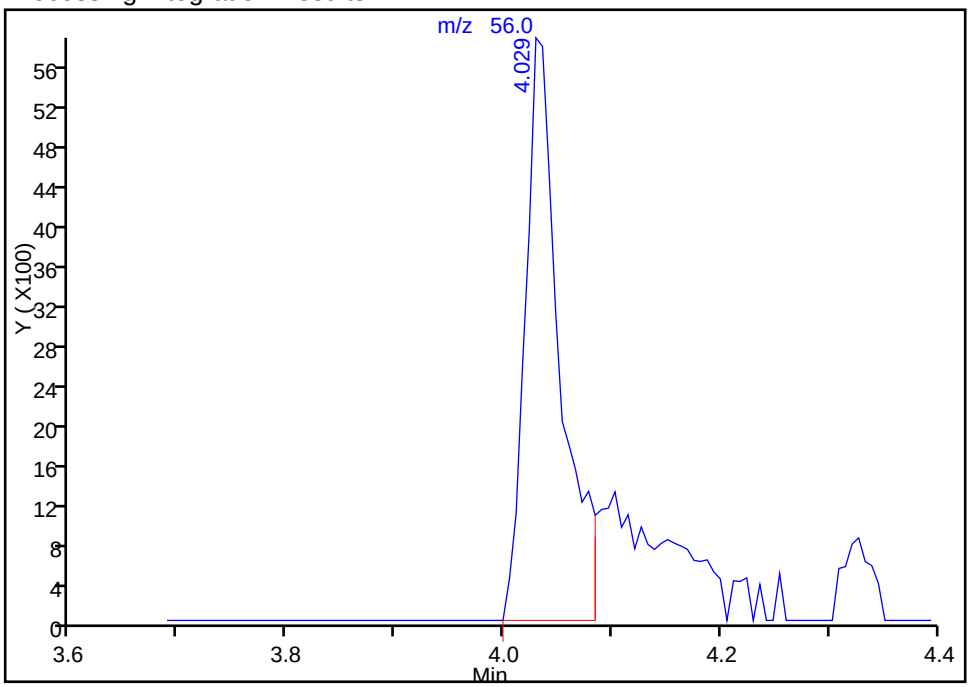
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39780.D
Injection Date: 27-Jun-2014 20:08:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: NQ ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

52 Cyclohexane, CAS: 110-82-7

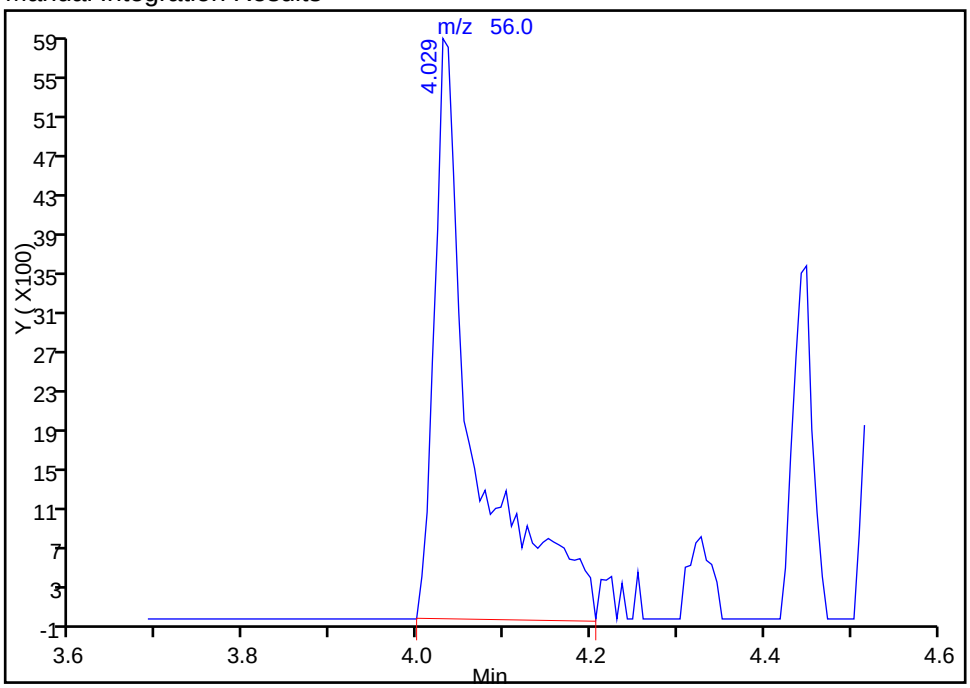
Processing Integration Results

RT: 4.03
Response: 13228
Amount: 1.144726



Manual Integration Results

RT: 4.03
Response: 18903
Amount: 1.016109



Reviewer: nguyendudziaknq, 30-Jun-2014 16:05:27
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39781.D
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 27-Jun-2014 20:31:30 ALS Bottle#: 3 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0033365-008 =480-0033365-008
Operator ID: NQ Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 16:51:41 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: nguyendudziaknq Date: 30-Jun-2014 17:10:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	197260	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	390678	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.696	8.696	0.000	93	347442	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.060	4.060	0.000	58	215837	25.0	24.9	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	161857	25.0	25.2	
$ 5 Toluene-d8 (Surr)	98	5.696	5.696	0.000	92	946935	25.0	25.4	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	87	297478	25.0	24.7	
10 Dichlorodifluoromethane	85	1.195	1.201	-0.007	81	61385	5.00	5.42	
12 Chloromethane	50	1.322	1.322	0.000	88	77759	5.00	5.47	
13 Vinyl chloride	62	1.401	1.408	-0.007	83	75027	5.00	5.55	
151 Butadiene	54	1.420	1.426	-0.006	94	49214	5.00	5.16	
14 Bromomethane	94	1.663	1.663	0.000	89	26183	5.00	4.96	
15 Chloroethane	64	1.748	1.748	0.000	83	41814	5.00	5.45	
16 Dichlorofluoromethane	67	1.894	1.900	-0.006	80	89966	5.00	5.27	
17 Trichlorofluoromethane	101	1.900	1.900	0.000	51	78726	5.00	5.52	
18 Ethyl ether	59	2.095	2.095	0.000	90	54569	5.00	5.25	
20 Acrolein	56	2.253	2.259	-0.006	95	41764	25.0	23.6	
21 1,1,2-Trichloro-1,2,2-trif	101	2.302	2.296	0.006	57	50816	5.00	5.46	
22 1,1-Dichloroethene	96	2.326	2.320	0.006	80	63259	5.00	5.26	
23 Acetone	43	2.387	2.387	0.000	99	124297	25.0	26.2	
25 Iodomethane	142	2.472	2.478	-0.006	96	59696	5.00	4.99	
26 Carbon disulfide	76	2.490	2.490	0.000	98	157808	5.00	5.03	
28 3-Chloro-1-propene	41	2.588	2.588	0.000	74	64905	5.00	5.18	
27 Methyl acetate	43	2.624	2.624	0.000	96	303120	25.0	25.5	
30 Methylene Chloride	84	2.764	2.770	-0.006	82	83190	5.00	5.35	
31 2-Methyl-2-propanol	59	2.843	2.843	0.000	94	83639	50.0	49.4	
32 Methyl tert-butyl ether	73	2.880	2.880	0.000	92	181517	5.00	5.15	
34 trans-1,2-Dichloroethene	96	2.892	2.892	0.000	89	60710	5.00	5.44	
33 Acrylonitrile	53	2.953	2.953	0.000	99	294854	50.0	52.9	
35 Hexane	57	3.044	3.050	-0.006	92	80042	5.00	5.45	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.239	3.239	0.000	83	90858	5.00	5.23	
37 Vinyl acetate	43	3.281	3.281	0.000	97	212598	10.0	9.69	
44 2,2-Dichloropropane	77	3.664	3.665	-0.001	85	33163	5.00	5.25	
45 cis-1,2-Dichloroethene	96	3.689	3.689	0.000	69	62659	5.00	5.33	
43 2-Butanone (MEK)	43	3.725	3.725	0.000	100	191379	25.0	24.9	
48 Chlorobromomethane	128	3.877	3.877	0.000	92	28574	5.00	5.07	
49 Tetrahydrofuran	42	3.902	3.902	0.000	90	52036	10.0	10.2	
50 Chloroform	83	3.932	3.938	-0.006	81	100912	5.00	5.26	
51 1,1,1-Trichloroethane	97	4.029	4.030	-0.001	90	55864	5.00	5.23	
52 Cyclohexane	56	4.029	4.036	-0.007	91	101140	5.00	5.38	M
55 Carbon tetrachloride	117	4.139	4.139	0.000	72	50639	5.00	4.92	M
54 1,1-Dichloropropene	75	4.151	4.151	0.000	91	76808	5.00	5.34	
57 Benzene	78	4.315	4.315	0.000	87	254888	5.00	5.44	
53 Isobutyl alcohol	43	4.321	4.315	0.006	89	91150	125.0	118.3	
58 1,2-Dichloroethane	62	4.370	4.370	0.000	84	87108	5.00	5.21	
59 n-Heptane	43	4.443	4.443	0.000	93	91182	5.00	5.34	
62 Trichloroethene	95	4.790	4.790	0.000	93	59503	5.00	5.34	
64 Methylcyclohexane	83	4.881	4.881	0.000	90	94456	5.00	5.49	M
65 1,2-Dichloropropane	63	4.985	4.985	0.000	89	61904	5.00	5.35	
67 Dibromomethane	93	5.088	5.088	0.000	91	35161	5.00	5.15	
66 1,4-Dioxane	88	5.100	5.100	0.000	44	12683	100.0	95.9	M
68 Dichlorobromomethane	83	5.204	5.204	0.000	91	62557	5.00	4.85	
69 2-Chloroethyl vinyl ether	63	5.423	5.423	0.000	88	41905	5.00	4.95	
72 cis-1,3-Dichloropropene	75	5.526	5.526	0.000	85	79811	5.00	4.80	
73 4-Methyl-2-pentanone (MIBK	43	5.642	5.642	0.000	97	389394	25.0	25.8	
74 Toluene	92	5.751	5.751	0.000	97	153197	5.00	5.32	
77 trans-1,3-Dichloropropene	75	5.958	5.958	0.000	91	66002	5.00	4.68	
75 Ethyl methacrylate	69	5.988	5.988	0.000	86	81648	5.00	4.83	
79 1,1,2-Trichloroethane	83	6.104	6.104	0.000	88	45785	5.00	5.14	
81 Tetrachloroethene	166	6.147	6.147	0.000	88	65285	5.00	5.47	
82 1,3-Dichloropropane	76	6.232	6.232	0.000	92	101830	5.00	5.20	
80 2-Hexanone	43	6.280	6.280	0.000	98	283435	25.0	25.4	
83 Chlorodibromomethane	129	6.408	6.408	0.000	84	38806	5.00	4.49	
84 Ethylene Dibromide	107	6.493	6.493	0.000	96	53800	5.00	5.08	
87 Chlorobenzene	112	6.846	6.846	0.000	92	173660	5.00	5.37	
89 1,1,1,2-Tetrachloroethane	131	6.913	6.913	0.000	83	45446	5.00	4.91	
88 Ethylbenzene	91	6.913	6.913	0.000	99	295165	5.00	5.33	
90 m-Xylene & p-Xylene	106	7.004	7.004	0.000	0	114875	5.00	5.37	
91 o-Xylene	106	7.321	7.321	0.000	97	110980	5.00	5.31	
92 Styrene	104	7.345	7.345	0.000	95	183681	5.00	5.13	
95 Bromoform	173	7.534	7.534	0.000	92	22668	5.00	6.37	
94 Isopropylbenzene	105	7.607	7.607	0.000	96	295007	5.00	5.49	
101 Bromobenzene	156	7.880	7.880	0.000	94	72304	5.00	5.27	
97 1,1,2,2-Tetrachloroethane	83	7.917	7.917	0.000	82	78598	5.00	5.23	
99 N-Propylbenzene	91	7.935	7.935	0.000	98	350908	5.00	5.53	
100 1,2,3-Trichloropropane	110	7.947	7.947	0.000	83	26167	5.00	5.23	
98 trans-1,4-Dichloro-2-buten	53	7.953	7.953	0.000	65	21551	5.00	4.78	
103 2-Chlorotoluene	126	8.026	8.026	0.000	95	69346	5.00	5.54	
102 1,3,5-Trimethylbenzene	105	8.081	8.081	0.000	76	247909	5.00	5.49	
105 4-Chlorotoluene	126	8.118	8.118	0.000	97	71958	5.00	5.54	
106 tert-Butylbenzene	134	8.343	8.343	0.000	90	55195	5.00	5.50	
107 1,2,4-Trimethylbenzene	105	8.385	8.385	0.000	97	252089	5.00	5.41	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.519	8.519	0.000	94	312985	5.00	5.51	
111 1,3-Dichlorobenzene	146	8.635	8.641	-0.006	74	140872	5.00	5.47	
110 4-Isopropyltoluene	119	8.641	8.641	0.000	94	260279	5.00	5.45	
113 1,4-Dichlorobenzene	146	8.714	8.714	0.000	92	140172	5.00	5.33	
115 n-Butylbenzene	91	8.975	8.976	-0.001	94	229115	5.00	5.34	
116 1,2-Dichlorobenzene	146	9.024	9.024	0.000	96	133413	5.00	5.29	
117 1,2-Dibromo-3-Chloropropan	75	9.699	9.699	0.000	52	10924	5.00	4.48	
119 1,2,4-Trichlorobenzene	180	10.344	10.344	0.000	92	80483	5.00	5.05	
120 Hexachlorobutadiene	225	10.454	10.454	0.000	91	43008	5.00	5.53	
121 Naphthalene	128	10.563	10.563	0.000	97	204711	5.00	4.88	
122 1,2,3-Trichlorobenzene	180	10.752	10.752	0.000	95	77118	5.00	5.25	
S 125 1,2-Dichloroethene, Total	1				0			10.8	
S 126 1,3-Dichloropropene, Total	1				0			9.48	
S 123 Total BTEX	1				0			26.8	
S 124 Xylenes, Total	1				0			10.7	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00012	Amount Added:	5.00	Units: uL	
GAS CORP mix_00034	Amount Added:	5.00	Units: uL	
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00088	Amount Added:	1.00	Units: uL	Run Reagent

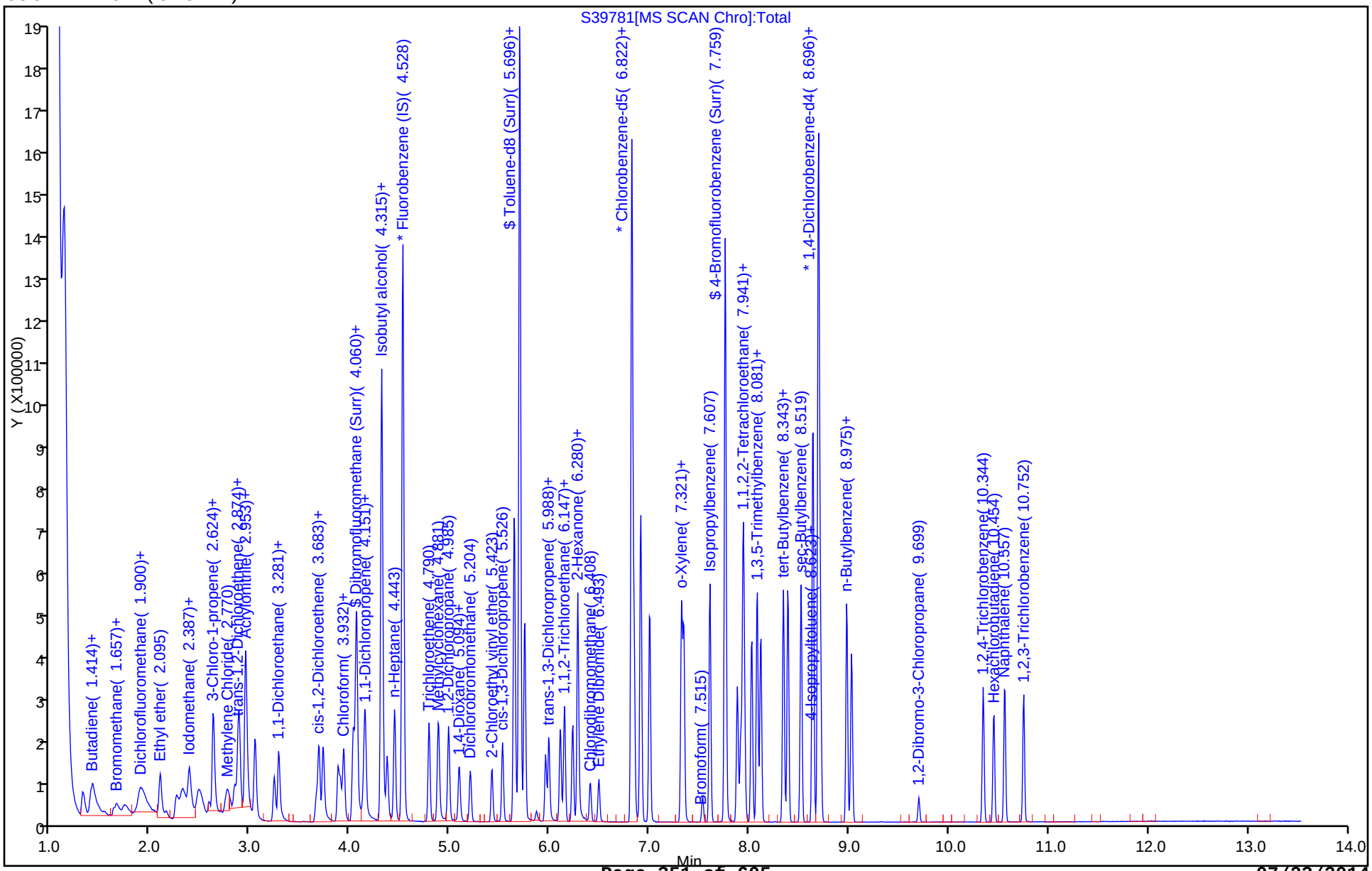
Report Date: 08-Jul-2014 16:51:42 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39781.D

Injection Date:	27-Jun-2014 20:31:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	IC 2			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

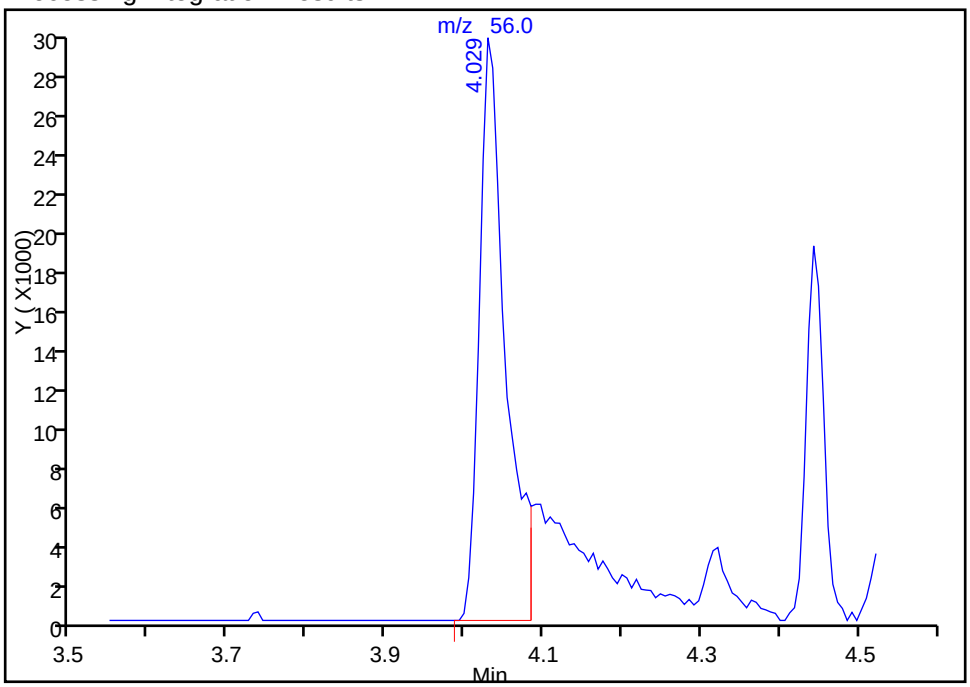
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39781.D
Injection Date: 27-Jun-2014 20:31:30 Instrument ID: HP5973S
Lims ID: IC 2
Client ID:
Operator ID: NQ ALS Bottle#: 3 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

52 Cyclohexane, CAS: 110-82-7

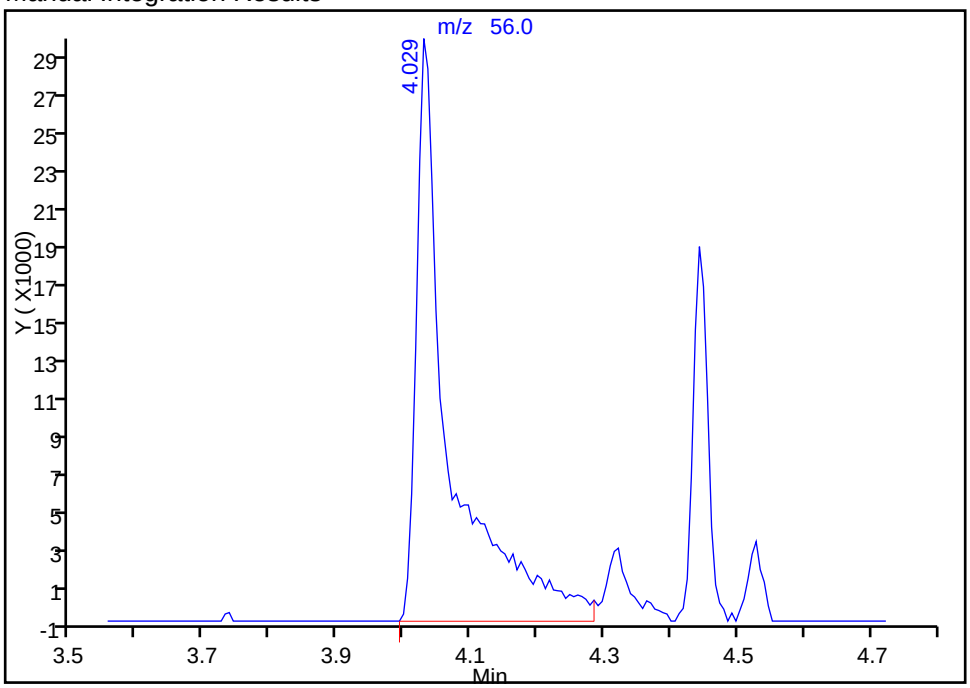
Processing Integration Results

RT: 4.03
Response: 67983
Amount: 3.843400



Manual Integration Results

RT: 4.03
Response: 101140
Amount: 5.381654



Reviewer: nguyendudziaknq, 30-Jun-2014 16:05:51
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

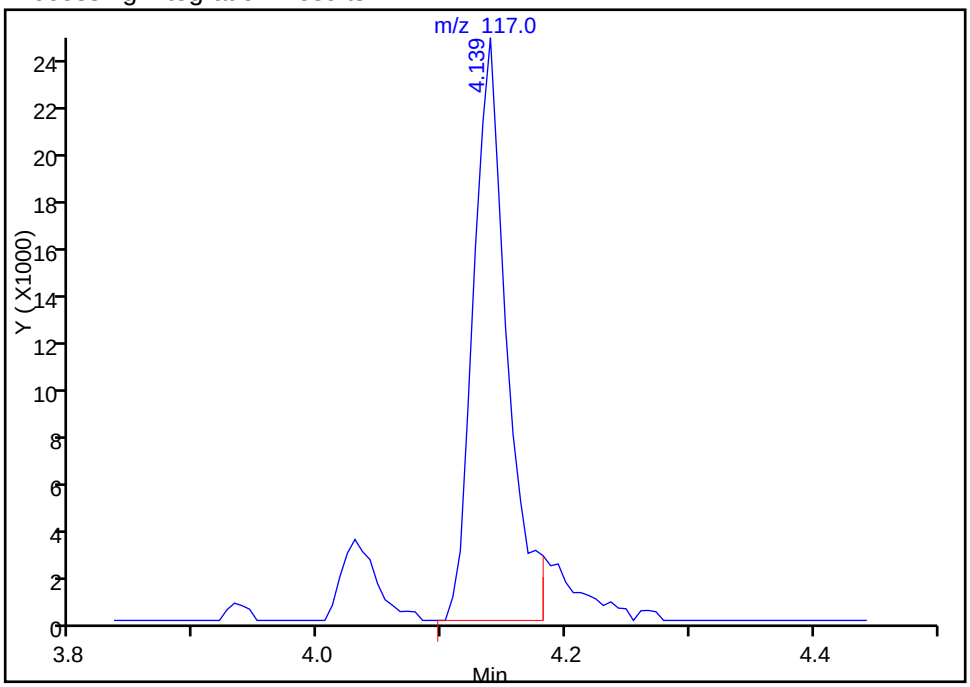
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39781.D
Injection Date: 27-Jun-2014 20:31:30 Instrument ID: HP5973S
Lims ID: IC 2
Client ID:
Operator ID: NQ ALS Bottle#: 3 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

55 Carbon tetrachloride, CAS: 56-23-5

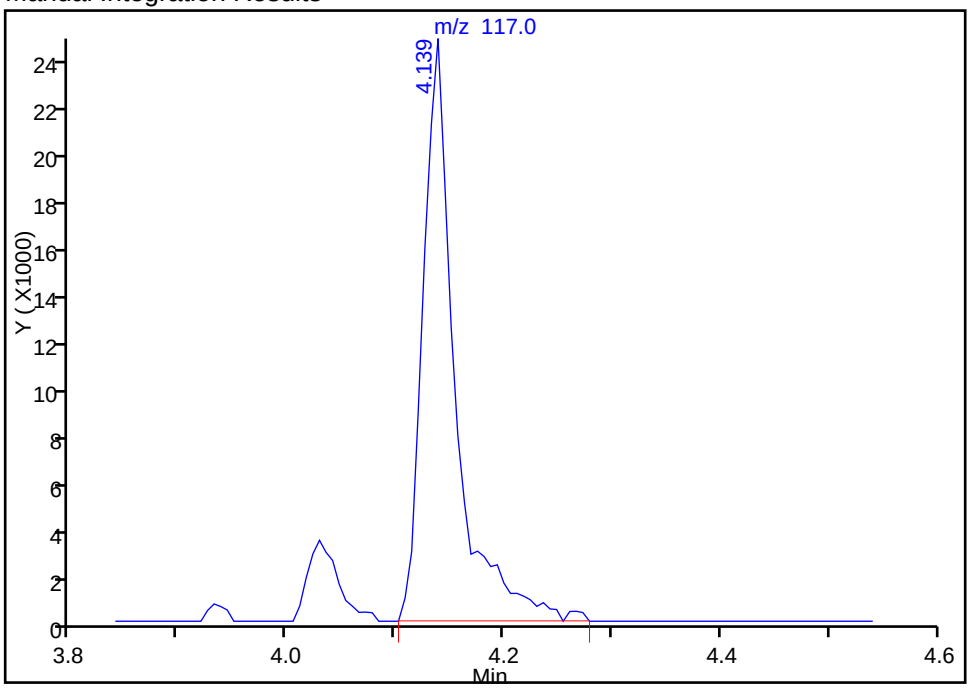
Processing Integration Results

RT: 4.14
Response: 45668
Amount: 4.512047



Manual Integration Results

RT: 4.14
Response: 50639
Amount: 4.922598



Reviewer: nguyendudziaknq, 30-Jun-2014 16:06:51
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

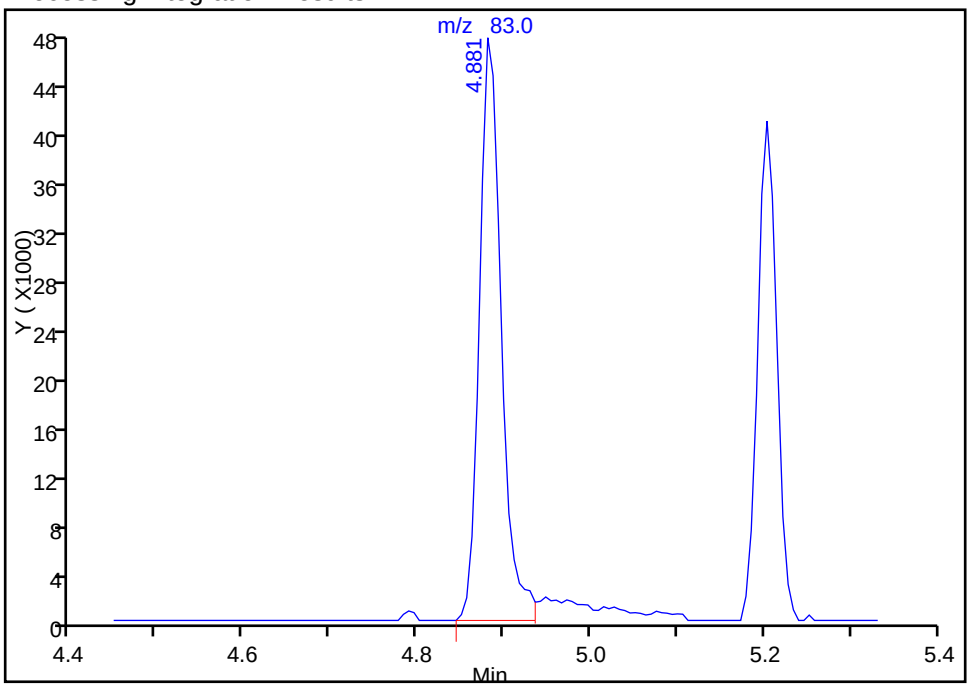
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39781.D
Injection Date: 27-Jun-2014 20:31:30 Instrument ID: HP5973S
Lims ID: IC 2
Client ID:
Operator ID: NQ ALS Bottle#: 3 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

Processing Integration Results

RT: 4.88
Response: 83738
Amount: 5.346295



Manual Integration Results

RT: 4.88
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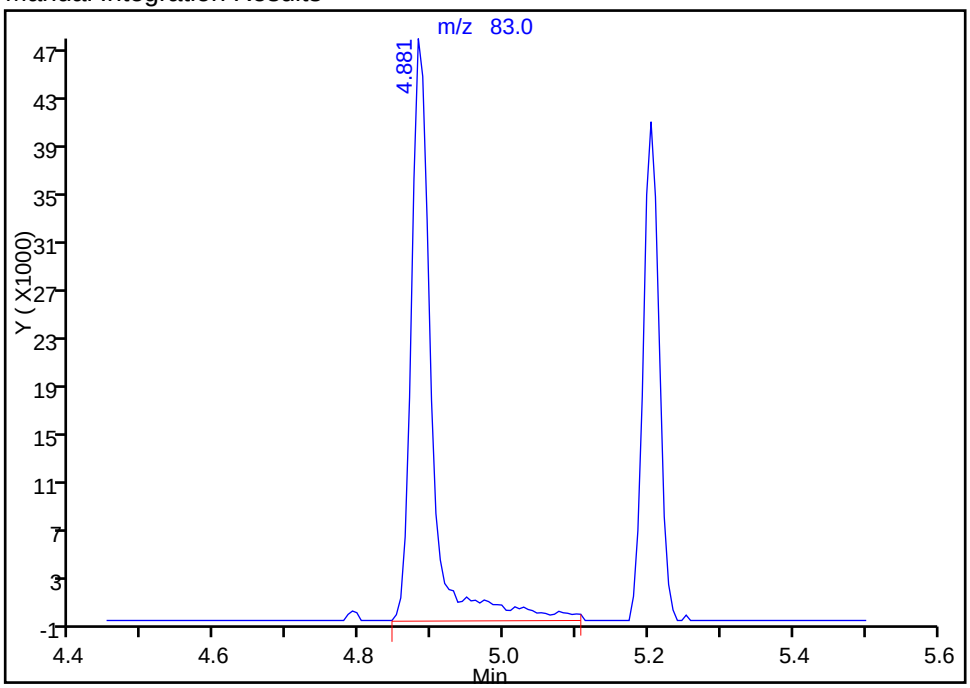
Amount: 5.491876



Reviewer: nguyendudziaknq, 30-Jun-2014 15:54:29
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

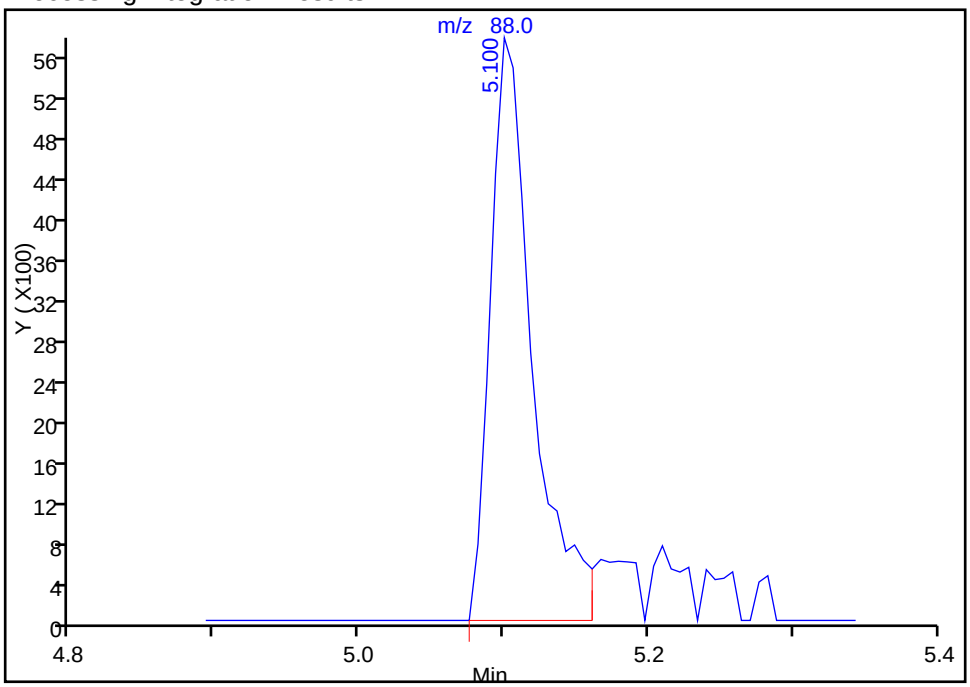
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39781.D
Injection Date: 27-Jun-2014 20:31:30 Instrument ID: HP5973S
Lims ID: IC 2
Client ID:
Operator ID: NQ ALS Bottle#: 3 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

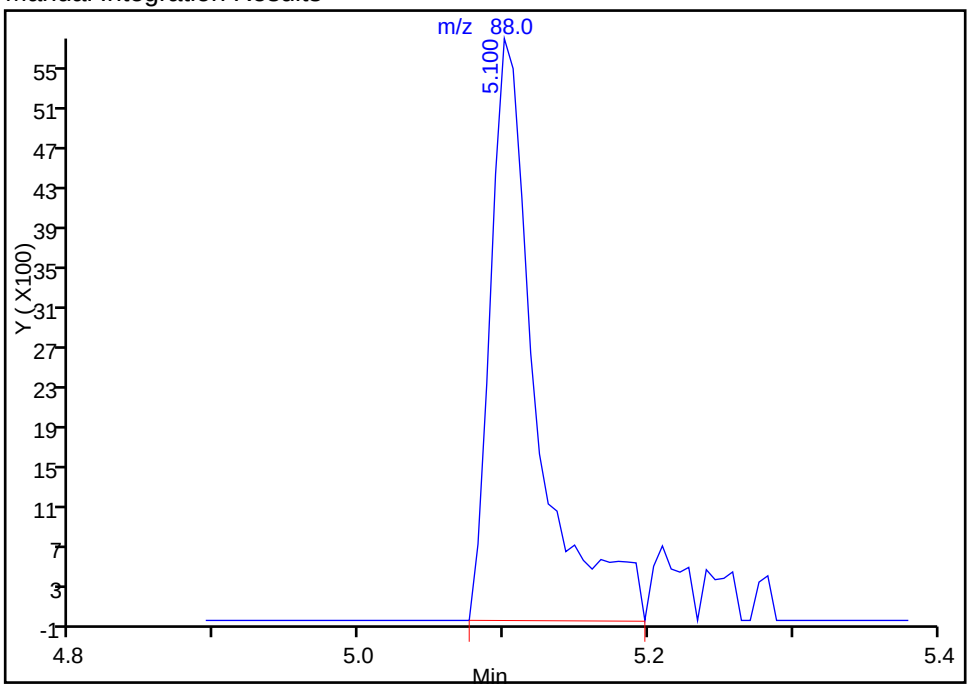
Processing Integration Results

RT: 5.10
Response: 11600
Amount: 101.9726



Manual Integration Results

RT: 5.10
Response: 12683
Amount: 95.901635



Reviewer: nguyendudziaknq, 30-Jun-2014 15:58:57
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39782.D
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Jun-2014 20:53:30 ALS Bottle#: 4 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0033365-009 =480-0033365-009
Operator ID: NQ Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 16:52:55 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: nguyendudziaknq Date: 30-Jun-2014 17:10:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	196369	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	393331	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.696	8.696	0.000	90	358821	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.060	4.060	0.000	66	215595	25.0	25.0	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	160459	25.0	25.1	
$ 5 Toluene-d8 (Surr)	98	5.696	5.696	0.000	92	933908	25.0	24.8	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	87	302093	25.0	24.9	
10 Dichlorodifluoromethane	85	1.195	1.195	0.000	85	109685	10.0	9.74	
12 Chloromethane	50	1.316	1.316	0.000	89	136432	10.0	9.64	
13 Vinyl chloride	62	1.401	1.401	0.000	83	132801	10.0	9.88	
151 Butadiene	54	1.426	1.426	0.000	88	95043	10.0	10.0	
14 Bromomethane	94	1.651	1.651	0.000	88	47983	10.0	9.13	
15 Chloroethane	64	1.742	1.742	0.000	91	72187	10.0	9.44	
16 Dichlorofluoromethane	67	1.894	1.894	0.000	81	161011	10.0	9.47	
17 Trichlorofluoromethane	101	1.906	1.906	0.000	54	137594	10.0	9.70	
18 Ethyl ether	59	2.095	2.095	0.000	90	101270	10.0	9.79	
20 Acrolein	56	2.259	2.259	0.000	98	87055	50.0	49.4	
21 1,1,2-Trichloro-1,2,2-trif	101	2.290	2.290	0.000	70	77144	10.0	8.33	
22 1,1-Dichloroethene	96	2.314	2.314	0.000	85	107882	10.0	9.01	
23 Acetone	43	2.387	2.387	0.000	99	237238	50.0	50.3	
25 Iodomethane	142	2.478	2.478	0.000	98	114778	10.0	9.64	
26 Carbon disulfide	76	2.490	2.490	0.000	99	276094	10.0	8.85	
28 3-Chloro-1-propene	41	2.588	2.588	0.000	78	114502	10.0	9.18	
27 Methyl acetate	43	2.624	2.624	0.000	96	595888	50.0	50.4	
30 Methylene Chloride	84	2.764	2.764	0.000	84	141688	10.0	10.3	
31 2-Methyl-2-propanol	59	2.843	2.843	0.000	94	161686	100.0	95.9	
32 Methyl tert-butyl ether	73	2.880	2.880	0.000	93	349524	10.0	9.96	
34 trans-1,2-Dichloroethene	96	2.892	2.892	0.000	92	105176	10.0	9.47	
33 Acrylonitrile	53	2.953	2.953	0.000	99	570858	100.0	102.8	
35 Hexane	57	3.044	3.044	0.000	92	127110	10.0	8.69	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.239	3.239	0.000	85	163831	10.0	9.48	
37 Vinyl acetate	43	3.281	3.281	0.000	97	427141	20.0	19.6	
44 2,2-Dichloropropane	77	3.665	3.665	0.000	87	57019	10.0	9.07	
45 cis-1,2-Dichloroethene	96	3.689	3.689	0.000	70	111411	10.0	9.52	
43 2-Butanone (MEK)	43	3.725	3.725	0.000	100	381966	50.0	50.0	
48 Chlorobromomethane	128	3.877	3.877	0.000	94	55072	10.0	9.81	
49 Tetrahydrofuran	42	3.902	3.902	0.000	90	101205	20.0	19.8	
50 Chloroform	83	3.938	3.938	0.000	81	180373	10.0	9.44	
51 1,1,1-Trichloroethane	97	4.030	4.030	0.000	91	96295	10.0	9.05	
52 Cyclohexane	56	4.036	4.036	0.000	90	162949	10.0	8.71	
55 Carbon tetrachloride	117	4.139	4.139	0.000	68	88667	10.0	8.66	
54 1,1-Dichloropropene	75	4.151	4.151	0.000	93	132048	10.0	9.23	
57 Benzene	78	4.315	4.315	0.000	95	441970	10.0	9.47	
53 Isobutyl alcohol	43	4.315	4.315	0.000	88	175707	250.0	229.1	
58 1,2-Dichloroethane	62	4.370	4.370	0.000	85	162251	10.0	9.75	
59 n-Heptane	43	4.443	4.443	0.000	92	154898	10.0	9.11	
62 Trichloroethene	95	4.790	4.790	0.000	95	103664	10.0	9.34	
64 Methylcyclohexane	83	4.881	4.881	0.000	91	152606	10.0	8.91	M
65 1,2-Dichloropropane	63	4.985	4.985	0.000	90	110189	10.0	9.56	
67 Dibromomethane	93	5.088	5.088	0.000	92	67221	10.0	9.88	
66 1,4-Dioxane	88	5.100	5.100	0.000	91	27924	200.0	195.1	M
68 Dichlorobromomethane	83	5.204	5.204	0.000	92	119735	10.0	9.32	
69 2-Chloroethyl vinyl ether	63	5.417	5.417	0.000	92	83202	10.0	9.86	
72 cis-1,3-Dichloropropene	75	5.526	5.526	0.000	88	153697	10.0	9.29	
73 4-Methyl-2-pentanone (MIBK	43	5.642	5.642	0.000	98	790534	50.0	51.9	
74 Toluene	92	5.751	5.751	0.000	98	269586	10.0	9.30	
77 trans-1,3-Dichloropropene	75	5.958	5.958	0.000	93	133579	10.0	9.41	
75 Ethyl methacrylate	69	5.988	5.988	0.000	86	167319	10.0	9.83	
79 1,1,2-Trichloroethane	83	6.104	6.104	0.000	88	89176	10.0	9.94	
81 Tetrachloroethene	166	6.147	6.147	0.000	87	110243	10.0	9.17	
82 1,3-Dichloropropane	76	6.232	6.232	0.000	93	193143	10.0	9.80	
80 2-Hexanone	43	6.280	6.280	0.000	97	573701	50.0	51.1	
83 Chlorodibromomethane	129	6.408	6.408	0.000	88	78991	10.0	9.09	
84 Ethylene Dibromide	107	6.493	6.493	0.000	97	106740	10.0	10.0	
87 Chlorobenzene	112	6.846	6.846	0.000	92	308779	10.0	9.48	
89 1,1,1,2-Tetrachloroethane	131	6.913	6.913	0.000	84	85840	10.0	9.20	
88 Ethylbenzene	91	6.913	6.913	0.000	99	521395	10.0	9.34	
90 m-Xylene & p-Xylene	106	6.998	6.998	0.000	0	201604	10.0	9.35	
91 o-Xylene	106	7.321	7.321	0.000	97	200767	10.0	9.54	
92 Styrene	104	7.345	7.345	0.000	95	346082	10.0	9.61	
95 Bromoform	173	7.534	7.534	0.000	96	48396	10.0	9.62	
94 Isopropylbenzene	105	7.607	7.607	0.000	96	519437	10.0	9.35	
101 Bromobenzene	156	7.880	7.880	0.000	95	137119	10.0	9.67	
97 1,1,2,2-Tetrachloroethane	83	7.917	7.917	0.000	81	154622	10.0	9.96	
99 N-Propylbenzene	91	7.935	7.935	0.000	97	614779	10.0	9.39	
100 1,2,3-Trichloropropane	110	7.947	7.947	0.000	84	52314	10.0	10.1	
98 trans-1,4-Dichloro-2-buten	53	7.953	7.953	0.000	72	43842	10.0	9.43	
103 2-Chlorotoluene	126	8.026	8.026	0.000	96	123280	10.0	9.53	
102 1,3,5-Trimethylbenzene	105	8.081	8.081	0.000	74	438301	10.0	9.39	
105 4-Chlorotoluene	126	8.118	8.118	0.000	97	128767	10.0	9.60	
106 tert-Butylbenzene	134	8.343	8.343	0.000	91	96686	10.0	9.33	
107 1,2,4-Trimethylbenzene	105	8.385	8.385	0.000	97	461124	10.0	9.59	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.519	8.519	0.000	95	552607	10.0	9.42	
111 1,3-Dichlorobenzene	146	8.635	8.635	0.000	73	260169	10.0	9.78	
110 4-Isopropyltoluene	119	8.641	8.641	0.000	96	472512	10.0	9.57	
113 1,4-Dichlorobenzene	146	8.714	8.714	0.000	92	258712	10.0	9.52	
115 n-Butylbenzene	91	8.975	8.975	0.000	95	420983	10.0	9.50	
116 1,2-Dichlorobenzene	146	9.024	9.024	0.000	96	255642	10.0	9.81	
117 1,2-Dibromo-3-Chloropropan	75	9.699	9.699	0.000	67	23537	10.0	9.36	
119 1,2,4-Trichlorobenzene	180	10.344	10.344	0.000	93	162827	10.0	9.89	
120 Hexachlorobutadiene	225	10.454	10.454	0.000	94	79435	10.0	9.90	
121 Naphthalene	128	10.563	10.563	0.000	97	451878	10.0	10.4	
122 1,2,3-Trichlorobenzene	180	10.752	10.752	0.000	93	154493	10.0	10.2	
S 125 1,2-Dichloroethene, Total	1				0			19.0	
S 126 1,3-Dichloropropene, Total	1				0			18.7	
S 123 Total BTEX	1				0			47.0	
S 124 Xylenes, Total	1				0			18.9	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00012	Amount Added:	5.00	Units: uL	
GAS CORP mix_00034	Amount Added:	5.00	Units: uL	
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00088	Amount Added:	1.00	Units: uL	Run Reagent

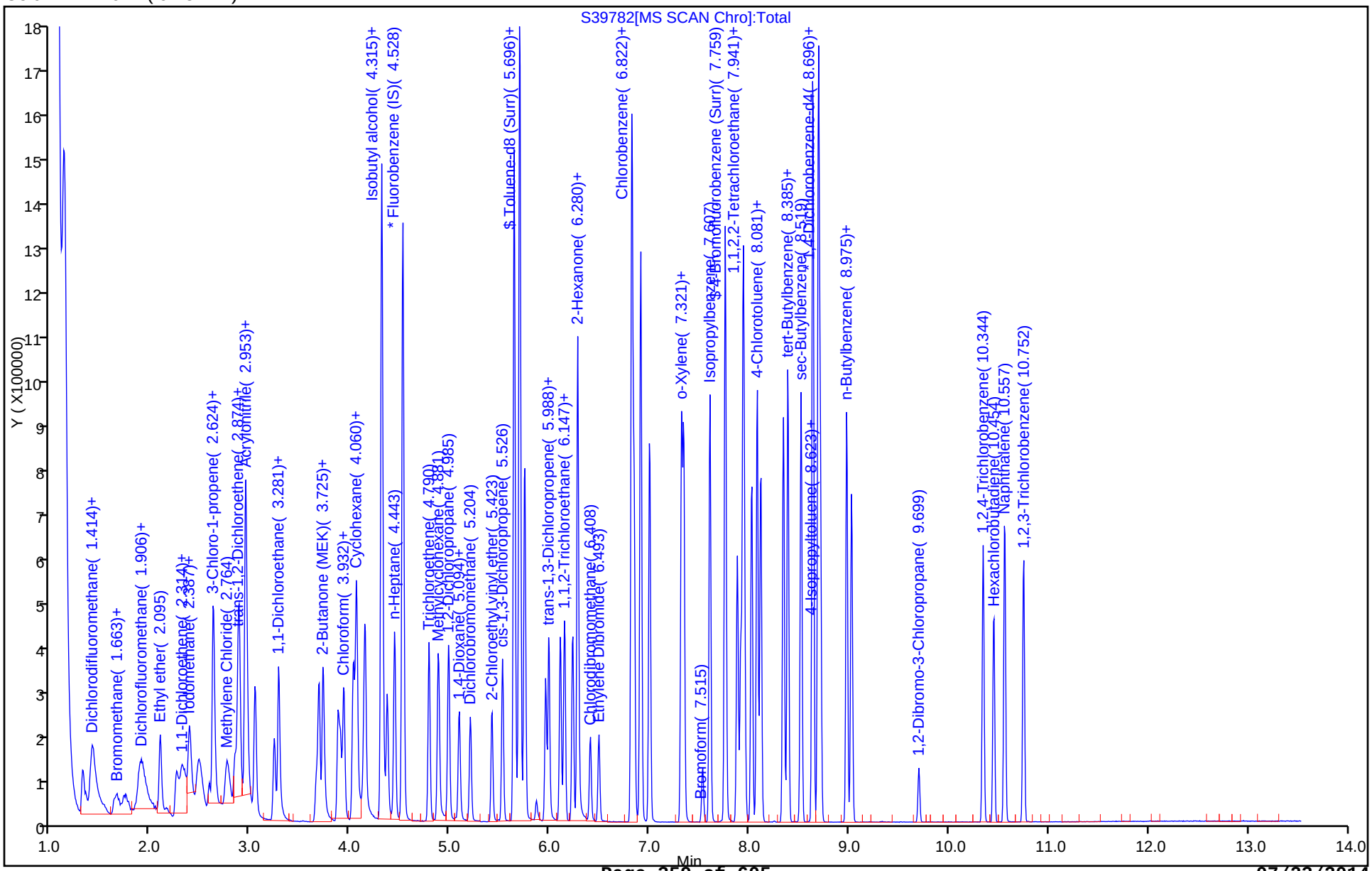
Report Date: 08-Jul-2014 16:52:56 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39782.D

Injection Date:	27-Jun-2014 20:53:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	IC 3			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

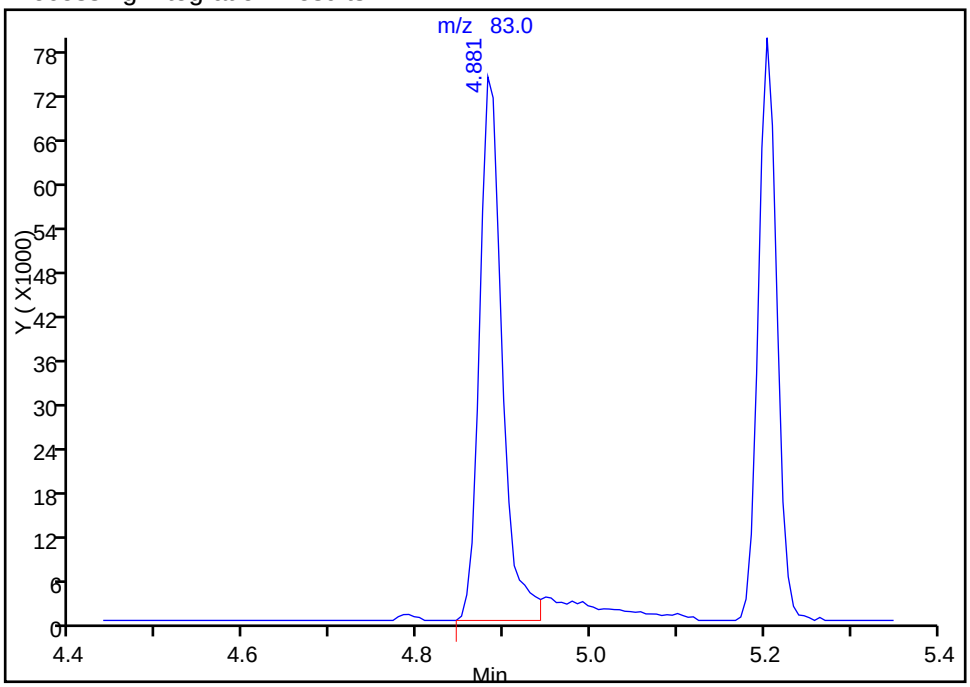
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39782.D
Injection Date: 27-Jun-2014 20:53:30 Instrument ID: HP5973S
Lims ID: IC 3
Client ID:
Operator ID: NQ ALS Bottle#: 4 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

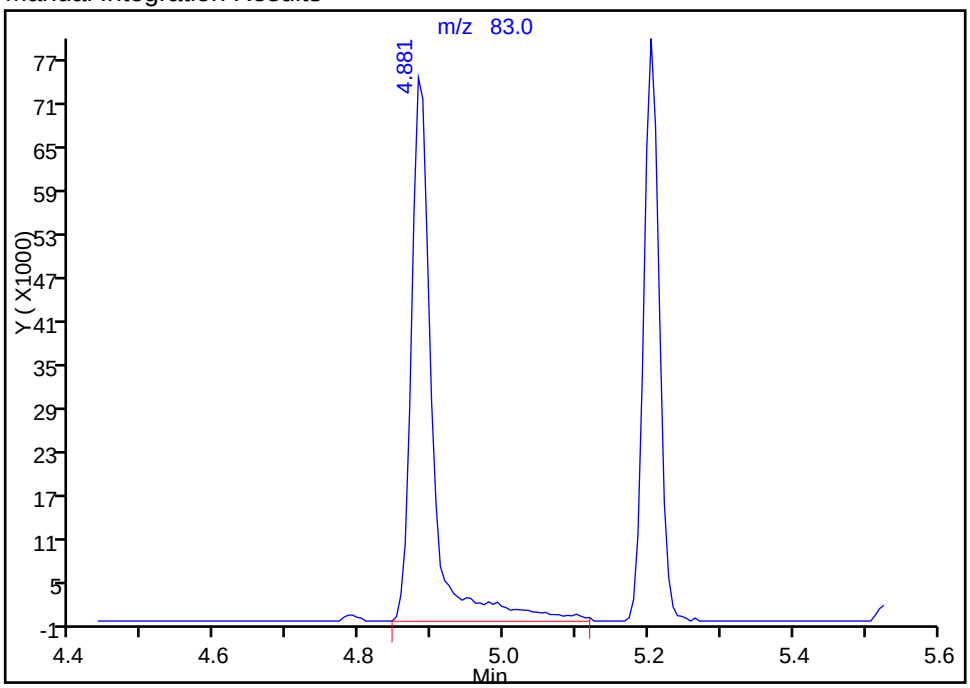
Processing Integration Results

RT: 4.88
Response: 135895
Amount: 8.548517



Manual Integration Results

RT: 4.88
Response: 152606
Amount: 8.913102



Reviewer: nguyendudziaknq, 30-Jun-2014 15:54:44
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

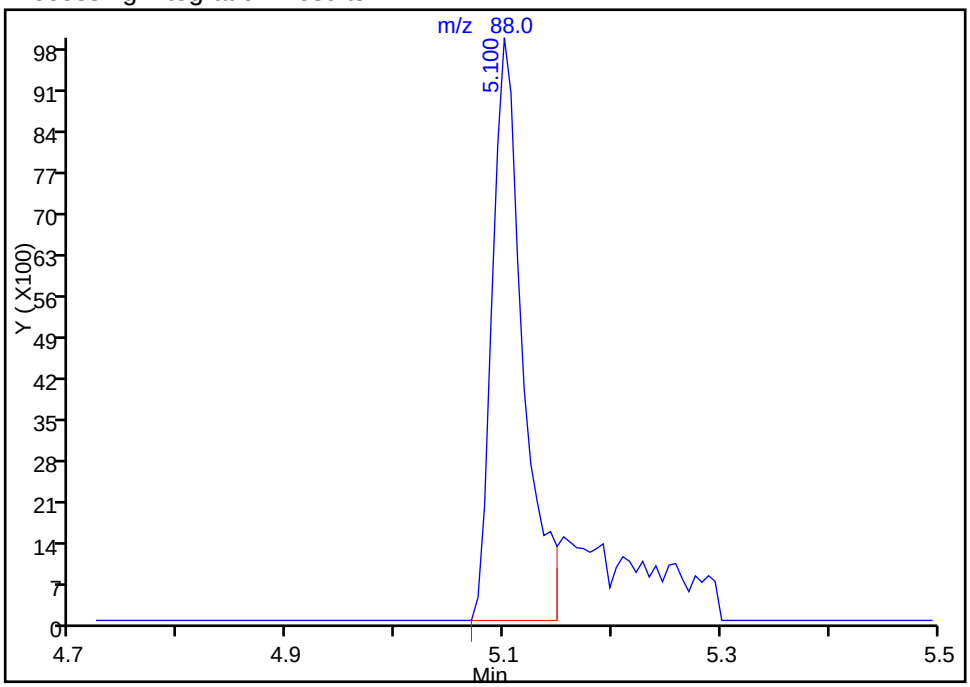
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39782.D
Injection Date: 27-Jun-2014 20:53:30 Instrument ID: HP5973S
Lims ID: IC 3
Client ID:
Operator ID: NQ ALS Bottle#: 4 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

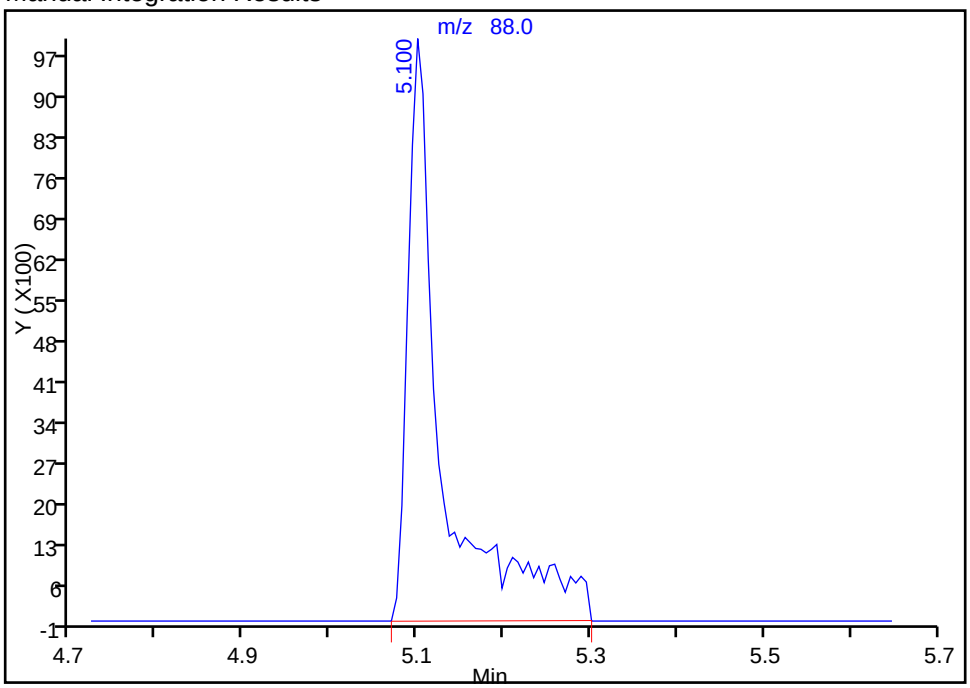
Processing Integration Results

RT: 5.10
Response: 19679
Amount: 163.8538



Manual Integration Results

RT: 5.10
Response: 27924
Amount: 195.0685



Reviewer: nguyendudziaknq, 30-Jun-2014 15:59:17
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39783.D
Lims ID: ICIS 4
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 27-Jun-2014 21:16:30 ALS Bottle#: 5 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 4
Misc. Info.: 480-0033365-010 =480-0033365-010
Operator ID: NQ Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 16:47:16 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: nguyendudziaknq Date: 07-Jul-2014 08:34:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	192586	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	391864	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.696	8.696	0.000	75	359576	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.060	4.060	0.000	66	218239	25.0	25.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	158122	25.0	25.2	
$ 5 Toluene-d8 (Surr)	98	5.696	5.696	0.000	91	928903	25.0	24.8	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	87	304099	25.0	25.2	
10 Dichlorodifluoromethane	85	1.201	1.201	0.000	88	303154	25.0	27.4	
12 Chloromethane	50	1.322	1.322	0.000	89	355397	25.0	25.6	
13 Vinyl chloride	62	1.408	1.408	0.000	83	349127	25.0	26.5	
151 Butadiene	54	1.426	1.426	0.000	92	258810	25.0	27.8	
14 Bromomethane	94	1.663	1.663	0.000	91	132049	25.0	25.6	
15 Chloroethane	64	1.748	1.748	0.000	94	193742	25.0	25.8	
16 Dichlorofluoromethane	67	1.900	1.900	0.000	82	443806	25.0	26.6	
17 Trichlorofluoromethane	101	1.900	1.900	0.000	55	379394	25.0	27.3	
18 Ethyl ether	59	2.095	2.095	0.000	90	253425	25.0	25.0	
20 Acrolein	56	2.259	2.259	0.000	98	213963	125.0	123.9	
21 1,1,2-Trichloro-1,2,2-trif	101	2.296	2.296	0.000	82	244478	25.0	26.9	
22 1,1-Dichloroethene	96	2.320	2.320	0.000	89	303201	25.0	25.8	
23 Acetone	43	2.387	2.387	0.000	99	566053	125.0	122.3	
25 Iodomethane	142	2.478	2.478	0.000	98	307558	25.0	26.3	
26 Carbon disulfide	76	2.490	2.490	0.000	100	773520	25.0	25.3	M
28 3-Chloro-1-propene	41	2.588	2.588	0.000	84	292598	25.0	23.9	
27 Methyl acetate	43	2.624	2.624	0.000	96	1441706	125.0	124.4	
30 Methylene Chloride	84	2.770	2.770	0.000	82	318857	25.0	25.9	
31 2-Methyl-2-propanol	59	2.843	2.843	0.000	95	404590	250.0	244.7	
32 Methyl tert-butyl ether	73	2.880	2.880	0.000	90	862942	25.0	25.1	
34 trans-1,2-Dichloroethene	96	2.892	2.892	0.000	90	278922	25.0	25.6	
33 Acrylonitrile	53	2.953	2.953	0.000	99	1352259	250.0	248.4	
35 Hexane	57	3.050	3.050	0.000	93	370530	25.0	25.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.239	3.239	0.000	85	427447	25.0	25.2	M
37 Vinyl acetate	43	3.281	3.281	0.000	97	1119124	50.0	52.2	
44 2,2-Dichloropropane	77	3.665	3.665	0.000	90	158614	25.0	25.7	
45 cis-1,2-Dichloroethene	96	3.689	3.689	0.000	70	288692	25.0	25.2	
43 2-Butanone (MEK)	43	3.725	3.725	0.000	100	938997	125.0	125.2	
48 Chlorobromomethane	128	3.877	3.877	0.000	94	138228	25.0	25.1	
49 Tetrahydrofuran	42	3.902	3.902	0.000	89	245310	50.0	49.0	
50 Chloroform	83	3.938	3.938	0.000	81	467058	25.0	24.9	
51 1,1,1-Trichloroethane	97	4.030	4.030	0.000	91	261379	25.0	25.1	
52 Cyclohexane	56	4.036	4.036	0.000	91	485999	25.0	26.5	
55 Carbon tetrachloride	117	4.139	4.139	0.000	72	259356	25.0	25.8	
54 1,1-Dichloropropene	75	4.151	4.151	0.000	92	357773	25.0	25.5	
53 Isobutyl alcohol	43	4.315	4.315	0.000	61	458253	625.0	609.3	
57 Benzene	78	4.315	4.315	0.000	96	1129881	25.0	24.7	
58 1,2-Dichloroethane	62	4.370	4.370	0.000	92	399511	25.0	24.5	
59 n-Heptane	43	4.443	4.443	0.000	92	411578	25.0	24.7	
62 Trichloroethene	95	4.790	4.790	0.000	94	274333	25.0	25.2	
64 Methylcyclohexane	83	4.881	4.881	0.000	92	446239	25.0	26.6	M
65 1,2-Dichloropropane	63	4.985	4.985	0.000	91	291024	25.0	25.7	
67 Dibromomethane	93	5.088	5.088	0.000	92	169841	25.0	25.5	
66 1,4-Dioxane	88	5.100	5.100	0.000	93	70466	500.0	475.2	M
68 Dichlorobromomethane	83	5.204	5.204	0.000	93	328768	25.0	26.1	
69 2-Chloroethyl vinyl ether	63	5.423	5.423	0.000	92	218774	25.0	26.4	
72 cis-1,3-Dichloropropene	75	5.526	5.526	0.000	89	432893	25.0	26.7	
73 4-Methyl-2-pentanone (MIBK	43	5.642	5.642	0.000	97	1923885	125.0	126.9	
74 Toluene	92	5.751	5.751	0.000	98	707047	25.0	24.5	
77 trans-1,3-Dichloropropene	75	5.958	5.958	0.000	92	370678	25.0	26.2	
75 Ethyl methacrylate	69	5.988	5.988	0.000	86	440375	25.0	26.0	
79 1,1,2-Trichloroethane	83	6.104	6.104	0.000	88	221189	25.0	24.8	
81 Tetrachloroethene	166	6.147	6.147	0.000	88	298880	25.0	25.0	
82 1,3-Dichloropropane	76	6.232	6.232	0.000	92	489444	25.0	24.9	
80 2-Hexanone	43	6.280	6.280	0.000	96	1441261	125.0	128.8	
83 Chlorodibromomethane	129	6.408	6.408	0.000	88	225836	25.0	26.1	
84 Ethylene Dibromide	107	6.493	6.493	0.000	98	272516	25.0	25.6	
87 Chlorobenzene	112	6.846	6.846	0.000	92	798957	25.0	24.6	
88 Ethylbenzene	91	6.913	6.913	0.000	99	1375278	25.0	24.7	
89 1,1,1,2-Tetrachloroethane	131	6.913	6.913	0.000	86	239236	25.0	25.7	
90 m-Xylene & p-Xylene	106	7.004	7.004	0.000	0	534786	25.0	24.9	
91 o-Xylene	106	7.321	7.321	0.000	98	518831	25.0	24.7	
92 Styrene	104	7.345	7.345	0.000	95	923315	25.0	25.7	
95 Bromoform	173	7.534	7.534	0.000	96	144033	25.0	21.9	
94 Isopropylbenzene	105	7.607	7.607	0.000	96	1394685	25.0	25.1	
101 Bromobenzene	156	7.880	7.880	0.000	95	347293	25.0	24.4	
97 1,1,2,2-Tetrachloroethane	83	7.917	7.917	0.000	86	380702	25.0	24.5	
99 N-Propylbenzene	91	7.935	7.935	0.000	97	1625114	25.0	24.8	
100 1,2,3-Trichloropropane	110	7.947	7.947	0.000	82	127631	25.0	24.7	
98 trans-1,4-Dichloro-2-buten	53	7.953	7.953	0.000	64	118329	25.0	25.4	
103 2-Chlorotoluene	126	8.026	8.026	0.000	95	312900	25.0	24.1	
102 1,3,5-Trimethylbenzene	105	8.081	8.081	0.000	73	1153767	25.0	24.7	
105 4-Chlorotoluene	126	8.118	8.118	0.000	98	324231	25.0	24.1	
106 tert-Butylbenzene	134	8.343	8.343	0.000	87	259734	25.0	25.0	
107 1,2,4-Trimethylbenzene	105	8.385	8.385	0.000	97	1208694	25.0	25.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.519	8.519	0.000	95	1477795	25.0	25.2	
110 4-Isopropyltoluene	119	8.641	8.641	0.000	94	1263342	25.0	25.5	
111 1,3-Dichlorobenzene	146	8.641	8.641	0.000	70	659063	25.0	24.7	
113 1,4-Dichlorobenzene	146	8.714	8.714	0.000	94	666823	25.0	24.5	
115 n-Butylbenzene	91	8.976	8.976	0.000	97	1141249	25.0	25.7	
116 1,2-Dichlorobenzene	146	9.024	9.024	0.000	96	645005	25.0	24.7	
117 1,2-Dibromo-3-Chloropropan	75	9.699	9.699	0.000	78	65297	25.0	25.9	
119 1,2,4-Trichlorobenzene	180	10.344	10.344	0.000	93	433549	25.0	26.3	
120 Hexachlorobutadiene	225	10.454	10.454	0.000	95	208408	25.0	25.9	
121 Naphthalene	128	10.563	10.563	0.000	97	1183754	25.0	27.3	
122 1,2,3-Trichlorobenzene	180	10.752	10.752	0.000	94	395592	25.0	26.0	
S 123 Total BTEX	1				0			123.5	
S 124 Xylenes, Total	1				0			49.6	
S 125 1,2-Dichloroethene, Total	1				0			50.8	
S 126 1,3-Dichloropropene, Total	1				0			52.9	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00012	Amount Added: 12.50	Units: uL	
GAS CORP mix_00034	Amount Added: 12.50	Units: uL	
S_8260_IS_00082	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00088	Amount Added: 1.00	Units: uL	Run Reagent

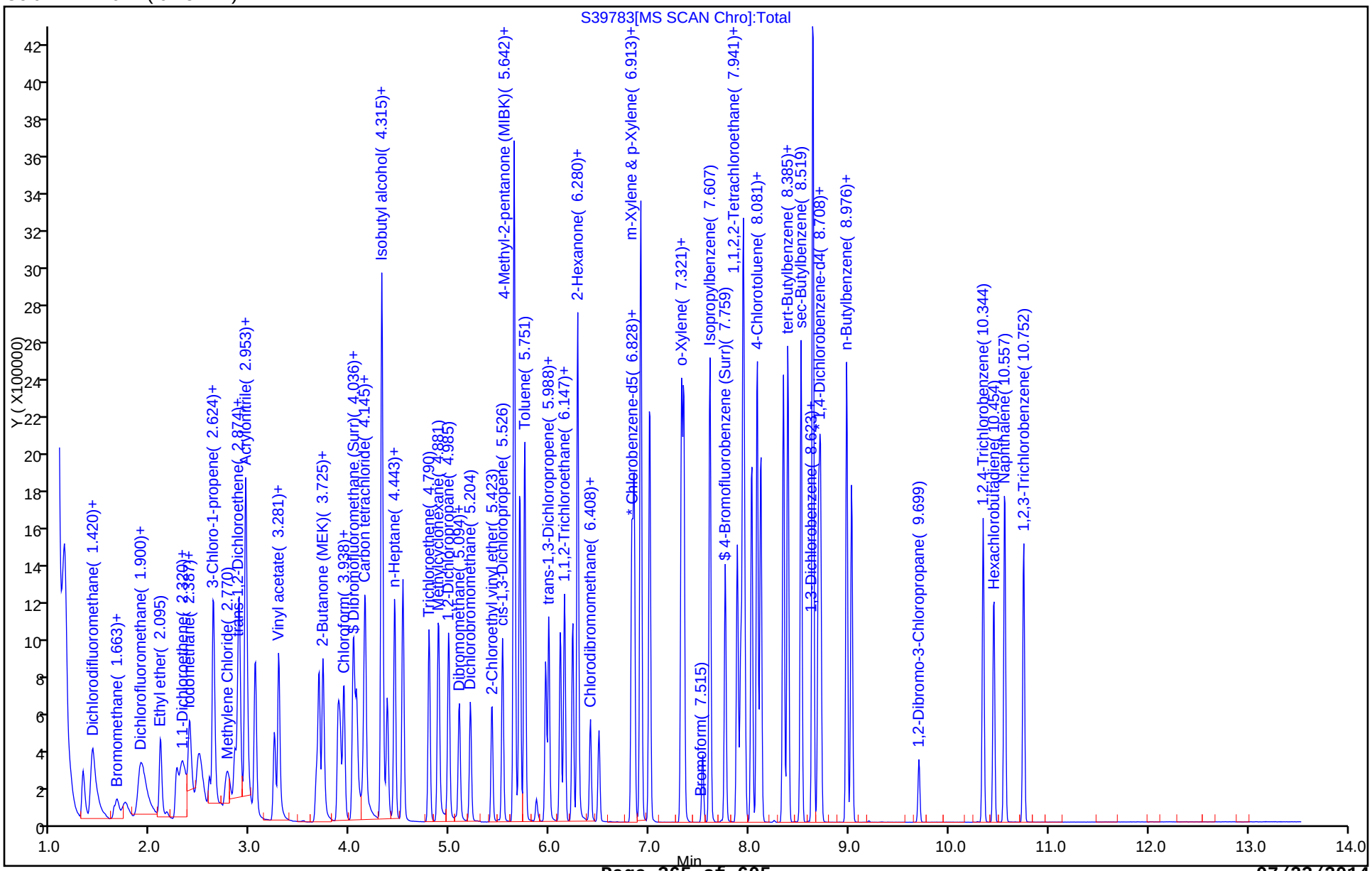
Report Date: 08-Jul-2014 16:47:17 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39783.D

Injection Date:	27-Jun-2014 21:16:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	ICIS 4			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

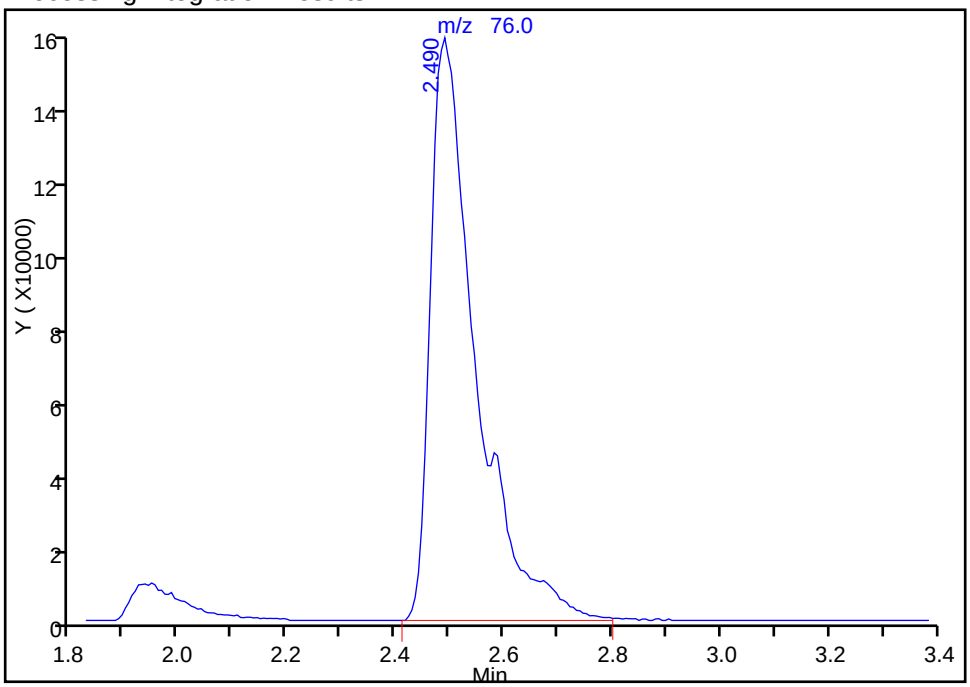
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39783.D
Injection Date: 27-Jun-2014 21:16:30 Instrument ID: HP5973S
Lims ID: ICIS 4
Client ID:
Operator ID: NQ ALS Bottle#: 5 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

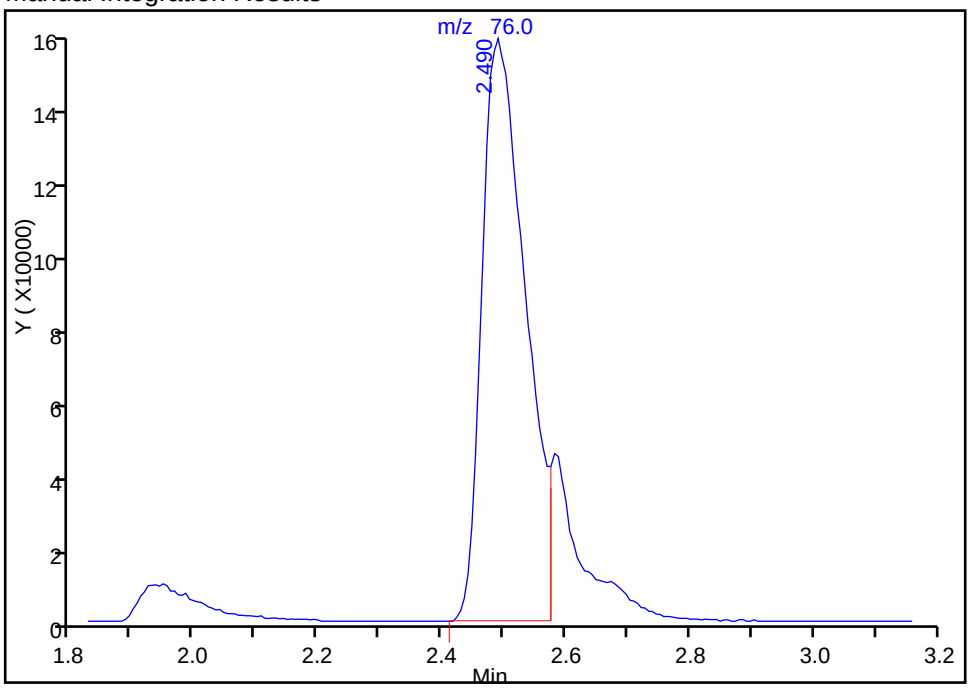
Processing Integration Results

RT: 2.49
Response: 923583
Amount: 28.690942



Manual Integration Results

RT: 2.49
Response: 773520
Amount: 25.273182



Reviewer: nguyendudziaknq, 30-Jun-2014 16:11:41
Audit Action: Manually Integrated
Audit Reason: Coelution

Manual Integration/User Assign Peak Report

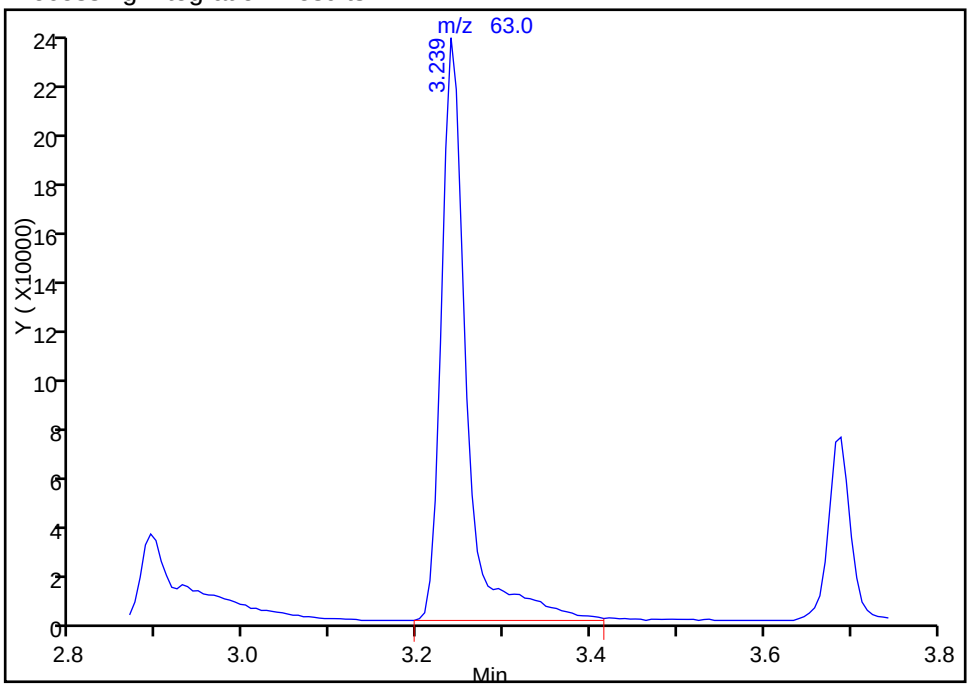
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39783.D
Injection Date: 27-Jun-2014 21:16:30 Instrument ID: HP5973S
Lims ID: ICIS 4
Client ID:
Operator ID: NQ ALS Bottle#: 5 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

39 1,1-Dichloroethane, CAS: 75-34-3

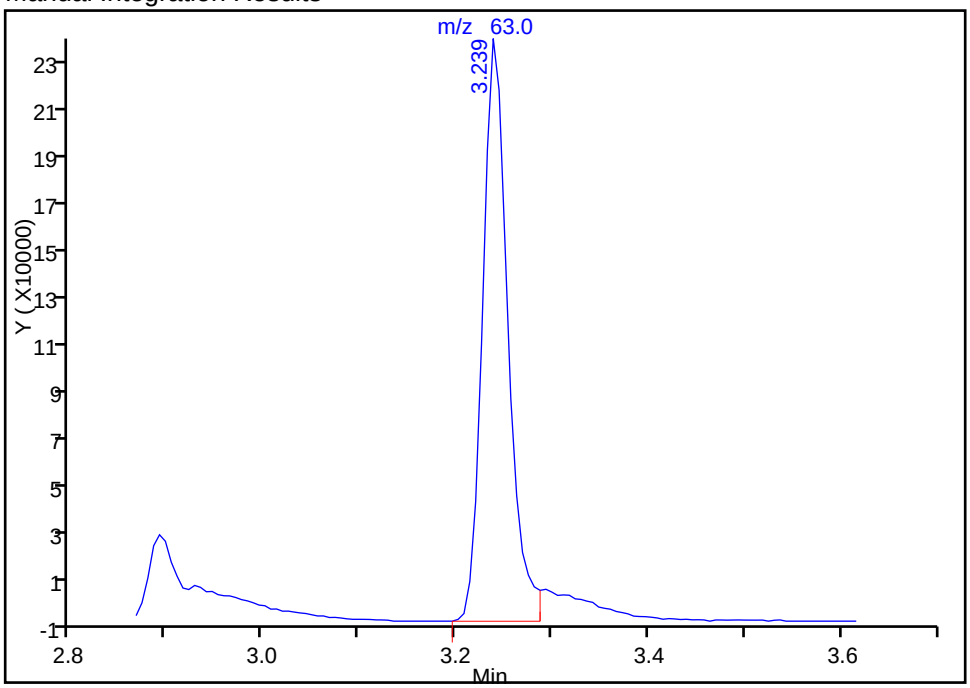
Processing Integration Results

RT: 3.24
Response: 472280
Amount: 26.860280



Manual Integration Results

RT: 3.24
Response: 427447
Amount: 25.209336



Reviewer: nguyendudziaknq, 30-Jun-2014 16:13:18
Audit Action: Manually Integrated
Audit Reason: Other

Manual Integration/User Assign Peak Report

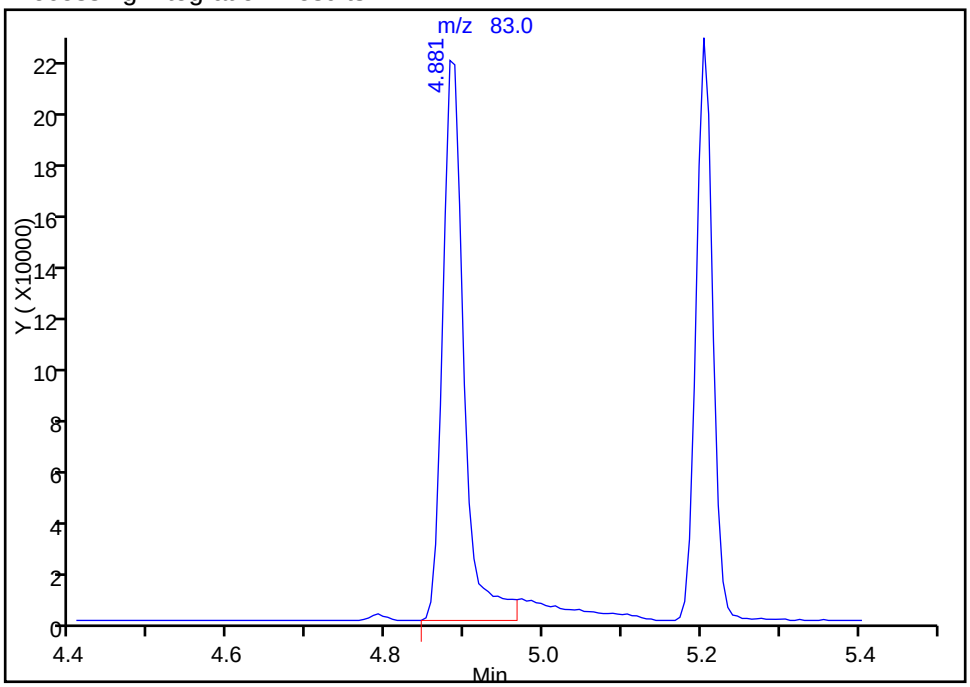
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39783.D
Injection Date: 27-Jun-2014 21:16:30 Instrument ID: HP5973S
Lims ID: ICIS 4
Client ID:
Operator ID: NQ ALS Bottle#: 5 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

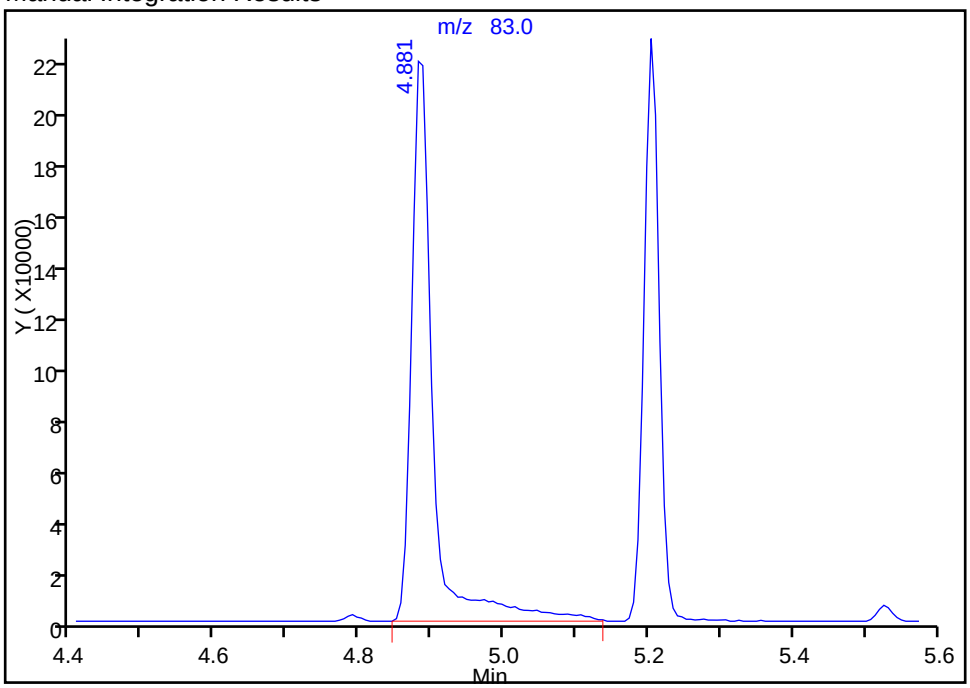
Processing Integration Results

RT: 4.88
Response: 407124
Amount: 25.726979



Manual Integration Results

RT: 4.88
Response: 446239
Amount: 26.574984



Reviewer: nguyendudziaknq, 30-Jun-2014 15:54:59
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

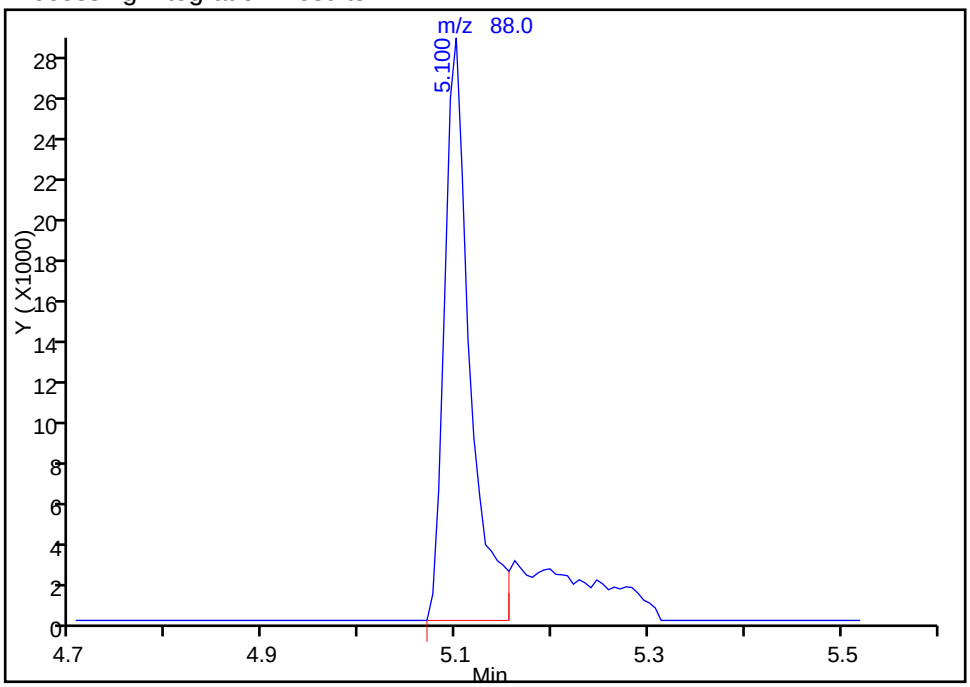
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39783.D
Injection Date: 27-Jun-2014 21:16:30 Instrument ID: HP5973S
Lims ID: ICIS 4
Client ID:
Operator ID: NQ ALS Bottle#: 5 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

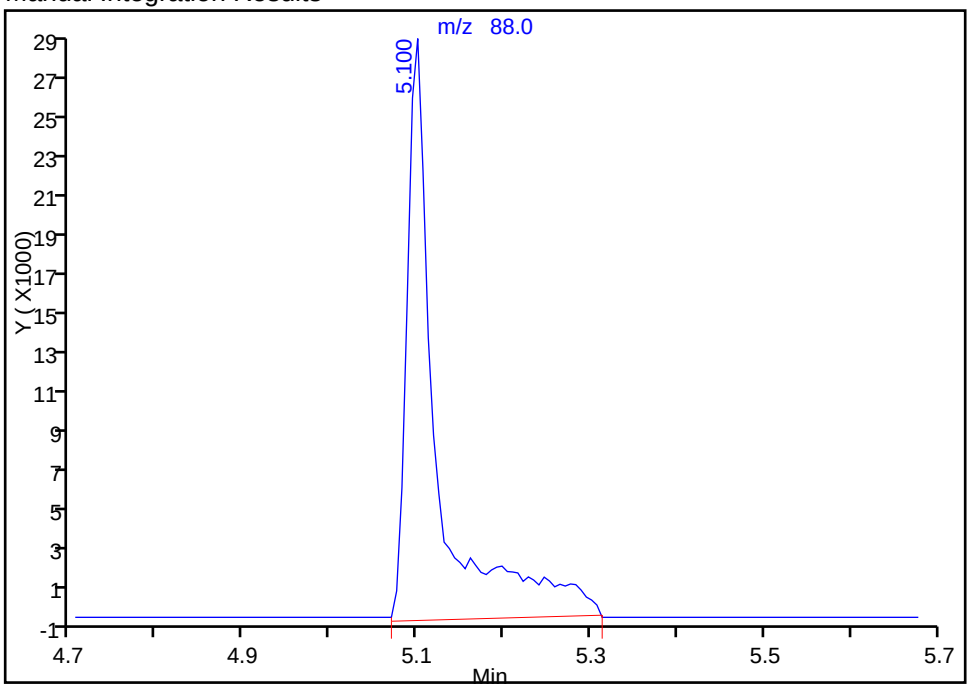
Processing Integration Results

RT: 5.10
Response: 52705
Amount: 496.2965



Manual Integration Results

RT: 5.10
Response: 70466
Amount: 475.1708



Reviewer: nguyendudziaknq, 30-Jun-2014 15:58:36
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39784.D
Lims ID: IC 5
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 27-Jun-2014 21:38:30 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 5
Misc. Info.: 480-0033365-011 =480-0033365-011
Operator ID: NQ Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 16:55:32 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: nguyendudziaknq Date: 30-Jun-2014 17:10:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	200001	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	396863	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.696	8.696	0.000	68	368201	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.060	4.060	0.000	66	222144	25.0	25.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	162539	25.0	24.9	
$ 5 Toluene-d8 (Surr)	98	5.696	5.696	0.000	91	927861	25.0	24.5	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	88	310633	25.0	25.4	
10 Dichlorodifluoromethane	85	1.195	1.195	0.000	88	568458	50.0	49.5	
12 Chloromethane	50	1.322	1.316	0.006	89	669385	50.0	46.4	
13 Vinyl chloride	62	1.407	1.401	0.006	83	656392	50.0	47.9	
151 Butadiene	54	1.420	1.426	-0.006	93	484907	50.0	50.2	
14 Bromomethane	94	1.657	1.651	0.006	91	257154	50.0	48.1	
15 Chloroethane	64	1.742	1.742	0.000	95	356740	50.0	45.8	
16 Dichlorofluoromethane	67	1.900	1.894	0.006	82	830322	50.0	48.0	
17 Trichlorofluoromethane	101	1.900	1.906	-0.006	55	714338	50.0	49.4	
18 Ethyl ether	59	2.095	2.095	0.000	90	510984	50.0	48.5	
20 Acrolein	56	2.253	2.259	-0.006	97	440562	250.0	245.6	
21 1,1,2-Trichloro-1,2,2-trif	101	2.290	2.290	0.000	81	534257	50.0	56.6	
22 1,1-Dichloroethene	96	2.326	2.314	0.012	87	605361	50.0	49.6	
23 Acetone	43	2.387	2.387	0.000	99	1098819	250.0	228.6	
25 Iodomethane	142	2.478	2.478	0.000	97	639204	50.0	52.7	
26 Carbon disulfide	76	2.490	2.490	0.000	100	1577960	50.0	49.6	
28 3-Chloro-1-propene	41	2.588	2.588	0.000	84	600589	50.0	47.3	
27 Methyl acetate	43	2.624	2.624	0.000	96	2882912	250.0	239.4	
30 Methylene Chloride	84	2.770	2.764	0.006	83	619830	50.0	49.9	
31 2-Methyl-2-propanol	59	2.843	2.843	0.000	96	878945	500.0	511.8	
32 Methyl tert-butyl ether	73	2.880	2.880	0.000	90	1760824	50.0	49.3	
34 trans-1,2-Dichloroethene	96	2.892	2.892	0.000	92	556924	50.0	49.3	
33 Acrylonitrile	53	2.953	2.953	0.000	99	2677286	500.0	473.5	
35 Hexane	57	3.044	3.044	0.000	93	742638	50.0	49.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.239	3.239	0.000	85	849165	50.0	48.2	M
37 Vinyl acetate	43	3.281	3.281	0.000	97	2376445	100.0	106.8	
44 2,2-Dichloropropane	77	3.665	3.665	-0.001	90	327163	50.0	51.1	
45 cis-1,2-Dichloroethene	96	3.689	3.689	0.000	69	587782	50.0	49.3	
43 2-Butanone (MEK)	43	3.725	3.725	0.000	100	1913937	250.0	245.8	
48 Chlorobromomethane	128	3.877	3.877	0.000	94	283809	50.0	49.6	
49 Tetrahydrofuran	42	3.896	3.902	-0.006	87	496587	100.0	95.6	
50 Chloroform	83	3.938	3.938	0.000	81	944853	50.0	48.6	
51 1,1,1-Trichloroethane	97	4.030	4.030	0.000	94	549775	50.0	50.8	
52 Cyclohexane	56	4.030	4.036	-0.006	91	981029	50.0	51.5	
55 Carbon tetrachloride	117	4.139	4.139	0.000	76	566771	50.0	54.3	
54 1,1-Dichloropropene	75	4.151	4.151	0.000	94	734918	50.0	50.4	
57 Benzene	78	4.315	4.315	0.000	97	2304365	50.0	48.5	
53 Isobutyl alcohol	43	4.315	4.315	0.000	61	997455	1250.0	1277.0	
58 1,2-Dichloroethane	62	4.370	4.370	0.000	90	828154	50.0	48.8	
59 n-Heptane	43	4.443	4.443	0.000	92	853958	50.0	49.3	
62 Trichloroethene	95	4.790	4.790	0.000	94	567479	50.0	50.2	
64 Methylcyclohexane	83	4.881	4.881	0.000	92	916930	50.0	52.6	M
65 1,2-Dichloropropane	63	4.985	4.985	0.000	91	584959	50.0	49.8	
67 Dibromomethane	93	5.088	5.088	0.000	92	352830	50.0	50.9	
66 1,4-Dioxane	88	5.094	5.100	-0.006	95	152829	1000.0	1003.5	M
68 Dichlorobromomethane	83	5.204	5.204	0.000	93	709806	50.0	54.3	
69 2-Chloroethyl vinyl ether	63	5.417	5.417	0.000	92	456706	50.0	53.2	
72 cis-1,3-Dichloropropene	75	5.526	5.526	0.000	89	923772	50.0	54.8	
73 4-Methyl-2-pentanone (MIBK	43	5.642	5.642	0.000	97	3836263	250.0	249.8	
74 Toluene	92	5.751	5.751	0.000	98	1425886	50.0	48.7	
77 trans-1,3-Dichloropropene	75	5.958	5.958	0.000	92	800379	50.0	55.9	
75 Ethyl methacrylate	69	5.988	5.988	0.000	89	944423	50.0	55.0	
79 1,1,2-Trichloroethane	83	6.104	6.104	0.000	87	453757	50.0	50.1	
81 Tetrachloroethene	166	6.147	6.147	0.000	88	602453	50.0	49.7	
82 1,3-Dichloropropane	76	6.232	6.232	0.000	92	993192	50.0	49.9	
80 2-Hexanone	43	6.280	6.280	0.000	96	2866898	250.0	253.0	
83 Chlorodibromomethane	129	6.408	6.408	0.000	89	506801	50.0	57.8	
84 Ethylene Dibromide	107	6.493	6.493	0.000	99	558762	50.0	51.9	
87 Chlorobenzene	112	6.846	6.846	0.000	92	1615388	50.0	49.1	
89 1,1,1,2-Tetrachloroethane	131	6.913	6.913	0.000	87	510908	50.0	54.3	
88 Ethylbenzene	91	6.913	6.913	0.000	99	2779369	50.0	49.4	
90 m-Xylene & p-Xylene	106	7.004	6.998	0.006	0	1080015	50.0	49.7	
91 o-Xylene	106	7.321	7.321	0.000	98	1056801	50.0	49.8	
92 Styrene	104	7.345	7.345	0.000	95	1888814	50.0	52.0	
95 Bromoform	173	7.534	7.534	0.000	97	344125	50.0	46.9	
94 Isopropylbenzene	105	7.607	7.607	0.000	96	2825181	50.0	49.6	
101 Bromobenzene	156	7.880	7.880	0.000	95	712734	50.0	49.0	
97 1,1,2,2-Tetrachloroethane	83	7.917	7.917	0.000	84	802361	50.0	50.4	
99 N-Propylbenzene	91	7.941	7.935	0.006	97	3349923	50.0	49.8	
100 1,2,3-Trichloropropane	110	7.947	7.947	0.000	77	259375	50.0	49.0	
98 trans-1,4-Dichloro-2-buten	53	7.953	7.953	0.000	66	264138	50.0	55.3	
103 2-Chlorotoluene	126	8.026	8.026	0.000	95	655923	50.0	49.4	
102 1,3,5-Trimethylbenzene	105	8.081	8.081	0.000	73	2404237	50.0	50.2	
105 4-Chlorotoluene	126	8.118	8.118	0.000	98	676836	50.0	49.2	
106 tert-Butylbenzene	134	8.343	8.343	0.000	87	540500	50.0	50.8	
107 1,2,4-Trimethylbenzene	105	8.385	8.385	0.000	97	2484608	50.0	50.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.519	8.519	0.000	95	3009267	50.0	50.0	
111 1,3-Dichlorobenzene	146	8.641	8.635	0.006	93	1341571	50.0	49.2	
110 4-Isopropyltoluene	119	8.641	8.641	0.000	94	2571186	50.0	50.8	
113 1,4-Dichlorobenzene	146	8.714	8.714	0.000	94	1373546	50.0	49.2	
115 n-Butylbenzene	91	8.975	8.975	0.000	95	2359330	50.0	51.9	
116 1,2-Dichlorobenzene	146	9.024	9.024	0.000	96	1318429	50.0	49.3	
117 1,2-Dibromo-3-Chloropropan	75	9.699	9.699	0.000	80	152370	50.0	59.0	
119 1,2,4-Trichlorobenzene	180	10.344	10.344	0.000	90	904196	50.0	53.5	
120 Hexachlorobutadiene	225	10.454	10.454	0.000	95	417040	50.0	50.6	
121 Naphthalene	128	10.563	10.563	0.000	97	2435859	50.0	54.8	
122 1,2,3-Trichlorobenzene	180	10.752	10.752	0.000	94	790959	50.0	50.8	
S 125 1,2-Dichloroethene, Total	1				0			98.6	
S 126 1,3-Dichloropropene, Total	1				0			110.7	
S 123 Total BTEX	1				0			246.0	
S 124 Xylenes, Total	1				0			99.4	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00012	Amount Added:	25.00	Units: uL	
GAS CORP mix_00034	Amount Added:	25.00	Units: uL	
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00088	Amount Added:	1.00	Units: uL	Run Reagent

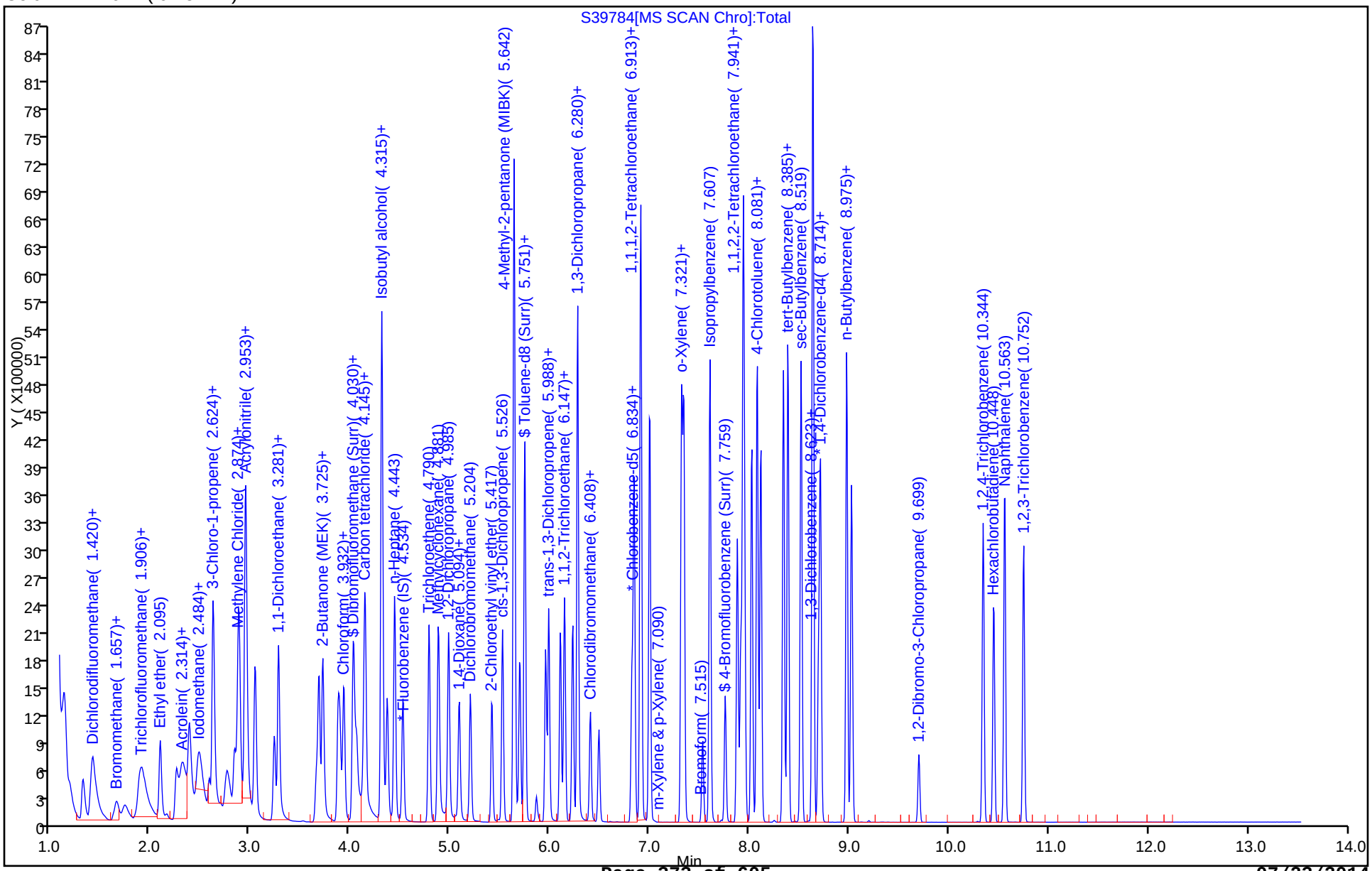
Report Date: 08-Jul-2014 16:55:33 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39784.D

Injection Date:	27-Jun-2014 21:38:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	IC 5			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

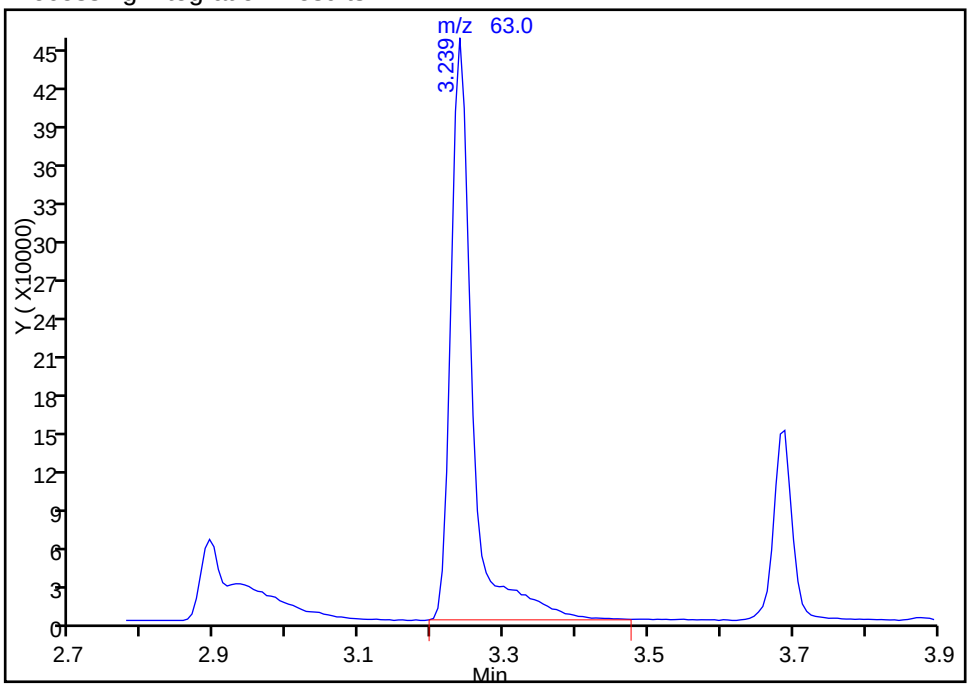
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39784.D
Injection Date: 27-Jun-2014 21:38:30 Instrument ID: HP5973S
Lims ID: IC 5
Client ID:
Operator ID: NQ ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

39 1,1-Dichloroethane, CAS: 75-34-3

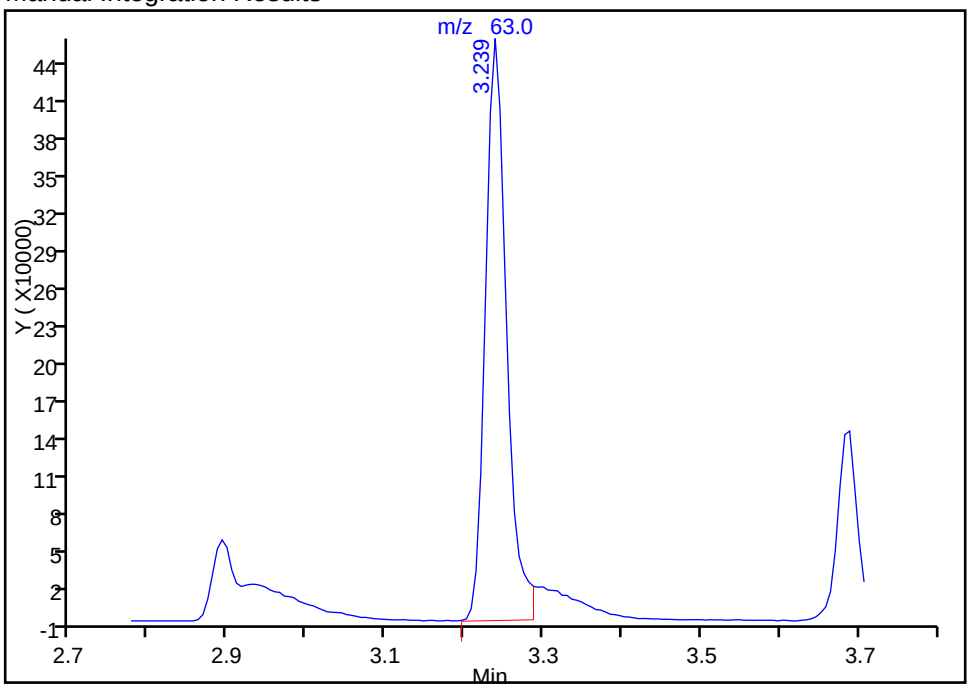
Processing Integration Results

RT: 3.24
Response: 951370
Amount: 53.002813



Manual Integration Results

RT: 3.24
Response: 849165
Amount: 48.224060



Reviewer: nguyendudziaknq, 30-Jun-2014 16:13:38
Audit Action: Manually Integrated
Audit Reason: Other

Manual Integration/User Assign Peak Report

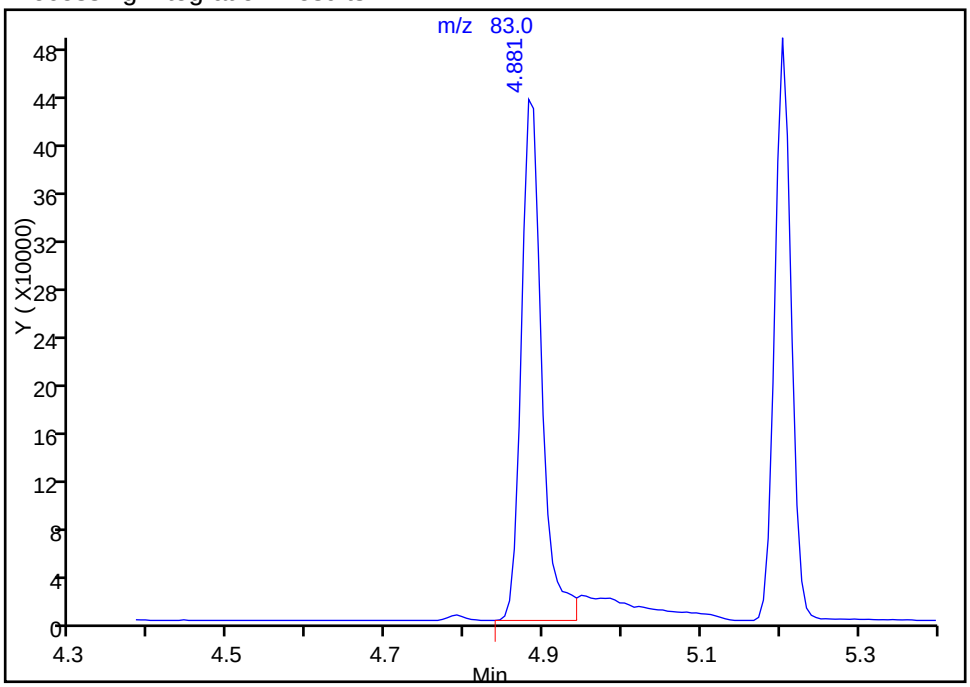
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39784.D
Injection Date: 27-Jun-2014 21:38:30 Instrument ID: HP5973S
Lims ID: IC 5
Client ID:
Operator ID: NQ ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

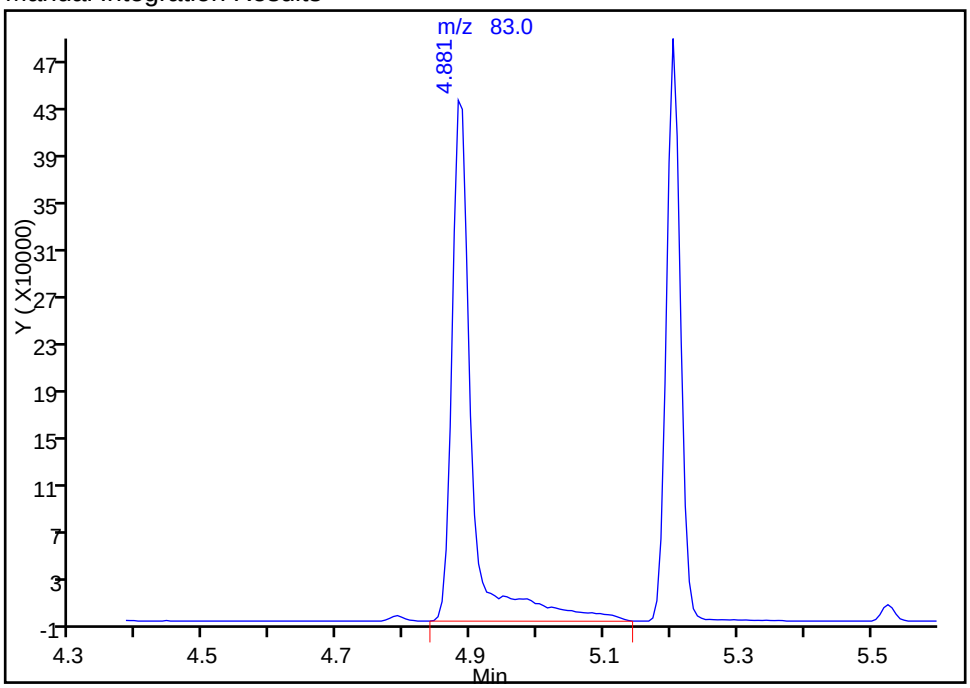
Processing Integration Results

RT: 4.88
Response: 792899
Amount: 47.575275



Manual Integration Results

RT: 4.88
Response: 916930
Amount: 52.581652



Reviewer: nguyendudziaknq, 30-Jun-2014 15:55:22
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

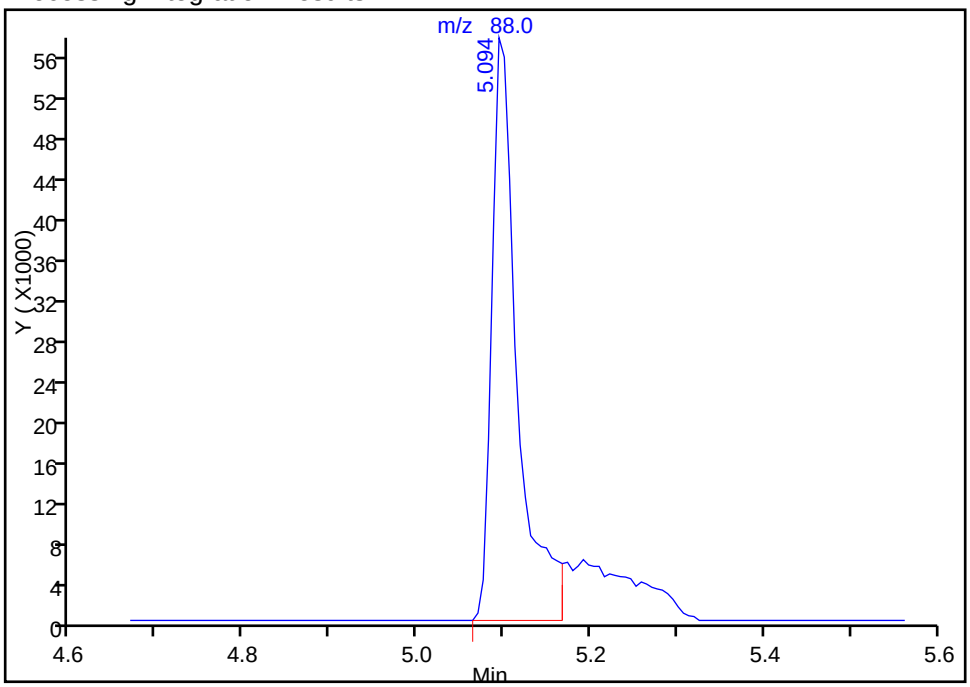
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39784.D
Injection Date: 27-Jun-2014 21:38:30 Instrument ID: HP5973S
Lims ID: IC 5
Client ID:
Operator ID: NQ ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

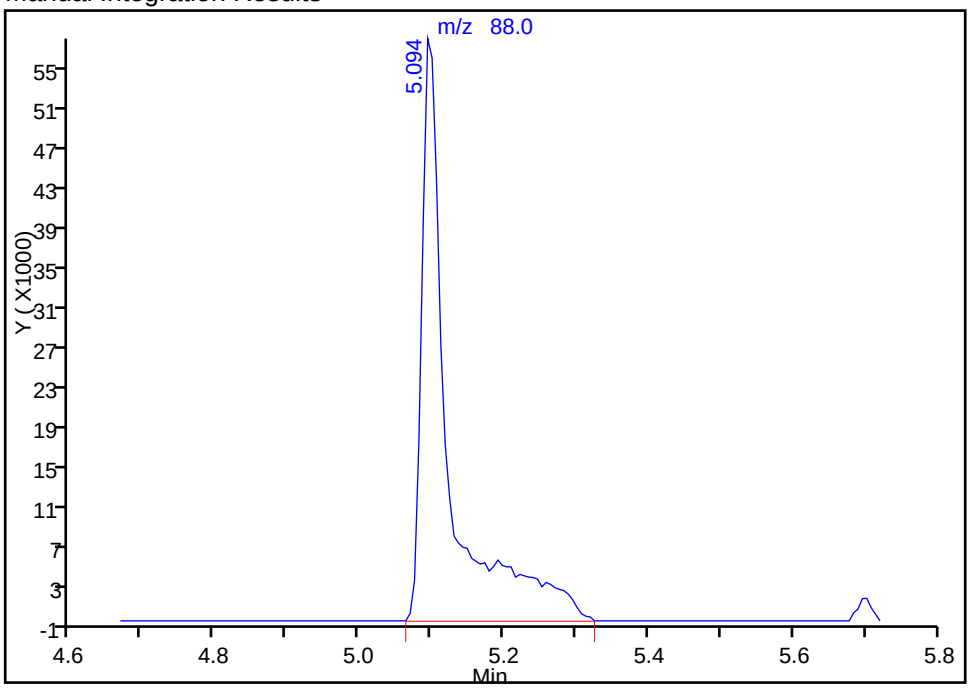
Processing Integration Results

RT: 5.09
Response: 118545
Amount: 921.8202



Manual Integration Results

RT: 5.09
Response: 152829
Amount: 1003.4917



Reviewer: nguyendudziaknq, 30-Jun-2014 15:59:36
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39785.D
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 27-Jun-2014 22:01:30 ALS Bottle#: 7 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0033365-012 =480-0033365-012
Operator ID: NQ Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 17:10:13 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: diasn Date: 08-Jul-2014 16:59:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	197684	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	396791	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.696	8.696	0.000	95	371154	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.060	4.060	0.000	81	218995	25.0	25.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	153156	25.0	23.8	
$ 5 Toluene-d8 (Surr)	98	5.702	5.696	0.006	91	916645	25.0	24.2	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	87	311722	25.0	25.5	
10 Dichlorodifluoromethane	85	1.194	1.195	-0.001	88	1083413	100.0	95.5	
12 Chloromethane	50	1.322	1.316	0.006	89	1353805	100.0	95.0	
13 Vinyl chloride	62	1.407	1.401	0.006	83	1290503	100.0	95.3	
151 Butadiene	54	1.426	1.426	0.000	92	1017732	100.0	106.6	
14 Bromomethane	94	1.657	1.651	0.006	92	537536	100.0	101.6	
15 Chloroethane	64	1.742	1.742	0.000	95	716275	100.0	93.1	
16 Dichlorofluoromethane	67	1.900	1.894	0.006	82	1738533	100.0	101.6	
17 Trichlorofluoromethane	101	1.900	1.906	-0.006	54	1444799	100.0	101.2	
18 Ethyl ether	59	2.095	2.095	0.000	91	990697	100.0	95.2	
20 Acrolein	56	2.259	2.259	0.000	98	888192	500.0	500.9	
21 1,1,2-Trichloro-1,2,2-trif	101	2.308	2.290	0.018	84	961556	100.0	103.1	
22 1,1-Dichloroethene	96	2.332	2.314	0.018	87	1170432	100.0	97.1	
23 Acetone	43	2.387	2.387	0.000	99	2245977	500.0	472.7	
25 Iodomethane	142	2.478	2.478	0.000	98	1319113	100.0	110.1	
26 Carbon disulfide	76	2.490	2.490	0.000	99	3107811	100.0	98.9	M
28 3-Chloro-1-propene	41	2.588	2.588	0.000	85	1221433	100.0	97.3	
27 Methyl acetate	43	2.624	2.624	0.000	96	5569640	500.0	468.0	
30 Methylene Chloride	84	2.770	2.764	0.006	83	1190416	100.0	98.6	
31 2-Methyl-2-propanol	59	2.837	2.843	-0.006	97	1824106	1000.0	1074.7	
32 Methyl tert-butyl ether	73	2.880	2.880	0.000	89	3442467	100.0	97.4	
34 trans-1,2-Dichloroethene	96	2.892	2.892	0.000	93	1072751	100.0	96.0	
33 Acrylonitrile	53	2.953	2.953	0.000	99	5225661	1000.0	935.1	
35 Hexane	57	3.050	3.044	0.006	93	1281895	100.0	87.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.239	3.239	0.000	85	1573235	100.0	90.4	
37 Vinyl acetate	43	3.281	3.281	0.000	97	4717644	200.0	214.6	
44 2,2-Dichloropropane	77	3.664	3.665	-0.001	90	615384	100.0	97.2	
45 cis-1,2-Dichloroethene	96	3.689	3.689	0.000	69	1118247	100.0	94.9	
43 2-Butanone (MEK)	43	3.725	3.725	0.000	100	3777493	500.0	490.8	
48 Chlorobromomethane	128	3.877	3.877	0.000	94	548112	100.0	97.0	
49 Tetrahydrofuran	42	3.896	3.902	-0.006	88	995643	200.0	193.9	
50 Chloroform	83	3.938	3.938	0.000	81	1822870	100.0	94.8	
51 1,1,1-Trichloroethane	97	4.029	4.030	-0.001	94	1121380	100.0	104.7	
52 Cyclohexane	56	4.036	4.036	0.000	91	1784264	100.0	94.7	
55 Carbon tetrachloride	117	4.139	4.139	0.000	76	1191605	100.0	115.6	
54 1,1-Dichloropropene	75	4.151	4.151	0.000	93	1368724	100.0	95.0	
57 Benzene	78	4.315	4.315	0.000	96	4368753	100.0	93.0	
53 Isobutyl alcohol	43	4.315	4.315	0.000	67	2120426	2500.0	2746.5	
58 1,2-Dichloroethane	62	4.370	4.370	0.000	90	1605493	100.0	95.8	
59 n-Heptane	43	4.443	4.443	0.000	93	1458357	100.0	85.2	
62 Trichloroethene	95	4.790	4.790	0.000	94	1086559	100.0	97.3	
64 Methylcyclohexane	83	4.887	4.881	0.006	91	1638088	100.0	95.0	
65 1,2-Dichloropropane	63	4.985	4.985	0.000	92	1141483	100.0	98.4	
67 Dibromomethane	93	5.088	5.088	0.000	93	694189	100.0	101.4	
66 1,4-Dioxane	88	5.094	5.100	-0.006	94	310810	2000.0	2028.4	M
68 Dichlorobromomethane	83	5.204	5.204	0.000	93	1457799	100.0	112.8	
69 2-Chloroethyl vinyl ether	63	5.423	5.417	0.006	92	911311	100.0	107.3	
72 cis-1,3-Dichloropropene	75	5.526	5.526	0.000	90	1856339	100.0	111.4	
73 4-Methyl-2-pentanone (MIBK	43	5.642	5.642	0.000	96	7341263	500.0	478.1	
74 Toluene	92	5.751	5.751	0.000	98	2692786	100.0	92.1	
77 trans-1,3-Dichloropropene	75	5.958	5.958	0.000	92	1647961	100.0	115.1	
75 Ethyl methacrylate	69	5.988	5.988	0.000	86	1883101	100.0	109.7	
79 1,1,2-Trichloroethane	83	6.104	6.104	0.000	88	885195	100.0	97.8	
81 Tetrachloroethene	166	6.147	6.147	0.000	85	1133670	100.0	93.5	
82 1,3-Dichloropropane	76	6.232	6.232	0.000	92	1951688	100.0	98.1	
80 2-Hexanone	43	6.280	6.280	0.000	96	5605460	500.0	494.8	
83 Chlorodibromomethane	129	6.408	6.408	0.000	89	1080043	100.0	123.2	
84 Ethylene Dibromide	107	6.493	6.493	0.000	99	1111970	100.0	103.3	
87 Chlorobenzene	112	6.846	6.846	0.000	92	3138018	100.0	95.5	
89 1,1,1,2-Tetrachloroethane	131	6.919	6.913	0.006	88	1032874	100.0	109.8	
88 Ethylbenzene	91	6.913	6.913	0.000	99	5331150	100.0	94.7	
90 m-Xylene & p-Xylene	106	7.004	6.998	0.006	0	2104373	100.0	96.8	
91 o-Xylene	106	7.321	7.321	0.000	98	2055980	100.0	96.8	
92 Styrene	104	7.345	7.345	0.000	95	3674331	100.0	101.1	
95 Bromoform	173	7.534	7.534	0.000	97	783185	100.0	102.3	
94 Isopropylbenzene	105	7.607	7.607	0.000	96	5355777	100.0	93.2	
101 Bromobenzene	156	7.880	7.880	0.000	95	1398879	100.0	95.4	
97 1,1,2,2-Tetrachloroethane	83	7.917	7.917	0.000	80	1577397	100.0	98.2	
99 N-Propylbenzene	91	7.941	7.935	0.006	98	6304665	100.0	93.1	
100 1,2,3-Trichloropropane	110	7.947	7.947	0.000	82	503727	100.0	94.3	
98 trans-1,4-Dichloro-2-buten	53	7.953	7.953	0.000	73	544389	100.0	113.1	
103 2-Chlorotoluene	126	8.026	8.026	0.000	96	1259537	100.0	94.2	
102 1,3,5-Trimethylbenzene	105	8.081	8.081	0.000	93	4619199	100.0	95.7	
105 4-Chlorotoluene	126	8.118	8.118	0.000	98	1328324	100.0	95.7	
106 tert-Butylbenzene	134	8.343	8.343	0.000	92	1010746	100.0	94.3	
107 1,2,4-Trimethylbenzene	105	8.385	8.385	0.000	97	4748885	100.0	95.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.519	8.519	0.000	95	5649613	100.0	93.2	
111 1,3-Dichlorobenzene	146	8.641	8.635	0.006	72	2575059	100.0	93.6	
110 4-Isopropyltoluene	119	8.641	8.641	0.000	94	4861304	100.0	95.2	
113 1,4-Dichlorobenzene	146	8.714	8.714	0.000	96	2687534	100.0	95.6	
115 n-Butylbenzene	91	8.975	8.975	0.000	95	4439245	100.0	96.9	
116 1,2-Dichlorobenzene	146	9.030	9.024	0.006	96	2559021	100.0	94.9	
117 1,2-Dibromo-3-Chloropropan	75	9.699	9.699	0.000	83	307605	100.0	118.2	
119 1,2,4-Trichlorobenzene	180	10.344	10.344	0.000	93	1612309	100.0	94.7	
120 Hexachlorobutadiene	225	10.454	10.454	0.000	95	697175	100.0	84.0	
121 Naphthalene	128	10.563	10.563	0.000	97	4280258	100.0	95.6	
122 1,2,3-Trichlorobenzene	180	10.752	10.752	0.000	94	1356920	100.0	86.5	
S 125 1,2-Dichloroethene, Total	1				0			190.9	
S 126 1,3-Dichloropropene, Total	1				0			226.6	
S 123 Total BTEX	1				0			473.3	
S 124 Xylenes, Total	1				0			193.6	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00012	Amount Added:	50.00	Units: uL	
GAS CORP mix_00034	Amount Added:	50.00	Units: uL	
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00088	Amount Added:	1.00	Units: uL	Run Reagent

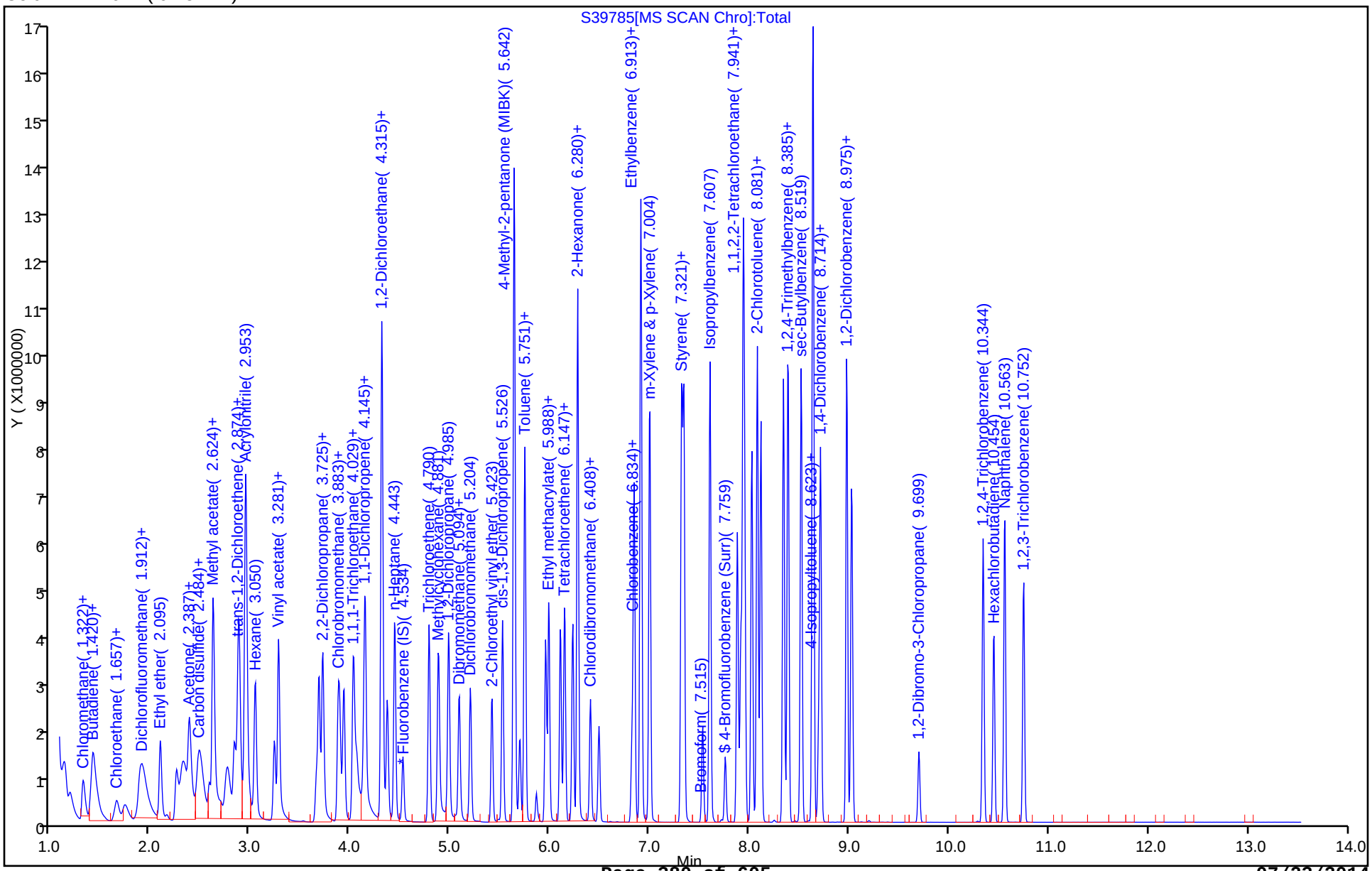
Report Date: 08-Jul-2014 17:10:14 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39785.D

Injection Date:	27-Jun-2014 22:01:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	IC 6			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

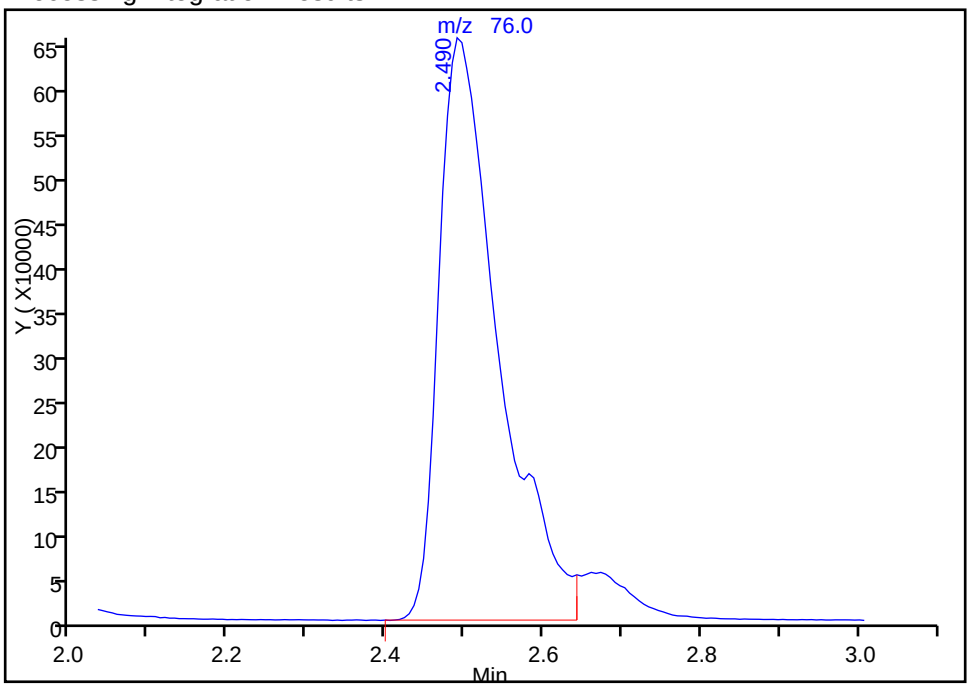
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39785.D
Injection Date: 27-Jun-2014 22:01:30 Instrument ID: HP5973S
Lims ID: IC 6
Client ID:
Operator ID: NQ ALS Bottle#: 7 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

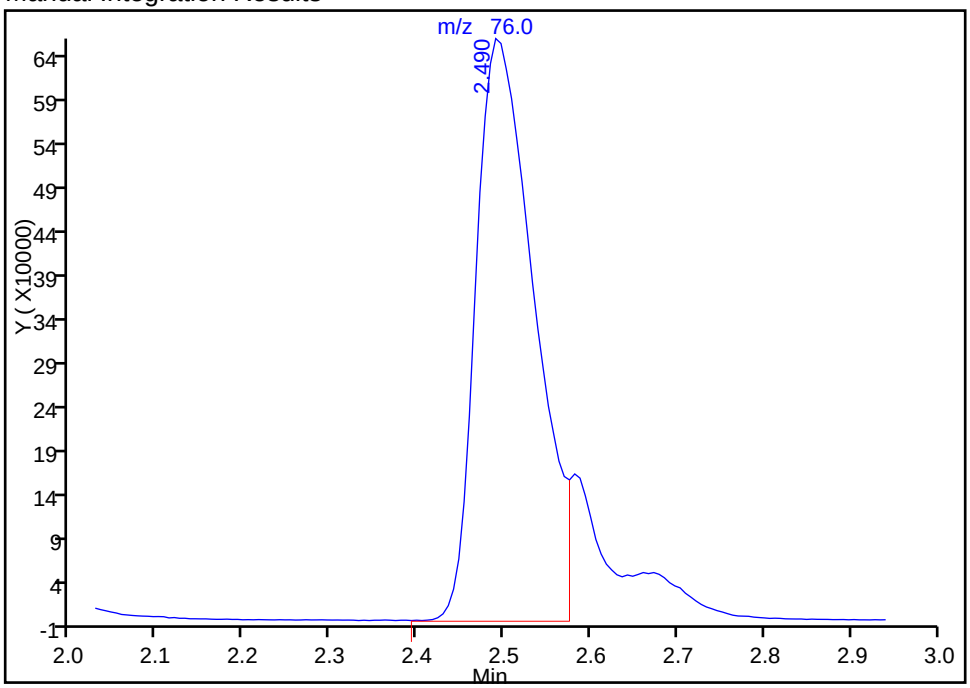
Processing Integration Results

RT: 2.49
Response: 3467472
Amount: 108.3044



Manual Integration Results

RT: 2.49
Response: 3107811
Amount: 98.922749



Reviewer: nguyendudziaknq, 30-Jun-2014 16:12:11
Audit Action: Manually Integrated
Audit Reason: Coelution

Manual Integration/User Assign Peak Report

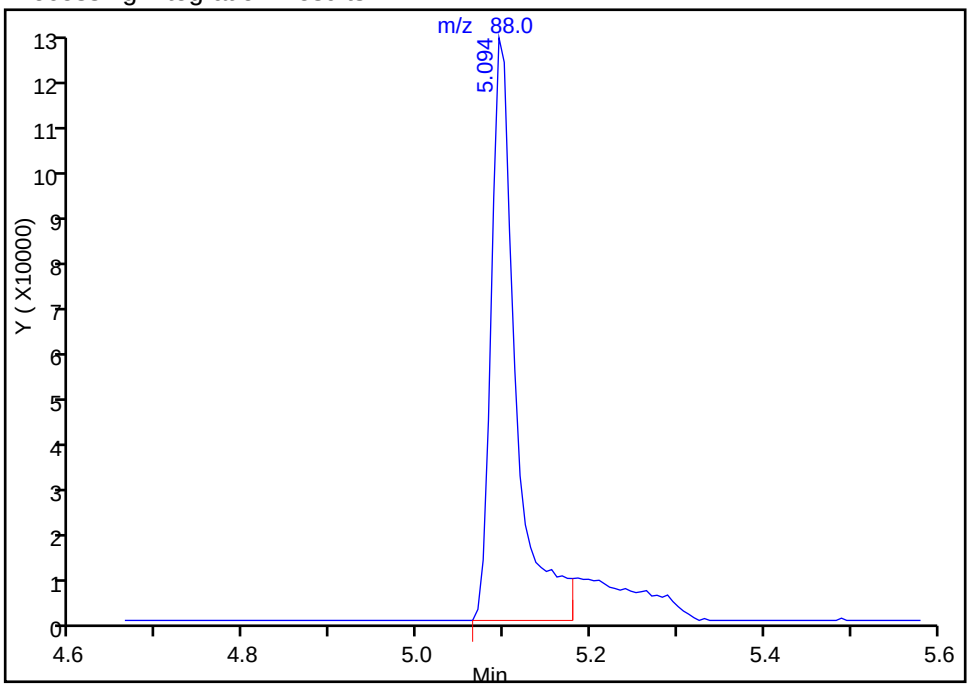
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39785.D
Injection Date: 27-Jun-2014 22:01:30 Instrument ID: HP5973S
Lims ID: IC 6
Client ID:
Operator ID: NQ ALS Bottle#: 7 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

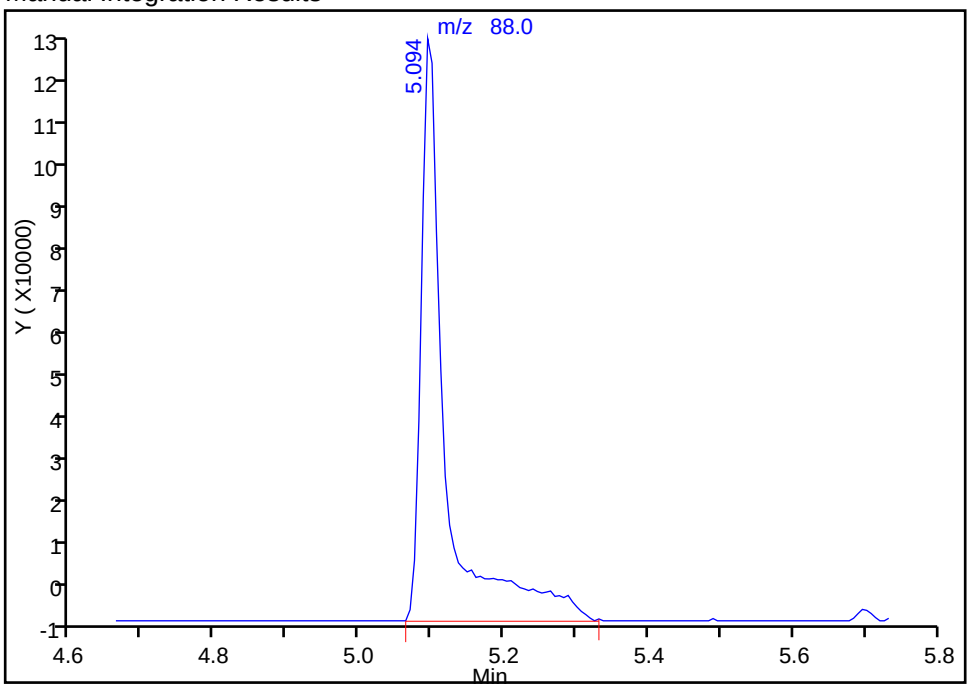
Processing Integration Results

RT: 5.09
Response: 257622
Amount: 1863.7919



Manual Integration Results

RT: 5.09
Response: 310810
Amount: 2028.4154



Reviewer: nguyendudziaknq, 30-Jun-2014 15:59:53
Audit Action: Manually Integrated
Audit Reason: Peak Tail

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-190242/9	T2722.D
Level 2	IC 480-190242/10	T2723.D
Level 3	IC 480-190242/11	T2724.D
Level 4	IC 480-190242/8	T2721.D
Level 5	ICIS 480-190242/12	T2725.D
Level 6	IC 480-190242/13	T2726.D
Level 7	IC 480-190242/14	T2727.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3042 0.2834	0.2910 0.2642	0.2803		0.2781	Ave		0.2835			0.1000	4.7		20.0			
Chloromethane	0.4425 0.3905	0.3833 0.3799	0.3700		0.3688	Ave		0.3892			0.1000	7.0		20.0			
Vinyl chloride	0.3565 0.3152	0.2982 0.2948	0.3072	0.4568	0.3112	Ave		0.3343			0.1000	17.0		20.0			
Butadiene	0.3601 0.3395	0.3422 0.3142	0.3361		0.3335	Ave		0.3376				4.4		20.0			
Bromomethane	0.1684 0.1202	0.1343 0.1122	0.1266		0.1203	Ave		0.1303			0.1000	15.0		20.0			
Chloroethane	0.2313 0.1597	0.1617 0.1578	0.1590		0.1582	Ave		0.1713			0.1000	17.0		20.0			
Trichlorofluoromethane	0.3776 0.3721	0.3615 0.3532	0.3529		0.3616	Ave		0.3632			0.1000	2.7		20.0			
Dichlorofluoromethane	0.4604 0.3298	0.3568 0.3138	0.3320		0.3258	Ave		0.3531				15.0		20.0			
Ethyl ether	0.3495 0.2678	0.2818 0.2533	0.2836		0.2678	Ave		0.2840				12.0		20.0			
Acrolein	0.0683 0.0443	0.0462 0.0427	0.0449		0.0452	Ave		0.0486				20.0		20.0			
1,1-Dichloroethene	0.2936 0.2156	0.2352 0.2020	0.2160		0.2163	Ave		0.2298			0.1000	14.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3050 0.2437	0.2477 0.2291	0.2468		0.2465	Ave		0.2531			0.1000	10.0		20.0			
Iodomethane	0.5112 0.4171	0.4316 0.3897	0.4285		0.4228	Ave		0.4335				9.4		20.0			
Acetone	0.1776 0.1233	0.1253 0.1197	0.1271		0.1242	Ave		0.1329			0.1000	17.0		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	1.1112 0.8597	0.8612 0.8077	0.8543		0.8474	Ave		0.8903			0.1000	12.0		20.0			
Allyl chloride	0.6840 0.5410	0.5426 0.5213	0.5195		0.5299	Ave		0.5564				11.0		20.0			
Methyl acetate	0.3785 0.3018	0.2847 0.3001	0.2908		0.2936	Ave		0.3082			0.1000	11.0		20.0			
Methylene Chloride	0.5944 0.2777	0.3296 0.2699	0.2987		0.2875	Lin1	0.3247	0.2688			0.1000				1.0000		0.9900
trans-1,2-Dichloroethene	0.3708 0.2738	0.2792 0.2609	0.2783		0.2741	Ave		0.2895			0.1000	14.0		20.0			
2-Methyl-2-propanol	0.0436 0.0446	0.0405 0.0462	0.0390		0.0438	Ave		0.0429				6.2		20.0			
Methyl tert-butyl ether	0.9704 0.8494	0.8129 0.8369	0.8625		0.8348	Ave		0.8612			0.1000	6.5		20.0			
Acrylonitrile	0.1588 0.1362	0.1284 0.1386	0.1317	0.1593	0.1339	Ave		0.1410				9.1		20.0			
Hexane	0.7372 0.4974	0.4814 0.4880	0.4951		0.4859	Ave		0.5308				19.0		20.0			
1,1-Dichloroethane	0.6865 0.5532	0.5443 0.5286	0.5311		0.5452	Ave		0.5648			0.2000	11.0		20.0			
Vinyl acetate	0.5902 0.6475	0.5356 0.6906	0.5791		0.5947	Ave		0.6063				9.0		20.0			
2,2-Dichloropropane	0.3957 0.3014	0.3177 0.2922	0.3043		0.3028	Ave		0.3190				12.0		20.0			
cis-1,2-Dichloroethene	0.3805 0.2936	0.2808 0.2857	0.2956		0.2931	Ave		0.3049			0.1000	12.0		20.0			
2-Butanone (MEK)	0.2198 0.1957	0.1878 0.1970	0.1869		0.1854	Ave		0.1954			0.1000	6.6		20.0			
Chlorobromomethane	0.1938 0.1501	0.1427 0.1489	0.1436		0.1452	Ave		0.1541				13.0		20.0			
Tetrahydrofuran	0.1738 0.1278	0.1221 0.1301	0.1255		0.1236	Ave		0.1338				15.0		20.0			
Chloroform	0.6420 0.4689	0.4757 0.4606	0.4680		0.4675	Ave		0.4971			0.2000	14.0		20.0			
Cyclohexane	0.6918 0.6037	0.5662 0.5905	0.5777		0.5740	Ave		0.6006			0.1000	7.8		20.0			
1,1,1-Trichloroethane	0.4537 0.3985	0.3724 0.3818	0.3620		0.3775	Ave		0.3910			0.1000	8.4		20.0			
Carbon tetrachloride	0.3837 0.3214	0.2889 0.3298	0.2870		0.2977	Ave		0.3181			0.1000	11.0		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	0.4160 0.3704	0.3541 0.3552	0.3455		0.3562	Ave		0.3662				7.0		20.0			
Benzene	1.3644 1.0778	1.0818 1.0407	1.0591		1.0398	Ave		1.1106			0.5000	11.0		20.0			
Isobutyl alcohol	0.0164 0.0208	0.0144 0.0218	0.0164		0.0183	Ave		0.0180				16.0		20.0			
1,2-Dichloroethane	0.5272 0.4360	0.4107 0.4308	0.4291		0.4219	Ave		0.4427			0.1000	9.6		20.0			
n-Heptane	0.8627 0.5667	0.5821 0.5433	0.5454		0.5629	Ave		0.6105				20.0		20.0			
Trichloroethene	0.3157 0.2751	0.2804 0.2720	0.2777		0.2711	Ave		0.2820			0.2000	6.0		20.0			
Methylcyclohexane	0.5683 0.4814	0.4899 0.4628	0.4623		0.4706	Ave		0.4892			0.1000	8.2		20.0			
1,2-Dichloropropane	0.3652 0.3090	0.2980 0.2958	0.3045		0.2983	Ave		0.3118			0.1000	8.5		20.0			
Dibromomethane	0.2209 0.1824	0.1728 0.1773	0.1795		0.1809	Ave		0.1857			0.1000	9.5		20.0			
1,4-Dioxane	0.0046 0.0047	0.0043 0.0051	0.0048		0.0049	Ave		0.0047				5.7		20.0			
Bromodichloromethane	0.3403 0.3319	0.2752 0.3470	0.3011		0.3099	Ave		0.3176			0.2000	8.6		20.0			
2-Chloroethyl vinyl ether	0.2089 0.2023	0.1776 0.2006	0.1947		0.1968	Ave		0.1968				5.4		20.0			
cis-1,3-Dichloropropene	0.4522 0.4179	0.3660 0.4293	0.4018	0.5332	0.4068	Ave		0.4296			0.2000	12.0		20.0			
4-Methyl-2-pentanone (MIBK)	0.6558 0.5819	0.5343 0.6059	0.5522		0.5662	Ave		0.5827			0.1000	7.5		20.0			
Toluene	1.1047 0.8872	0.8837 0.9009	0.8930		0.8794	Ave		0.9248			0.4000	9.6		20.0			
trans-1,3-Dichloropropene	0.5034 0.4868	0.4061 0.5334	0.4394	0.4153	0.4723	Ave		0.4652			0.1000	10.0		20.0			
Ethyl methacrylate	0.5167 0.5179	0.4311 0.5341	0.4633		0.4888	Ave		0.4920				7.9		20.0			
1,1,2-Trichloroethane	0.3235 0.2811	0.2524 0.2826	0.2738		0.2812	Ave		0.2824			0.1000	8.2		20.0			
Tetrachloroethene	0.4792 0.3668	0.3534 0.3671	0.3653		0.3583	Ave		0.3817			0.2000	13.0		20.0			
1,3-Dichloropropane	0.7169 0.5845	0.5741 0.5917	0.5849		0.5677	Ave		0.6033				9.3		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.4314 0.4234	0.3651 0.4444	0.3964		0.4101	Ave		0.4118			0.1000	6.9		20.0			
Dibromochloromethane	0.3103 0.3118	0.2330 0.3421	0.2503		0.2789	Ave		0.2877			0.1000	14.0		20.0			
1,2-Dibromoethane	0.3943 0.3446	0.3098 0.3603	0.3238		0.3400	Ave		0.3455				8.6		20.0			
Chlorobenzene	1.1765 0.9906	0.9790 1.0069	0.9970		0.9810	Ave		1.0218			0.5000	7.5		20.0			
1,1,1,2-Tetrachloroethane	0.3135 0.3134	0.2604 0.3434	0.2709		0.2991	Ave		0.3001				10.0		20.0			
Ethylbenzene	2.1089 1.7266	1.6762 1.7529	1.6946		1.6924	Ave		1.7753			0.1000	9.3		20.0			
m,p-Xylene	0.8069 0.6818	0.6623 0.6818	0.6768		0.6648	Ave		0.6957			0.1000	7.9		20.0			
o-Xylene	0.7784 0.6560	0.6392 0.6624	0.6469		0.6599	Ave		0.6738			0.3000	7.7		20.0			
Styrene	1.3297 1.1786	1.0924 1.1735	1.1293		1.1364	Ave		1.1733			0.3000	7.1		20.0			
Bromoform	0.1700 0.1705	0.1232 0.1975	0.1321		0.1492	Ave		0.1571			0.1000	18.0		20.0			
Isopropylbenzene	4.1612 3.2971	3.3750 3.2139	3.3688		3.2459	Ave		3.4436			0.1000	10.0		20.0			
Bromobenzene	1.0260 0.7863	0.7882 0.7677	0.7889		0.7825	Ave		0.8233				12.0		20.0			
1,1,2,2-Tetrachloroethane	1.0374 0.8752	0.8262 0.8671	0.8769		0.8520	Ave		0.8891			0.3000	8.4		20.0			
N-Propylbenzene	5.1662 3.9705	3.9761 3.8141	4.0744		3.9607	Ave		4.1603				12.0		20.0			
1,2,3-Trichloropropane	0.3507 0.2761	0.2602 0.2695	0.2810		0.2652	Ave		0.2838				12.0		20.0			
trans-1,4-Dichloro-2-butene	0.2329 0.3250	0.2457 0.3456	0.2705		0.2910	Ave		0.2851				16.0		20.0			
2-Chlorotoluene	1.0145 0.7678	0.7616 0.7409	0.7939		0.7704	Ave		0.8082				13.0		20.0			
1,3,5-Trimethylbenzene	3.5260 2.7744	2.8289 2.6895	2.8311		2.7072	Ave		2.8928				11.0		20.0			
4-Chlorotoluene	3.2753 2.7169	2.6098 2.6400	2.7752		2.6267	Ave		2.7740				9.1		20.0			
tert-Butylbenzene	0.7916 0.6172	0.5853 0.5909	0.6326		0.6105	Ave		0.6380				12.0		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	3.5033 2.9061	2.8998 2.8269	2.8776		2.8586	Ave		2.9787				8.7		20.0			
sec-Butylbenzene	4.5553 3.6379	3.6003 3.5329	3.6446		3.5698	Ave		3.7568				10.0		20.0			
1,3-Dichlorobenzene	2.0976 1.5857	1.5628 1.5218	1.5844		1.5654	Ave		1.6530			0.6000	13.0		20.0			
4-Isopropyltoluene	3.5917 3.1638	3.0764 3.0479	3.1583		3.0610	Ave		3.1832				6.5		20.0			
1,4-Dichlorobenzene	1.9990 1.6170	1.6296 1.5844	1.6260		1.6041	Ave		1.6767			0.5000	9.5		20.0			
n-Butylbenzene	3.4952 2.9499	2.7861 2.8037	2.8366		2.8624	Ave		2.9557				9.2		20.0			
1,2-Dichlorobenzene	1.8202 1.5574	1.5249 1.4901	1.5211		1.5229	Ave		1.5728			0.4000	7.8		20.0			
1,2-Dibromo-3-Chloropropane	0.1065 0.1395	0.1184 0.1482	0.1130		0.1273	Ave		0.1255			0.0500	13.0		20.0			
1,2,4-Trichlorobenzene	1.1103 0.9875	0.9660 0.9462	0.9659		0.9804	Ave		0.9927			0.2000	6.0		20.0			
Hexachlorobutadiene	0.5547 0.4413	0.4361 0.4232	0.4481	0.5033	0.4374	Ave		0.4634				10.0		20.0			
Naphthalene	2.7171 2.8151	2.5128 2.6755	2.6587		2.6924	Ave		2.6786				3.7		20.0			
1,2,3-Trichlorobenzene	1.0345 0.9449	0.8271 0.8677	0.9144		0.9142	Ave		0.9171				7.7		20.0			
Dibromofluoromethane (Surr)	0.2501 0.2635	0.2463 0.2550	0.2523	0.2488	0.2548	Ave		0.2530				2.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3153 0.3238	0.3195 0.3198	0.3217	0.3152	0.3131	Ave		0.3184				1.2		20.0			
Toluene-d8 (Surr)	1.2637 1.2315	1.2376 1.2780	1.2702	1.2805	1.2698	Ave		1.2616				1.5		20.0			
4-Bromofluorobenzene (Surr)	0.3634 0.3707	0.3735 0.3806	0.3615	0.3696	0.3838	Ave		0.3719				2.2		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-190242/9	T2722.D
Level 2	IC 480-190242/10	T2723.D
Level 3	IC 480-190242/11	T2724.D
Level 4	IC 480-190242/8	T2721.D
Level 5	ICIS 480-190242/12	T2725.D
Level 6	IC 480-190242/13	T2726.D
Level 7	IC 480-190242/14	T2727.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	7085 343673	33784 686600	65446		167289	1.00 50.0	5.00 100	10.0		25.0
Chloromethane	FB	Ave	10306 473645	44496 987399	86388		221835	1.00 50.0	5.00 100	10.0		25.0
Vinyl chloride	FB	Ave	8302 382247	34621 766153	71731	4116	187189	1.00 50.0	5.00 100	10.0	0.400	25.0
Butadiene	FB	Ave	8386 411705	39727 816504	78480		200619	1.00 50.0	5.00 100	10.0		25.0
Bromomethane	FB	Ave	3923 145741	15587 291558	29565		72340	1.00 50.0	5.00 100	10.0		25.0
Chloroethane	FB	Ave	5386 193675	18773 410115	37128		95150	1.00 50.0	5.00 100	10.0		25.0
Trichlorofluoromethane	FB	Ave	8795 451290	41970 918026	82395		217492	1.00 50.0	5.00 100	10.0		25.0
Dichlorofluoromethane	FB	Ave	10723 400042	41426 815429	77522		195935	1.00 50.0	5.00 100	10.0		25.0
Ethyl ether	FB	Ave	8141 324818	32714 658271	66230		161048	1.00 50.0	5.00 100	10.0		25.0
Acrolein	FB	Ave	7957 268571	26840 554303	52446		135942	5.00 250	25.0 500	50.0		125
1,1-Dichloroethene	FB	Ave	6839 261537	27304 525025	50425		130082	1.00 50.0	5.00 100	10.0		25.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	7104 295525	28758 595364	57628		148236	1.00 50.0	5.00 100	10.0		25.0
Iodomethane	FB	Ave	11907 505840	50109 1012785	100058		254326	1.00 50.0	5.00 100	10.0		25.0
Acetone	FB	Ave	20679 747946	72742 1555444	148444		373562	5.00 250	25.0 500	50.0		125
Carbon disulfide	FB	Ave	25881 1042747	99984 2099152	199488		509688	1.00 50.0	5.00 100	10.0		25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Allyl chloride	FB	Ave	15930 656143	62997 1354704	121308		318708	1.00 50.0	5.00 100	10.0		25.0
Methyl acetate	FB	Ave	44074 1829984	165255 3900168	339490		882854	5.00 250	25.0 500	50.0		125
Methylene Chloride	FB	Lin1	13843 336823	38270 701572	69756		172907	1.00 50.0	5.00 100	10.0		25.0
trans-1,2-Dichloroethene	FB	Ave	8636 332051	32415 677986	64993		164891	1.00 50.0	5.00 100	10.0		25.0
2-Methyl-2-propanol	FB	Ave	10151 540420	46975 1199480	91141		263587	10.0 500	50.0 1000	100		250
Methyl tert-butyl ether	FB	Ave	22602 1030157	94377 2174946	201402		502117	1.00 50.0	5.00 100	10.0		25.0
Acrylonitrile	FB	Ave	36997 1651727	149032 3601116	307465	14357	805294	10.0 500	50.0 1000	100	4.00	250
Hexane	FB	Ave	17171 603265	55890 1268338	115597		292229	1.00 50.0	5.00 100	10.0		25.0
1,1-Dichloroethane	FB	Ave	15989 670990	63189 1373750	124023		327940	1.00 50.0	5.00 100	10.0		25.0
Vinyl acetate	FB	Ave	27492 1570753	124359 3589485	270443		715402	2.00 100	10.0 200	20.0		50.0
2,2-Dichloropropane	FB	Ave	9217 365588	36884 759402	71047		182125	1.00 50.0	5.00 100	10.0		25.0
cis-1,2-Dichloroethene	FB	Ave	8861 356081	32594 742416	69022		176271	1.00 50.0	5.00 100	10.0		25.0
2-Butanone (MEK)	FB	Ave	25598 1186639	108994 2559733	218224		557503	5.00 250	25.0 500	50.0		125
Chlorobromomethane	FB	Ave	4513 182042	16567 387034	33538		87343	1.00 50.0	5.00 100	10.0		25.0
Tetrahydrofuran	FB	Ave	8094 310092	28347 676325	58603		148679	2.00 100	10.0 200	20.0		50.0
Chloroform	FB	Ave	14953 568749	55227 1197076	109284		281193	1.00 50.0	5.00 100	10.0		25.0
Cyclohexane	FB	Ave	16112 732221	65728 1534726	134886		345235	1.00 50.0	5.00 100	10.0		25.0
1,1,1-Trichloroethane	FB	Ave	10568 483354	43232 992165	84533		227055	1.00 50.0	5.00 100	10.0		25.0
Carbon tetrachloride	FB	Ave	8936 389768	33540 857016	67005		179080	1.00 50.0	5.00 100	10.0		25.0
1,1-Dichloropropene	FB	Ave	9688 449203	41108 923067	80685		214242	1.00 50.0	5.00 100	10.0		25.0
Benzene	FB	Ave	31779 1307209	125588 2704665	247304		625384	1.00 50.0	5.00 100	10.0		25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Isobutyl alcohol	FB	Ave	9571 631821	41750 1419192	95744		275118	25.0 1250	125 2500	250		625
1,2-Dichloroethane	FB	Ave	12279 528844	47686 1119699	100207		253786	1.00 50.0	5.00 100	10.0		25.0
n-Heptane	FB	Ave	20093 687337	67579 1412052	127361		338572	1.00 50.0	5.00 100	10.0		25.0
Trichloroethene	FB	Ave	7352 333663	32551 706880	64843		163066	1.00 50.0	5.00 100	10.0		25.0
Methylcyclohexane	FB	Ave	13236 583845	56876 1202690	107953		283025	1.00 50.0	5.00 100	10.0		25.0
1,2-Dichloropropane	FB	Ave	8506 374728	34597 768745	71098		179446	1.00 50.0	5.00 100	10.0		25.0
Dibromomethane	FB	Ave	5146 221276	20065 460837	41913		108811	1.00 50.0	5.00 100	10.0		25.0
1,4-Dioxane	CBZ	Ave	1600 86522	7524 192124	16722		43594	20.0 1000	100 2000	200		500
Bromodichloromethane	FB	Ave	7926 402569	31947 901899	70297		186378	1.00 50.0	5.00 100	10.0		25.0
2-Chloroethyl vinyl ether	FB	Ave	4866 245345	20615 521249	45462		118361	1.00 50.0	5.00 100	10.0		25.0
cis-1,3-Dichloropropene	FB	Ave	10533 506889	42494 1115743	93820	4805	244649	1.00 50.0	5.00 100	10.0	0.400	25.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	57146 2686660	233058 5692852	484617		1267351	5.00 250	25.0 500	50.0		125
Toluene	CBZ	Ave	19251 819322	77087 1692944	156735		393664	1.00 50.0	5.00 100	10.0		25.0
trans-1,3-Dichloropropene	CBZ	Ave	8772 449492	35424 1002321	77120	2813	211441	1.00 50.0	5.00 100	10.0	0.400	25.0
Ethyl methacrylate	CBZ	Ave	9005 478229	37607 1003725	81306		218819	1.00 50.0	5.00 100	10.0		25.0
1,1,2-Trichloroethane	CBZ	Ave	5638 259596	22017 530997	48049		125899	1.00 50.0	5.00 100	10.0		25.0
Tetrachloroethene	CBZ	Ave	8351 338683	30827 689840	64111		160403	1.00 50.0	5.00 100	10.0		25.0
1,3-Dichloropropane	CBZ	Ave	12494 539761	50085 1112006	102654		254119	1.00 50.0	5.00 100	10.0		25.0
2-Hexanone	CBZ	Ave	37593 1954794	159235 4175243	347855		917847	5.00 250	25.0 500	50.0		125
Dibromochloromethane	CBZ	Ave	5408 287926	20322 642871	43929		124868	1.00 50.0	5.00 100	10.0		25.0
1,2-Dibromoethane	CBZ	Ave	6872 318234	27023 677052	56832		152192	1.00 50.0	5.00 100	10.0		25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBZ	Ave	20502 914732	85408 1892111	174986		439149	1.00 50.0	5.00 100	10.0		25.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	5463 289377	22715 645270	47538		133901	1.00 50.0	5.00 100	10.0		25.0
Ethylbenzene	CBZ	Ave	36752 1594445	146227 3294118	297415		757640	1.00 50.0	5.00 100	10.0		25.0
m,p-Xylene	CBZ	Ave	14061 629645	57774 1281317	118780		297610	1.00 50.0	5.00 100	10.0		25.0
o-Xylene	CBZ	Ave	13565 605746	55765 1244714	113543		295406	1.00 50.0	5.00 100	10.0		25.0
Styrene	CBZ	Ave	23172 1088363	95299 2205286	198203		508708	1.00 50.0	5.00 100	10.0		25.0
Bromoform	CBZ	Ave	2963 157475	10751 371065	23181		66776	1.00 50.0	5.00 100	10.0		25.0
Isopropylbenzene	DCB	Ave	35714 1642054	149966 3353619	300495		775575	1.00 50.0	5.00 100	10.0		25.0
Bromobenzene	DCB	Ave	8806 391587	35024 801058	70369		186964	1.00 50.0	5.00 100	10.0		25.0
1,1,2,2-Tetrachloroethane	DCB	Ave	8904 435876	36710 904798	78219		203579	1.00 50.0	5.00 100	10.0		25.0
N-Propylbenzene	DCB	Ave	44339 1977462	176676 3979940	363434		946354	1.00 50.0	5.00 100	10.0		25.0
1,2,3-Trichloropropane	DCB	Ave	3010 137498	11563 281260	25065		63368	1.00 50.0	5.00 100	10.0		25.0
trans-1,4-Dichloro-2-butene	DCB	Ave	1999 161880	10916 360650	24128		69541	1.00 50.0	5.00 100	10.0		25.0
2-Chlorotoluene	DCB	Ave	8707 382415	33843 773118	70815		184071	1.00 50.0	5.00 100	10.0		25.0
1,3,5-Trimethylbenzene	DCB	Ave	30262 1381767	125704 2806392	252532		646840	1.00 50.0	5.00 100	10.0		25.0
4-Chlorotoluene	DCB	Ave	28111 1353120	115965 2754745	247543		627618	1.00 50.0	5.00 100	10.0		25.0
tert-Butylbenzene	DCB	Ave	6794 307396	26009 616620	56432		145875	1.00 50.0	5.00 100	10.0		25.0
1,2,4-Trimethylbenzene	DCB	Ave	30067 1447326	128851 2949822	256681		683034	1.00 50.0	5.00 100	10.0		25.0
sec-Butylbenzene	DCB	Ave	39096 1811798	159978 3686484	325094		852954	1.00 50.0	5.00 100	10.0		25.0
1,3-Dichlorobenzene	DCB	Ave	18003 789724	69441 1588003	141330		374033	1.00 50.0	5.00 100	10.0		25.0
4-Isopropyltoluene	DCB	Ave	30826 1575662	136701 3180361	281717		731385	1.00 50.0	5.00 100	10.0		25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1 Analy Batch No.: 190242

SDG No.:

Instrument ID: HP5975T GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2014 14:16 Calibration End Date: 06/27/2014 16:39 Calibration ID: 19161

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCB	Ave	17157 805320	72412 1653314	145036		383290	1.00 50.0	5.00 100	10.0		25.0
n-Butylbenzene	DCB	Ave	29998 1469164	123802 2925600	253025		683940	1.00 50.0	5.00 100	10.0		25.0
1,2-Dichlorobenzene	DCB	Ave	15622 775633	67757 1554845	135680		363888	1.00 50.0	5.00 100	10.0		25.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	914 69489	5259 154663	10082		30420	1.00 50.0	5.00 100	10.0		25.0
1,2,4-Trichlorobenzene	DCB	Ave	9529 491828	42923 987310	86161		234249	1.00 50.0	5.00 100	10.0		25.0
Hexachlorobutadiene	DCB	Ave	4761 219772	19378 441605	39971	1673	104505	1.00 50.0	5.00 100	10.0	0.400	25.0
Naphthalene	DCB	Ave	23320 1401997	111655 2791786	237155		643314	1.00 50.0	5.00 100	10.0		25.0
1,2,3-Trichlorobenzene	DCB	Ave	8879 470608	36751 905428	81567		218437	1.00 50.0	5.00 100	10.0		25.0
Dibromofluoromethane (Surr)	FB	Ave	145640 159783	142955 165649	147269	140116	153254	25.0 25.0	25.0 25.0	25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	183580 196364	185482 207766	187818	177517	188339	25.0 25.0	25.0 25.0	25.0	25.0	25.0
Toluene-d8 (Surr)	CBZ	Ave	550551 568593	539827 600391	557328	542142	568457	25.0 25.0	25.0 25.0	25.0	25.0	25.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	158344 171158	162900 178793	158602	156475	171812	25.0 25.0	25.0 25.0	25.0	25.0	25.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2721.D
Lims ID: IC 0.4
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Jun-2014 14:16:30 ALS Bottle#: 32 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 0.4
Misc. Info.: 480-0033352-008
Operator ID: LH Instrument ID: HP5975T
Sublist: chrom-T-8260*sub48

Method: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 13:52:15 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: nguyendudziaknq Date: 28-Jun-2014 13:52:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	563202	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	86	423369	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	207774	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	58	140116	25.0	24.6	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	177517	25.0	24.8	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	93	542142	25.0	25.4	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	90	156475	25.0	24.8	
11 Dichlorodifluoromethane	85		0.916					ND	
13 Chloromethane	50		1.030					ND	
14 Vinyl chloride	62	1.102	1.102	0.000	59	4116	0.4000	0.5466	
151 Butadiene	54		1.123					ND	
15 Bromomethane	94		1.320					ND	
16 Chloroethane	64		1.392					ND	
17 Trichlorofluoromethane	101		1.558					ND	
18 Dichlorofluoromethane	67		1.569					ND	
19 Ethyl ether	59		1.797					ND	
21 Acrolein	56		1.962					ND	
22 1,1-Dichloroethene	96		1.973					ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.983					ND	
24 Iodomethane	142		2.108					ND	
23 Acetone	43		2.108					ND	
25 Carbon disulfide	76		2.128					ND	
27 3-Chloro-1-propene	41		2.304					ND	
28 Methyl acetate	43		2.377					ND	
30 Methylene Chloride	84		2.439					ND	
33 Methyl tert-butyl ether	73		2.636					ND	
31 2-Methyl-2-propanol	59		2.636					ND	
32 trans-1,2-Dichloroethene	96		2.636					ND	
34 Acrylonitrile	53	2.719	2.709	0.010	96	14357	4.00	4.52	
35 Hexane	57		2.812					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63		3.009					ND	
39 Vinyl acetate	43		3.071					ND	
42 2,2-Dichloropropane	77		3.444					ND	
43 cis-1,2-Dichloroethene	96		3.475					ND	
44 2-Butanone (MEK)	43		3.538					ND	
47 Chlorobromomethane	128		3.672					ND	
48 Tetrahydrofuran	42		3.703					ND	
50 Chloroform	83		3.745					ND	
52 Cyclohexane	56		3.817					ND	
51 1,1,1-Trichloroethane	97		3.828					ND	
53 Carbon tetrachloride	117		3.931					ND	
54 1,1-Dichloropropene	75		3.952					ND	
55 Benzene	78		4.118					ND	
56 Isobutyl alcohol	43		4.180					ND	
57 1,2-Dichloroethane	62		4.180					ND	
59 n-Heptane	43		4.263					ND	
60 Trichloroethene	95		4.605					ND	
62 Methylcyclohexane	83		4.688					ND	
63 1,2-Dichloropropane	63		4.802					ND	
65 Dibromomethane	93		4.906					ND	
66 1,4-Dioxane	88		4.937					ND	
67 Dichlorobromomethane	83		5.030					ND	
69 2-Chloroethyl vinyl ether	63		5.258					ND	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	39	4805	0.4000	0.4965	
72 4-Methyl-2-pentanone (MIBK	43		5.475					ND	
73 Toluene	92		5.569					ND	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	53	2813	0.4000	0.3571	
77 Ethyl methacrylate	69		5.838					ND	
78 1,1,2-Trichloroethane	83		5.931					ND	
79 Tetrachloroethene	166		5.963					ND	
80 1,3-Dichloropropane	76		6.045					ND	
81 2-Hexanone	43		6.118					ND	
82 Chlorodibromomethane	129		6.222					ND	
83 Ethylene Dibromide	107		6.294					ND	
86 Chlorobenzene	112		6.657					ND	
89 1,1,1,2-Tetrachloroethane	131		6.729					ND	
88 Ethylbenzene	91		6.729					ND	
90 m-Xylene & p-Xylene	106		6.823					ND	
91 o-Xylene	106		7.134					ND	
92 Styrene	104		7.154					ND	
93 Bromoform	173		7.330					ND	
95 Isopropylbenzene	105		7.413					ND	
97 Bromobenzene	156		7.672					ND	
98 1,1,2,2-Tetrachloroethane	83		7.724					ND	
99 N-Propylbenzene	91		7.745					ND	
100 1,2,3-Trichloropropane	110		7.755					ND	
101 trans-1,4-Dichloro-2-buten	53		7.766					ND	
105 2-Chlorotoluene	126		7.828					ND	
104 1,3,5-Trimethylbenzene	105		7.890					ND	
102 4-Chlorotoluene	91		7.911					ND	
106 tert-Butylbenzene	134		8.149					ND	
107 1,2,4-Trimethylbenzene	105		8.191					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105		8.325					ND	
110 1,3-Dichlorobenzene	146		8.429					ND	
111 4-Isopropyltoluene	119		8.450					ND	
113 1,4-Dichlorobenzene	146		8.512					ND	
115 n-Butylbenzene	91		8.781					ND	
116 1,2-Dichlorobenzene	146		8.812					ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486					ND	
119 1,2,4-Trichlorobenzene	180		10.118					ND	
120 Hexachlorobutadiene	225	10.243	10.232	0.011	31	1673	0.4000	0.4344	
121 Naphthalene	128		10.336					ND	
122 1,2,3-Trichlorobenzene	180		10.533					ND	
S 125 Total BTEX	1		30.000					0	
S 126 Xylenes, Total	1		30.000					0	
S 123 1,3-Dichloropropene, Total	1				0			0.8535	
S 124 1,2-Dichloroethene, Total	1		30.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

8260 CORP mix_00015	Amount Added:	0.40	Units: uL	
GAS CORP mix_00034	Amount Added:	0.40	Units: uL	
T_8260_IS_00079	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00078	Amount Added:	1.00	Units: uL	Run Reagent

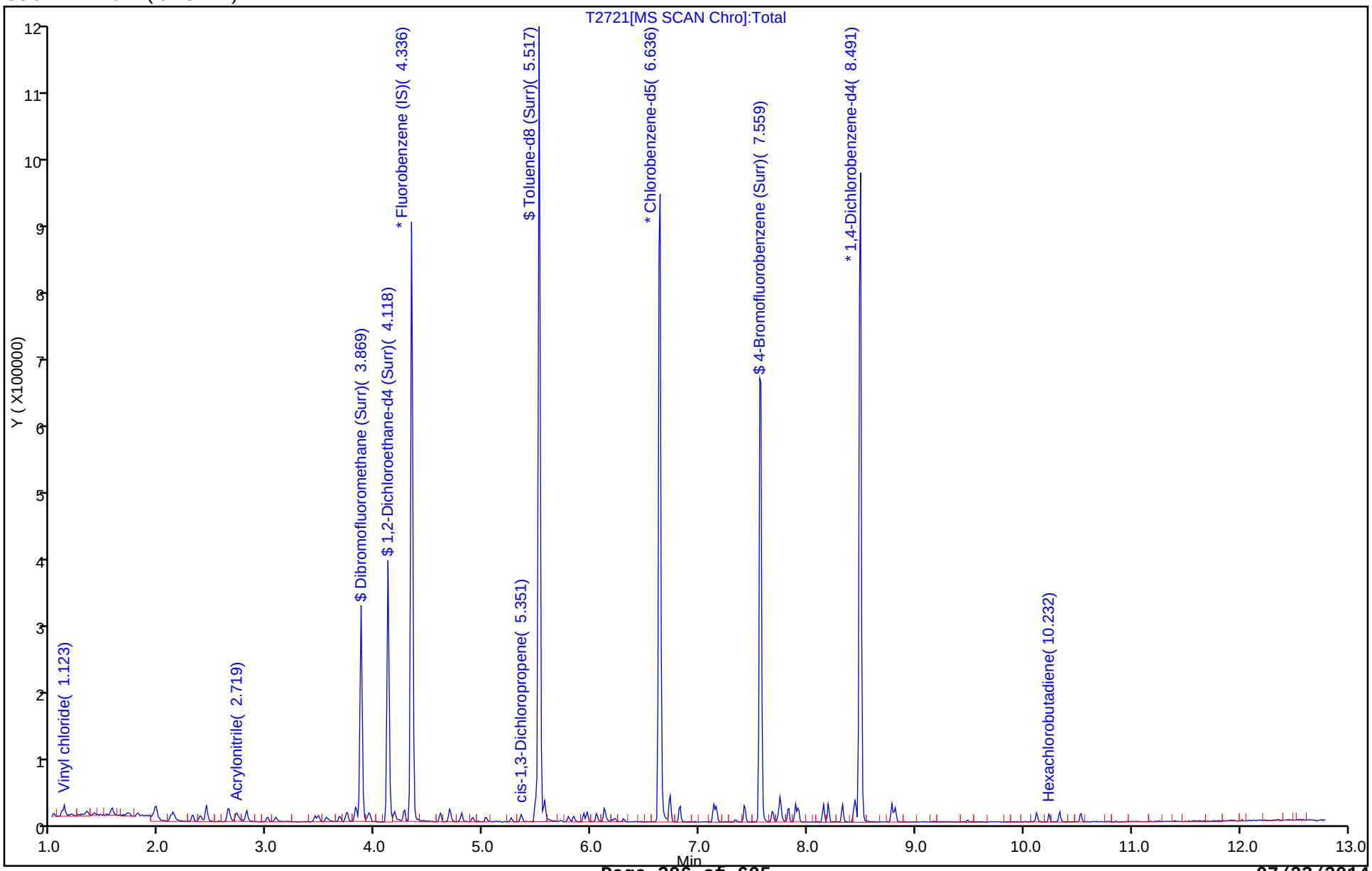
Report Date: 28-Jun-2014 13:52:16 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2721.D

Injection Date:	27-Jun-2014 14:16:30	Instrument ID:	HP5975T	Operator ID:	LH
Lims ID:	IC 0.4			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2722.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Jun-2014 14:39:30 ALS Bottle#: 33 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0033352-009
Operator ID: LH Instrument ID: HP5975T
Sublist: chrom-T-8260*sub48

Method: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 13:52:24 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: nguyendudziaknq Date: 28-Jun-2014 13:52:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	582268	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	86	435674	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	95	214565	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	57	145640	25.0	24.7	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	183580	25.0	24.8	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	93	550551	25.0	25.0	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	91	158344	25.0	24.4	
11 Dichlorodifluoromethane	85	0.905	0.916	-0.011	73	7085	1.00	1.07	
13 Chloromethane	50	1.019	1.030	-0.011	82	10306	1.00	1.14	
14 Vinyl chloride	62	1.102	1.102	0.000	73	8302	1.00	1.07	
151 Butadiene	54	1.123	1.123	0.000	94	8386	1.00	1.07	
15 Bromomethane	94	1.320	1.320	0.000	79	3923	1.00	1.29	
16 Chloroethane	64	1.382	1.392	-0.010	64	5386	1.00	1.35	
17 Trichlorofluoromethane	101	1.548	1.558	-0.010	69	8795	1.00	1.04	
18 Dichlorofluoromethane	67	1.558	1.569	-0.011	85	10723	1.00	1.30	
19 Ethyl ether	59	1.797	1.797	0.000	80	8141	1.00	1.23	
21 Acrolein	56	1.952	1.962	-0.010	83	7957	5.00	7.03	
22 1,1-Dichloroethene	96	1.962	1.973	-0.011	80	6839	1.00	1.28	
20 1,1,2-Trichloro-1,2,2-trif	101	1.973	1.983	-0.010	46	7104	1.00	1.21	
23 Acetone	43	2.107	2.108	-0.001	94	20679	5.00	6.68	
24 Iodomethane	142	2.097	2.108	-0.011	93	11907	1.00	1.18	
25 Carbon disulfide	76	2.128	2.128	0.000	99	25881	1.00	1.25	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	75	15930	1.00	1.23	
28 Methyl acetate	43	2.377	2.377	0.000	97	44074	5.00	6.14	
30 Methylene Chloride	84	2.429	2.439	-0.010	87	13843	1.00	1.00	
33 Methyl tert-butyl ether	73	2.646	2.636	0.010	84	22602	1.00	1.13	
31 2-Methyl-2-propanol	59	2.657	2.636	0.021	50	10151	10.0	10.2	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	88	8636	1.00	1.28	
34 Acrylonitrile	53	2.708	2.709	-0.001	99	36997	10.0	11.3	
35 Hexane	57	2.802	2.812	-0.010	90	17171	1.00	1.39	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	3.009	-0.010	73	15989	1.00	1.22	
39 Vinyl acetate	43	3.082	3.071	0.011	95	27492	2.00	1.95	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	69	9217	1.00	1.24	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	52	8861	1.00	1.25	
44 2-Butanone (MEK)	43	3.548	3.538	0.010	97	25598	5.00	5.62	
47 Chlorobromomethane	128	3.672	3.672	0.000	82	4513	1.00	1.26	
48 Tetrahydrofuran	42	3.714	3.703	0.011	88	8094	2.00	2.60	
50 Chloroform	83	3.734	3.745	-0.011	75	14953	1.00	1.29	
52 Cyclohexane	56	3.817	3.817	0.000	94	16112	1.00	1.15	
51 1,1,1-Trichloroethane	97	3.817	3.828	-0.011	71	10568	1.00	1.16	
53 Carbon tetrachloride	117	3.931	3.931	0.000	63	8936	1.00	1.21	
54 1,1-Dichloropropene	75	3.942	3.952	-0.010	79	9688	1.00	1.14	
55 Benzene	78	4.118	4.118	0.000	45	31779	1.00	1.23	
57 1,2-Dichloroethane	62	4.180	4.180	0.000	75	12279	1.00	1.19	
56 Isobutyl alcohol	43	4.180	4.180	0.000	45	9571	25.0	22.8	
59 n-Heptane	43	4.263	4.263	0.000	91	20093	1.00	1.41	
60 Trichloroethene	95	4.605	4.605	0.000	82	7352	1.00	1.12	
62 Methylcyclohexane	83	4.688	4.688	0.000	87	13236	1.00	1.16	
63 1,2-Dichloropropane	63	4.802	4.802	0.000	74	8506	1.00	1.17	
65 Dibromomethane	93	4.905	4.906	-0.001	79	5146	1.00	1.19	
66 1,4-Dioxane	88	4.947	4.937	0.010	27	1600	20.0	19.4	
67 Dichlorobromomethane	83	5.019	5.030	-0.011	79	7926	1.00	1.07	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	72	4866	1.00	1.06	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	63	10533	1.00	1.05	
72 4-Methyl-2-pentanone (MIBK	43	5.486	5.475	0.011	96	57146	5.00	5.63	
73 Toluene	92	5.569	5.569	0.000	92	19251	1.00	1.19	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	78	8772	1.00	1.08	
77 Ethyl methacrylate	69	5.838	5.838	0.000	69	9005	1.00	1.05	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	80	5638	1.00	1.15	
79 Tetrachloroethene	166	5.962	5.963	-0.001	85	8351	1.00	1.26	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	85	12494	1.00	1.19	
81 2-Hexanone	43	6.118	6.118	0.000	96	37593	5.00	5.24	
82 Chlorodibromomethane	129	6.222	6.222	0.000	43	5408	1.00	1.08	
83 Ethylene Dibromide	107	6.294	6.294	0.000	69	6872	1.00	1.14	
86 Chlorobenzene	112	6.657	6.657	0.000	82	20502	1.00	1.15	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	22	5463	1.00	1.04	
88 Ethylbenzene	91	6.729	6.729	0.000	96	36752	1.00	1.19	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.000	0	14061	1.00	1.16	
91 o-Xylene	106	7.134	7.134	0.000	95	13565	1.00	1.16	
92 Styrene	104	7.154	7.154	0.000	86	23172	1.00	1.13	
93 Bromoform	173	7.341	7.330	0.011	65	2963	1.00	1.08	
95 Isopropylbenzene	105	7.424	7.413	0.011	90	35714	1.00	1.21	
97 Bromobenzene	156	7.683	7.672	0.011	91	8806	1.00	1.25	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	74	8904	1.00	1.17	
99 N-Propylbenzene	91	7.745	7.745	0.000	97	44339	1.00	1.24	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	59	3010	1.00	1.24	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	24	1999	1.00	0.8169	
105 2-Chlorotoluene	126	7.828	7.828	0.000	94	8707	1.00	1.26	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	89	30262	1.00	1.22	
102 4-Chlorotoluene	91	7.911	7.911	0.000	91	28111	1.00	1.18	
106 tert-Butylbenzene	134	8.149	8.149	0.000	88	6794	1.00	1.24	
107 1,2,4-Trimethylbenzene	105	8.191	8.191	0.000	93	30067	1.00	1.18	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.000	82	39096	1.00	1.21	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	96	18003	1.00	1.27	
111 4-Isopropyltoluene	119	8.450	8.450	0.000	90	30826	1.00	1.13	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.000	76	17157	1.00	1.19	
115 n-Butylbenzene	91	8.781	8.781	0.000	95	29998	1.00	1.18	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	83	15622	1.00	1.16	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	4	914	1.00	0.8486	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	77	9529	1.00	1.12	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	64	4761	1.00	1.20	
121 Naphthalene	128	10.336	10.336	0.000	85	23320	1.00	1.01	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.000	80	8879	1.00	1.13	
S 123 1,3-Dichloropropene, Total	1				0			2.13	
S 124 1,2-Dichloroethene, Total	1				0			2.53	
S 125 Total BTEX	1				0			5.93	
S 126 Xylenes, Total	1				0			2.31	

Reagents:

8260 CORP mix_00015	Amount Added:	1.00	Units: uL	
GAS CORP mix_00034	Amount Added:	1.00	Units: uL	
T_8260_IS_00079	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00078	Amount Added:	1.00	Units: uL	Run Reagent

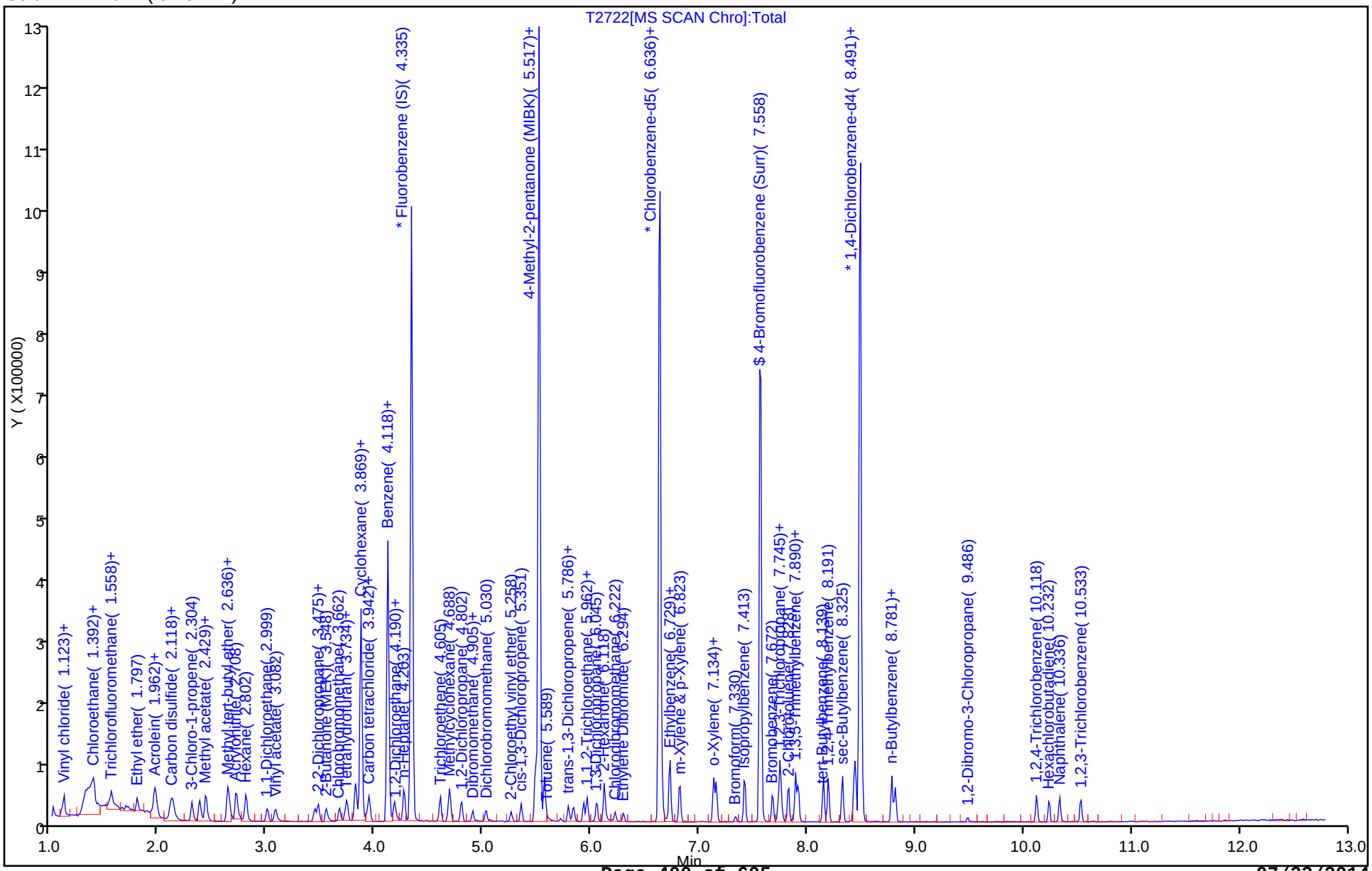
Report Date: 28-Jun-2014 13:52:24 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2722.D

Injection Date:	27-Jun-2014 14:39:30	Instrument ID:	HP5975T	Operator ID:	LH
Lims ID:	IC			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2723.D
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 27-Jun-2014 15:03:30 ALS Bottle#: 34 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0033352-010
Operator ID: LH Instrument ID: HP5975T
Sublist: chrom-T-8260*sub48

Method: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 13:52:27 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: nguyendudziaknq Date: 28-Jun-2014 13:52:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	98	580480	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	85	436180	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	94	222175	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	57	142955	25.0	24.3	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	185482	25.0	25.1	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	92	539827	25.0	24.5	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	91	162900	25.0	25.1	
11 Dichlorodifluoromethane	85	0.905	0.916	-0.011	86	33784	5.00	5.13	
13 Chloromethane	50	1.019	1.030	-0.011	89	44496	5.00	4.92	
14 Vinyl chloride	62	1.102	1.102	0.000	83	34621	5.00	4.46	
151 Butadiene	54	1.123	1.123	0.000	96	39727	5.00	5.07	
15 Bromomethane	94	1.320	1.320	0.000	95	15587	5.00	5.15	
16 Chloroethane	64	1.392	1.392	0.000	92	18773	5.00	4.72	
17 Trichlorofluoromethane	101	1.558	1.558	0.000	77	41970	5.00	4.98	
18 Dichlorofluoromethane	67	1.558	1.569	-0.011	77	41426	5.00	5.05	
19 Ethyl ether	59	1.797	1.797	0.000	95	32714	5.00	4.96	
21 Acrolein	56	1.962	1.962	0.000	94	26840	25.0	23.8	
22 1,1-Dichloroethene	96	1.962	1.973	-0.011	84	27304	5.00	5.12	
20 1,1,2-Trichloro-1,2,2-trif	101	1.973	1.983	-0.010	56	28758	5.00	4.89	
24 Iodomethane	142	2.108	2.108	0.000	97	50109	5.00	4.98	
23 Acetone	43	2.108	2.108	0.000	98	72742	25.0	23.6	
25 Carbon disulfide	76	2.128	2.128	0.000	98	99984	5.00	4.84	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	84	62997	5.00	4.88	
28 Methyl acetate	43	2.377	2.377	0.000	97	165255	25.0	23.1	
30 Methylene Chloride	84	2.439	2.439	0.000	91	38270	5.00	4.92	
33 Methyl tert-butyl ether	73	2.646	2.636	0.010	89	94377	5.00	4.72	
31 2-Methyl-2-propanol	59	2.646	2.636	0.010	44	46975	50.0	47.1	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	88	32415	5.00	4.82	
34 Acrylonitrile	53	2.709	2.709	0.000	99	149032	50.0	45.5	
35 Hexane	57	2.802	2.812	-0.010	94	55890	5.00	4.53	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	3.009	-0.010	86	63189	5.00	4.82	
39 Vinyl acetate	43	3.071	3.071	0.000	98	124359	10.0	8.83	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	88	36884	5.00	4.98	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	68	32594	5.00	4.60	
44 2-Butanone (MEK)	43	3.538	3.538	0.000	99	108994	25.0	24.0	
47 Chlorobromomethane	128	3.672	3.672	0.000	92	16567	5.00	4.63	
48 Tetrahydrofuran	42	3.714	3.703	0.011	91	28347	10.0	9.12	
50 Chloroform	83	3.735	3.745	-0.010	83	55227	5.00	4.78	
52 Cyclohexane	56	3.817	3.817	0.000	96	65728	5.00	4.71	
51 1,1,1-Trichloroethane	97	3.828	3.828	0.000	89	43232	5.00	4.76	
53 Carbon tetrachloride	117	3.931	3.931	0.000	77	33540	5.00	4.54	
54 1,1-Dichloropropene	75	3.942	3.952	-0.010	85	41108	5.00	4.83	
55 Benzene	78	4.118	4.118	0.000	70	125588	5.00	4.87	
56 Isobutyl alcohol	43	4.180	4.180	0.000	87	41750	125.0	99.7	
57 1,2-Dichloroethane	62	4.180	4.180	0.000	89	47686	5.00	4.64	
59 n-Heptane	43	4.263	4.263	0.000	98	67579	5.00	4.77	
60 Trichloroethene	95	4.605	4.605	0.000	90	32551	5.00	4.97	
62 Methylcyclohexane	83	4.688	4.688	0.000	96	56876	5.00	5.01	
63 1,2-Dichloropropane	63	4.792	4.802	-0.010	86	34597	5.00	4.78	
65 Dibromomethane	93	4.906	4.906	0.000	84	20065	5.00	4.65	
66 1,4-Dioxane	88	4.947	4.937	0.010	74	7524	100.0	91.3	
67 Dichlorobromomethane	83	5.030	5.030	0.000	89	31947	5.00	4.33	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	88	20615	5.00	4.51	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	79	42494	5.00	4.26	
72 4-Methyl-2-pentanone (MIBK	43	5.476	5.475	0.001	99	233058	25.0	22.9	
73 Toluene	92	5.569	5.569	0.000	96	77087	5.00	4.78	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	91	35424	5.00	4.36	
77 Ethyl methacrylate	69	5.838	5.838	0.000	92	37607	5.00	4.38	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	88	22017	5.00	4.47	
79 Tetrachloroethene	166	5.963	5.963	0.000	80	30827	5.00	4.63	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	96	50085	5.00	4.76	
81 2-Hexanone	43	6.118	6.118	0.000	99	159235	25.0	22.2	
82 Chlorodibromomethane	129	6.222	6.222	0.000	84	20322	5.00	4.05	
83 Ethylene Dibromide	107	6.294	6.294	0.000	96	27023	5.00	4.48	
86 Chlorobenzene	112	6.657	6.657	0.000	95	85408	5.00	4.79	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	37	22715	5.00	4.34	
88 Ethylbenzene	91	6.729	6.729	0.000	98	146227	5.00	4.72	
90 m-Xylene & p-Xylene	106	6.812	6.823	-0.011	0	57774	5.00	4.76	
91 o-Xylene	106	7.134	7.134	0.000	97	55765	5.00	4.74	
92 Styrene	104	7.154	7.154	0.000	96	95299	5.00	4.66	
93 Bromoform	173	7.331	7.330	0.000	85	10751	5.00	3.92	
95 Isopropylbenzene	105	7.413	7.413	0.000	96	149966	5.00	4.90	
97 Bromobenzene	156	7.672	7.672	0.000	95	35024	5.00	4.79	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	83	36710	5.00	4.65	
99 N-Propylbenzene	91	7.745	7.745	0.000	99	176676	5.00	4.78	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	76	11563	5.00	4.58	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	69	10916	5.00	4.31	
105 2-Chlorotoluene	126	7.828	7.828	0.000	95	33843	5.00	4.71	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	96	125704	5.00	4.89	
102 4-Chlorotoluene	91	7.911	7.911	0.000	99	115965	5.00	4.70	
106 tert-Butylbenzene	134	8.149	8.149	0.000	92	26009	5.00	4.59	
107 1,2,4-Trimethylbenzene	105	8.191	8.191	0.000	97	128851	5.00	4.87	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.000	93	159978	5.00	4.79	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	97	69441	5.00	4.73	
111 4-Isopropyltoluene	119	8.450	8.450	0.000	96	136701	5.00	4.83	
113 1,4-Dichlorobenzene	146	8.502	8.512	-0.010	82	72412	5.00	4.86	
115 n-Butylbenzene	91	8.781	8.781	0.000	97	123802	5.00	4.71	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	94	67757	5.00	4.85	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	54	5259	5.00	4.72	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	93	42923	5.00	4.87	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	87	19378	5.00	4.71	
121 Naphthalene	128	10.336	10.336	0.000	97	111655	5.00	4.69	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.000	91	36751	5.00	4.51	
S 125 Total BTEX	1				0			23.9	
S 126 Xylenes, Total	1				0			9.50	
S 123 1,3-Dichloropropene, Total	1				0			8.62	
S 124 1,2-Dichloroethene, Total	1				0			9.43	

Reagents:

8260 CORP mix_00015	Amount Added:	5.00	Units: uL	
GAS CORP mix_00034	Amount Added:	5.00	Units: uL	
T_8260_IS_00079	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00078	Amount Added:	1.00	Units: uL	Run Reagent

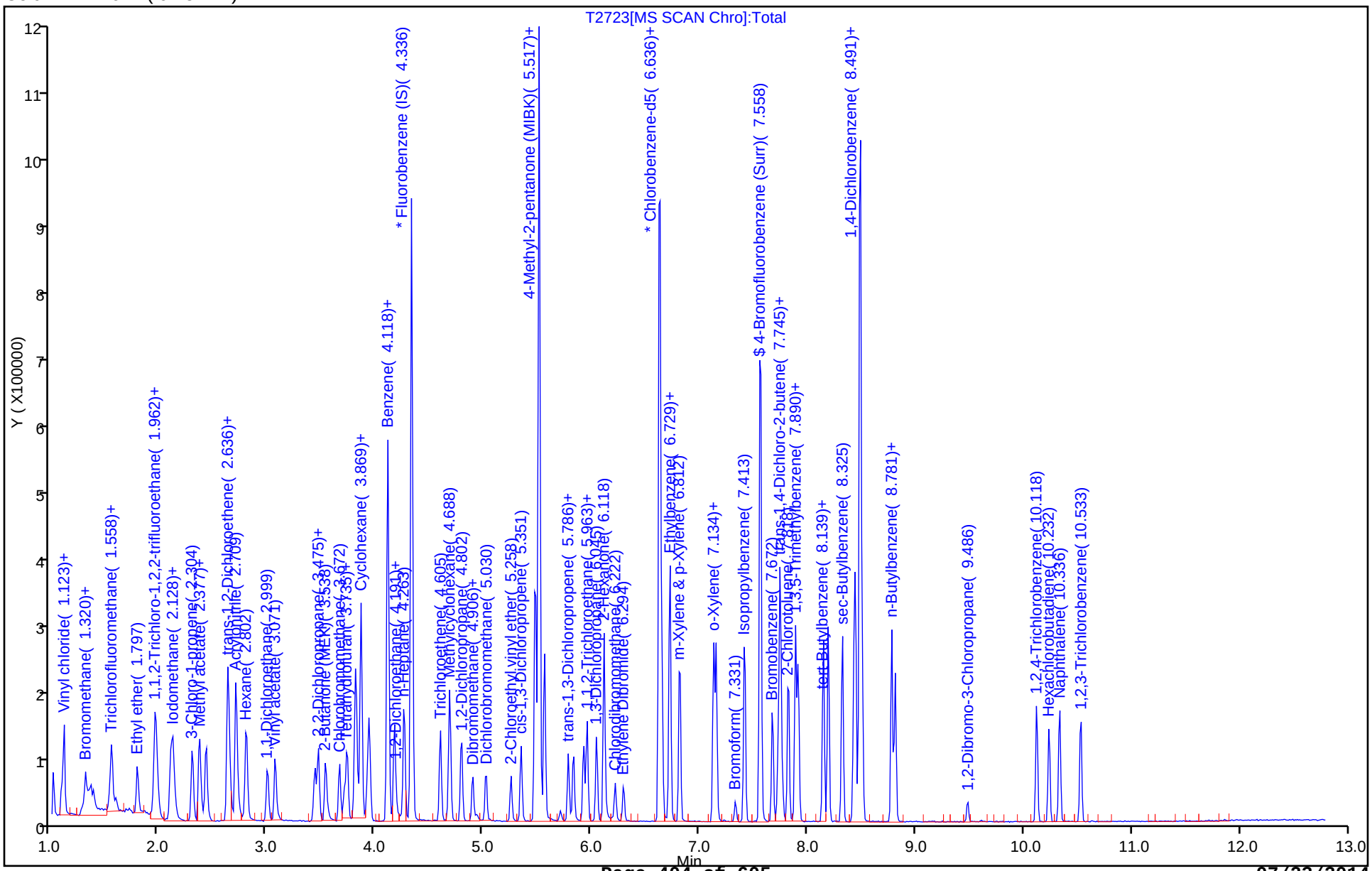
Report Date: 28-Jun-2014 13:52:28 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2723.D

Injection Date:	27-Jun-2014 15:03:30	Instrument ID:	HP5975T	Operator ID:	LH
Lims ID:	IC 2			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2724.D
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Jun-2014 15:27:30 ALS Bottle#: 35 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0033352-011
Operator ID: LH Instrument ID: HP5975T
Sublist: chrom-T-8260*sub48

Method: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 13:52:31 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: nguyendudziaknq Date: 28-Jun-2014 13:52:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	583755	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	86	438774	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	90	222999	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	57	147269	25.0	24.9	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	187818	25.0	25.3	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	92	557328	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	93	158602	25.0	24.3	
11 Dichlorodifluoromethane	85	0.916	0.916	0.000	86	65446	10.0	9.89	
13 Chloromethane	50	1.030	1.030	0.000	89	86388	10.0	9.51	
14 Vinyl chloride	62	1.102	1.102	0.000	84	71731	10.0	9.19	
151 Butadiene	54	1.123	1.123	0.000	93	78480	10.0	9.96	
15 Bromomethane	94	1.320	1.320	0.000	95	29565	10.0	9.72	
16 Chloroethane	64	1.392	1.392	0.000	84	37128	10.0	9.28	
17 Trichlorofluoromethane	101	1.558	1.558	0.000	82	82395	10.0	9.72	
18 Dichlorofluoromethane	67	1.568	1.568	0.000	78	77522	10.0	9.40	
19 Ethyl ether	59	1.796	1.796	0.000	98	66230	10.0	9.99	
21 Acrolein	56	1.962	1.962	0.000	95	52446	50.0	46.2	
22 1,1-Dichloroethene	96	1.962	1.962	0.000	84	50425	10.0	9.40	
20 1,1,2-Trichloro-1,2,2-trif	101	1.973	1.973	0.000	80	57628	10.0	9.75	
23 Acetone	43	2.107	2.107	0.000	98	148444	50.0	47.8	
24 Iodomethane	142	2.107	2.107	0.000	99	100058	10.0	9.89	
25 Carbon disulfide	76	2.128	2.128	0.000	98	199488	10.0	9.60	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	84	121308	10.0	9.34	
28 Methyl acetate	43	2.377	2.377	0.000	97	339490	50.0	47.2	
30 Methylene Chloride	84	2.439	2.439	0.000	89	69756	10.0	9.90	
33 Methyl tert-butyl ether	73	2.646	2.646	0.000	92	201402	10.0	10.0	
31 2-Methyl-2-propanol	59	2.646	2.646	0.000	44	91141	100.0	90.9	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	89	64993	10.0	9.61	
34 Acrylonitrile	53	2.708	2.708	0.000	98	307465	100.0	93.4	
35 Hexane	57	2.812	2.812	0.000	95	115597	10.0	9.33	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.000	86	124023	10.0	9.40	
39 Vinyl acetate	43	3.071	3.071	0.000	97	270443	20.0	19.1	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	87	71047	10.0	9.54	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	69	69022	10.0	9.70	
44 2-Butanone (MEK)	43	3.537	3.537	0.000	98	218224	50.0	47.8	
47 Chlorobromomethane	128	3.672	3.672	0.000	90	33538	10.0	9.32	
48 Tetrahydrofuran	42	3.714	3.714	0.000	92	58603	20.0	18.8	
50 Chloroform	83	3.745	3.745	0.000	84	109284	10.0	9.41	
52 Cyclohexane	56	3.817	3.817	0.000	97	134886	10.0	9.62	
51 1,1,1-Trichloroethane	97	3.828	3.828	0.000	87	84533	10.0	9.26	
53 Carbon tetrachloride	117	3.931	3.931	0.000	80	67005	10.0	9.02	
54 1,1-Dichloropropene	75	3.952	3.952	0.000	87	80685	10.0	9.44	
55 Benzene	78	4.118	4.118	0.000	96	247304	10.0	9.54	
57 1,2-Dichloroethane	62	4.180	4.180	0.000	85	100207	10.0	9.69	
56 Isobutyl alcohol	43	4.180	4.180	0.000	83	95744	250.0	227.4	
59 n-Heptane	43	4.273	4.273	0.000	98	127361	10.0	8.93	
60 Trichloroethene	95	4.605	4.605	0.000	91	64843	10.0	9.85	
62 Methylcyclohexane	83	4.688	4.688	0.000	95	107953	10.0	9.45	
63 1,2-Dichloropropane	63	4.802	4.802	0.000	88	71098	10.0	9.77	
65 Dibromomethane	93	4.905	4.905	0.000	90	41913	10.0	9.67	
66 1,4-Dioxane	88	4.936	4.936	0.000	91	16722	200.0	201.8	
67 Dichlorobromomethane	83	5.030	5.030	0.000	90	70297	10.0	9.48	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	93	45462	10.0	9.89	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	84	93820	10.0	9.35	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	99	484617	50.0	47.4	
73 Toluene	92	5.569	5.569	0.000	97	156735	10.0	9.66	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	92	77120	10.0	9.45	
77 Ethyl methacrylate	69	5.838	5.838	0.000	92	81306	10.0	9.42	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	89	48049	10.0	9.69	
79 Tetrachloroethene	166	5.962	5.962	0.000	87	64111	10.0	9.57	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	97	102654	10.0	9.69	
81 2-Hexanone	43	6.118	6.118	0.000	99	347855	50.0	48.1	
82 Chlorodibromomethane	129	6.221	6.221	0.000	88	43929	10.0	8.70	
83 Ethylene Dibromide	107	6.294	6.294	0.000	98	56832	10.0	9.37	
86 Chlorobenzene	112	6.657	6.657	0.000	93	174986	10.0	9.76	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	39	47538	10.0	9.03	
88 Ethylbenzene	91	6.729	6.729	0.000	98	297415	10.0	9.55	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.000	0	118780	10.0	9.73	
91 o-Xylene	106	7.133	7.133	0.000	98	113543	10.0	9.60	
92 Styrene	104	7.154	7.154	0.000	96	198203	10.0	9.62	
93 Bromoform	173	7.330	7.330	0.000	93	23181	10.0	8.41	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	300495	10.0	9.78	
97 Bromobenzene	156	7.672	7.672	0.000	95	70369	10.0	9.58	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	80	78219	10.0	9.86	
99 N-Propylbenzene	91	7.745	7.745	0.000	99	363434	10.0	9.79	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	82	25065	10.0	9.90	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	71	24128	10.0	9.49	
105 2-Chlorotoluene	126	7.828	7.828	0.000	96	70815	10.0	9.82	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	94	252532	10.0	9.79	
102 4-Chlorotoluene	91	7.911	7.911	0.000	98	247543	10.0	10.0	
106 tert-Butylbenzene	134	8.149	8.149	0.000	93	56432	10.0	9.92	
107 1,2,4-Trimethylbenzene	105	8.190	8.190	0.000	97	256681	10.0	9.66	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.000	94	325094	10.0	9.70	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	96	141330	10.0	9.59	
111 4-Isopropyltoluene	119	8.450	8.450	0.000	97	281717	10.0	9.92	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.000	95	145036	10.0	9.70	
115 n-Butylbenzene	91	8.781	8.781	0.000	98	253025	10.0	9.60	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	94	135680	10.0	9.67	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	64	10082	10.0	9.01	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	93	86161	10.0	9.73	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	91	39971	10.0	9.67	
121 Naphthalene	128	10.336	10.336	0.000	97	237155	10.0	9.93	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.000	93	81567	10.0	9.97	
S 123 1,3-Dichloropropene, Total	1				0			18.8	
S 124 1,2-Dichloroethene, Total	1				0			19.3	
S 125 Total BTEX	1				0			48.1	
S 126 Xylenes, Total	1				0			19.3	

Reagents:

8260 CORP mix_00015	Amount Added:	5.00	Units: uL	
GAS CORP mix_00034	Amount Added:	5.00	Units: uL	
T_8260_IS_00079	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00078	Amount Added:	1.00	Units: uL	Run Reagent

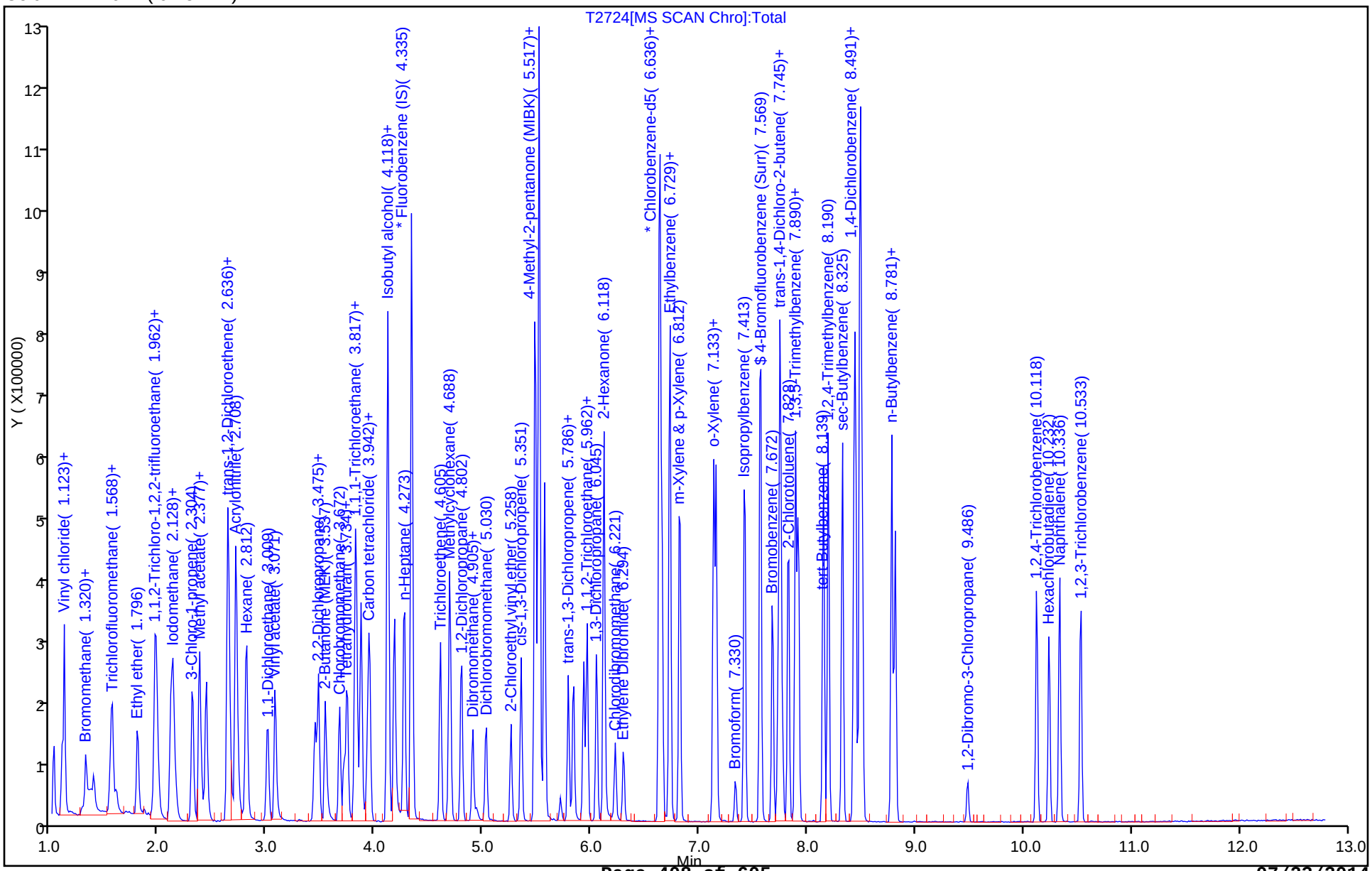
Report Date: 28-Jun-2014 13:52:32 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2724.D

Injection Date:	27-Jun-2014 15:27:30	Instrument ID:	HP5975T	Operator ID:	LH
Lims ID:	IC 3			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2725.D
Lims ID: ICIS 4
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 27-Jun-2014 15:51:30 ALS Bottle#: 36 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 4
Misc. Info.: 480-0033352-012
Operator ID: LH Instrument ID: HP5975T
Sublist: chrom-T-8260*sub48

Method: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 13:52:37 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: nguyendudziaknq Date: 28-Jun-2014 13:52:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.336	0.000	98	601471	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	86	447660	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	95	238937	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	64	153254	25.0	25.2	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	188339	25.0	24.6	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	91	568457	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	92	171812	25.0	25.8	
11 Dichlorodifluoromethane	85	0.916	0.916	0.000	87	167289	25.0	24.5	
13 Chloromethane	50	1.030	1.030	0.000	89	221835	25.0	23.7	
14 Vinyl chloride	62	1.102	1.102	0.000	83	187189	25.0	23.3	
151 Butadiene	54	1.123	1.123	0.000	95	200619	25.0	24.7	
15 Bromomethane	94	1.320	1.320	0.000	94	72340	25.0	23.1	
16 Chloroethane	64	1.392	1.392	0.000	92	95150	25.0	23.1	
17 Trichlorofluoromethane	101	1.558	1.558	0.000	83	217492	25.0	24.9	
18 Dichlorofluoromethane	67	1.569	1.569	0.000	78	195935	25.0	23.1	
19 Ethyl ether	59	1.797	1.797	0.000	95	161048	25.0	23.6	
21 Acrolein	56	1.962	1.962	0.000	99	135942	125.0	116.2	
22 1,1-Dichloroethene	96	1.973	1.973	0.000	84	130082	25.0	23.5	
20 1,1,2-Trichloro-1,2,2-trif	101	1.983	1.983	0.000	81	148236	25.0	24.3	
24 Iodomethane	142	2.108	2.108	0.000	98	254326	25.0	24.4	
23 Acetone	43	2.108	2.108	0.000	98	373562	125.0	116.8	
25 Carbon disulfide	76	2.128	2.128	0.000	99	509688	25.0	23.8	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	85	318708	25.0	23.8	
28 Methyl acetate	43	2.377	2.377	0.000	97	882854	125.0	119.1	
30 Methylene Chloride	84	2.439	2.439	0.000	89	172907	25.0	25.5	
33 Methyl tert-butyl ether	73	2.636	2.636	0.000	91	502117	25.0	24.2	
31 2-Methyl-2-propanol	59	2.636	2.636	0.000	46	263587	250.0	255.2	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	90	164891	25.0	23.7	
34 Acrylonitrile	53	2.709	2.709	0.000	98	805294	250.0	237.4	
35 Hexane	57	2.812	2.812	0.000	95	292229	25.0	22.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.009	3.009	0.000	86	327940	25.0	24.1	
39 Vinyl acetate	43	3.071	3.071	0.000	98	715402	50.0	49.0	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	89	182125	25.0	23.7	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	72	176271	25.0	24.0	
44 2-Butanone (MEK)	43	3.538	3.538	0.000	98	557503	125.0	118.6	
47 Chlorobromomethane	128	3.672	3.672	0.000	91	87343	25.0	23.6	
48 Tetrahydrofuran	42	3.703	3.703	0.000	90	148679	50.0	46.2	
50 Chloroform	83	3.745	3.745	0.000	83	281193	25.0	23.5	
52 Cyclohexane	56	3.817	3.817	0.000	97	345235	25.0	23.9	
51 1,1,1-Trichloroethane	97	3.828	3.828	0.000	88	227055	25.0	24.1	
53 Carbon tetrachloride	117	3.931	3.931	0.000	83	179080	25.0	23.4	
54 1,1-Dichloropropene	75	3.952	3.952	0.000	89	214242	25.0	24.3	
55 Benzene	78	4.118	4.118	0.000	96	625384	25.0	23.4	
56 Isobutyl alcohol	43	4.180	4.180	0.000	91	275118	625.0	634.1	
57 1,2-Dichloroethane	62	4.180	4.180	0.000	89	253786	25.0	23.8	
59 n-Heptane	43	4.263	4.263	0.000	97	338572	25.0	23.0	
60 Trichloroethene	95	4.605	4.605	0.000	90	163066	25.0	24.0	
62 Methylcyclohexane	83	4.688	4.688	0.000	96	283025	25.0	24.0	
63 1,2-Dichloropropane	63	4.802	4.802	0.000	88	179446	25.0	23.9	
65 Dibromomethane	93	4.906	4.906	0.000	87	108811	25.0	24.4	
66 1,4-Dioxane	88	4.937	4.937	0.000	97	43594	500.0	515.6	
67 Dichlorobromomethane	83	5.030	5.030	0.000	91	186378	25.0	24.4	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	92	118361	25.0	25.0	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	85	244649	25.0	23.7	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	99	1267351	125.0	121.5	
73 Toluene	92	5.569	5.569	0.000	97	393664	25.0	23.8	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	94	211441	25.0	25.4	
77 Ethyl methacrylate	69	5.838	5.838	0.000	93	218819	25.0	24.8	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	88	125899	25.0	24.9	
79 Tetrachloroethene	166	5.963	5.963	0.000	85	160403	25.0	23.5	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	96	254119	25.0	23.5	
81 2-Hexanone	43	6.118	6.118	0.000	98	917847	125.0	124.5	
82 Chlorodibromomethane	129	6.222	6.222	0.000	87	124868	25.0	24.2	
83 Ethylene Dibromide	107	6.294	6.294	0.000	99	152192	25.0	24.6	
86 Chlorobenzene	112	6.657	6.657	0.000	94	439149	25.0	24.0	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	39	133901	25.0	24.9	
88 Ethylbenzene	91	6.729	6.729	0.000	98	757640	25.0	23.8	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.000	0	297610	25.0	23.9	
91 o-Xylene	106	7.134	7.134	0.000	98	295406	25.0	24.5	
92 Styrene	104	7.154	7.154	0.000	95	508708	25.0	24.2	
93 Bromoform	173	7.330	7.330	0.000	92	66776	25.0	23.7	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	775575	25.0	23.6	
97 Bromobenzene	156	7.672	7.672	0.000	96	186964	25.0	23.8	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	85	203579	25.0	24.0	
99 N-Propylbenzene	91	7.745	7.745	0.000	98	946354	25.0	23.8	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	83	63368	25.0	23.4	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	76	69541	25.0	25.5	
105 2-Chlorotoluene	126	7.828	7.828	0.000	95	184071	25.0	23.8	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	94	646840	25.0	23.4	
102 4-Chlorotoluene	91	7.911	7.911	0.000	99	627618	25.0	23.7	
106 tert-Butylbenzene	134	8.149	8.149	0.000	93	145875	25.0	23.9	
107 1,2,4-Trimethylbenzene	105	8.191	8.191	0.000	97	683034	25.0	24.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.000	94	852954	25.0	23.8	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	96	374033	25.0	23.7	
111 4-Isopropyltoluene	119	8.450	8.450	0.000	97	731385	25.0	24.0	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.000	94	383290	25.0	23.9	
115 n-Butylbenzene	91	8.781	8.781	0.000	97	683940	25.0	24.2	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	95	363888	25.0	24.2	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	73	30420	25.0	25.4	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	93	234249	25.0	24.7	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	92	104505	25.0	23.6	
121 Naphthalene	128	10.336	10.336	0.000	97	643314	25.0	25.1	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.000	92	218437	25.0	24.9	
S 125 Total BTEX	1				0			119.4	
S 126 Xylenes, Total	1				0			48.4	
S 123 1,3-Dichloropropene, Total	1				0			49.1	
S 124 1,2-Dichloroethene, Total	1				0			47.7	

Reagents:

8260 CORP mix_00015	Amount Added: 12.50	Units: uL	
GAS CORP mix_00034	Amount Added: 12.50	Units: uL	
T_8260_IS_00079	Amount Added: 1.00	Units: uL	Run Reagent
T_8260_Surr_00078	Amount Added: 1.00	Units: uL	Run Reagent

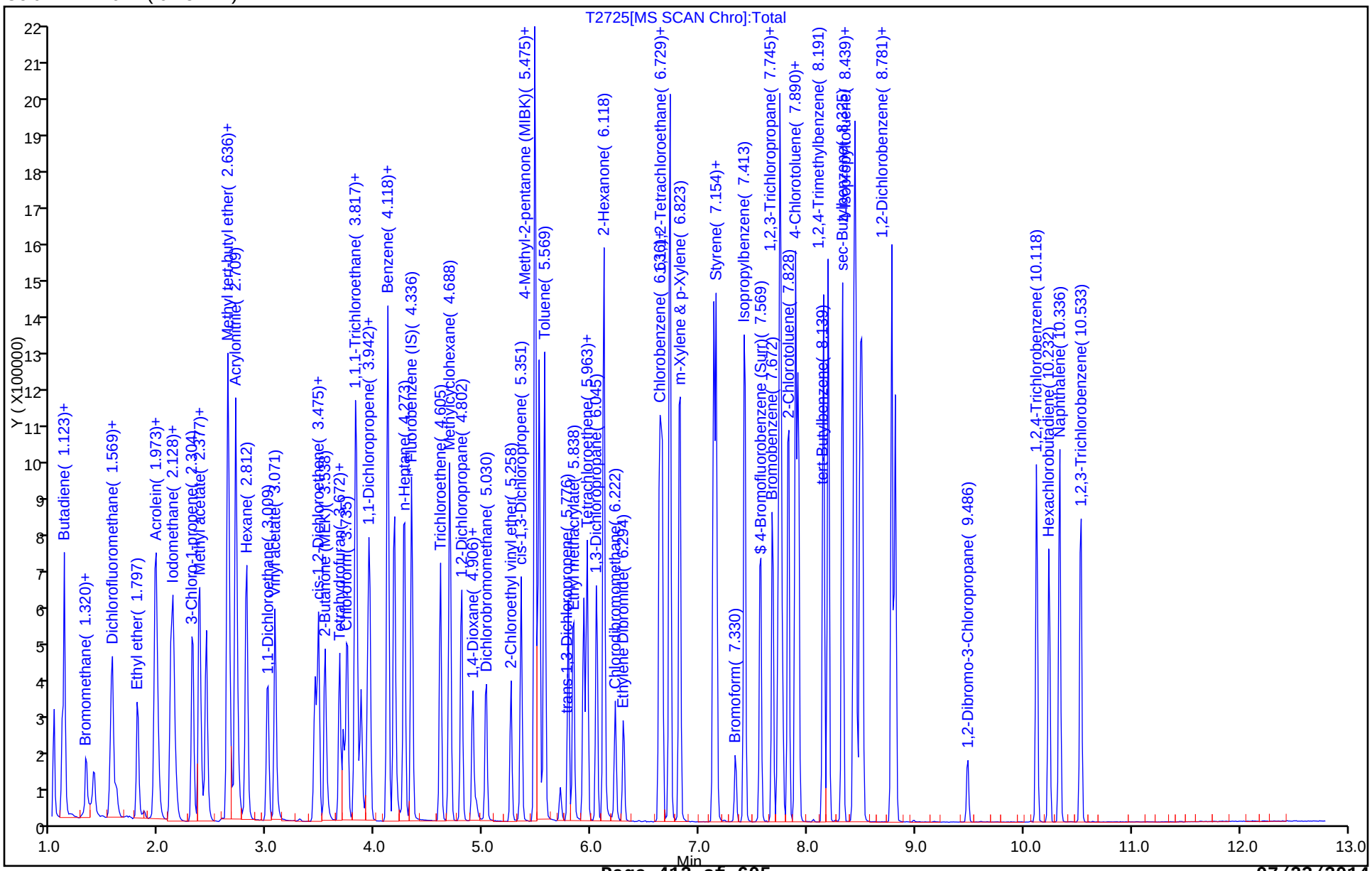
Report Date: 28-Jun-2014 13:52:37 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2725.D

Injection Date:	27-Jun-2014 15:51:30	Instrument ID:	HP5975T	Operator ID:	LH
Lims ID:	ICIS 4			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	36
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2726.D
Lims ID: IC 5
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 27-Jun-2014 16:15:30 ALS Bottle#: 37 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 5
Misc. Info.: 480-0033352-013
Operator ID: LH Instrument ID: HP5975T
Sublist: chrom-T-8260*sub48

Method: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 13:52:41 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: nguyendudziaknq Date: 28-Jun-2014 13:52:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.336	-0.001	98	606426	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	86	461723	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	94	249017	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	56	159783	25.0	26.0	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	196364	25.0	25.4	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	85	568593	25.0	24.4	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	89	171158	25.0	24.9	
11 Dichlorodifluoromethane	85	0.916	0.916	0.000	87	343673	50.0	50.0	
13 Chloromethane	50	1.030	1.030	0.000	89	473645	50.0	50.2	
14 Vinyl chloride	62	1.102	1.102	0.000	83	382247	50.0	47.1	
151 Butadiene	54	1.123	1.123	0.000	94	411705	50.0	50.3	
15 Bromomethane	94	1.320	1.320	0.000	95	145741	50.0	46.1	
16 Chloroethane	64	1.392	1.392	0.000	91	193675	50.0	46.6	
17 Trichlorofluoromethane	101	1.558	1.558	0.000	83	451290	50.0	51.2	
18 Dichlorofluoromethane	67	1.568	1.569	-0.001	78	400042	50.0	46.7	
19 Ethyl ether	59	1.796	1.797	-0.001	97	324818	50.0	47.2	
22 1,1-Dichloroethene	96	1.973	1.973	0.000	84	261537	50.0	46.9	
21 Acrolein	56	1.952	1.962	-0.010	97	268571	250.0	227.8	
20 1,1,2-Trichloro-1,2,2-trif	101	1.973	1.983	-0.010	85	295525	50.0	48.1	
23 Acetone	43	2.107	2.108	-0.001	98	747946	250.0	232.0	
24 Iodomethane	142	2.107	2.108	-0.001	99	505840	50.0	48.1	
25 Carbon disulfide	76	2.128	2.128	0.000	99	1042747	50.0	48.3	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	85	656143	50.0	48.6	
28 Methyl acetate	43	2.366	2.377	-0.011	99	1829984	250.0	244.8	
30 Methylene Chloride	84	2.439	2.439	0.000	91	336823	50.0	50.4	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	91	332051	50.0	47.3	
31 2-Methyl-2-propanol	59	2.636	2.636	0.000	49	540420	500.0	518.9	
33 Methyl tert-butyl ether	73	2.636	2.636	0.000	89	1030157	50.0	49.3	
34 Acrylonitrile	53	2.708	2.709	-0.001	96	1651727	500.0	483.0	
35 Hexane	57	2.812	2.812	0.000	96	603265	50.0	46.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	3.009	-0.010	86	670990	50.0	49.0	
39 Vinyl acetate	43	3.071	3.071	0.000	97	1570753	100.0	106.8	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	89	365588	50.0	47.2	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	70	356081	50.0	48.2	
44 2-Butanone (MEK)	43	3.527	3.538	-0.011	98	1186639	250.0	250.3	
47 Chlorobromomethane	128	3.672	3.672	0.000	90	182042	50.0	48.7	
48 Tetrahydrofuran	42	3.703	3.703	0.000	91	310092	100.0	95.5	
50 Chloroform	83	3.745	3.745	0.000	83	568749	50.0	47.2	
52 Cyclohexane	56	3.817	3.817	0.000	97	732221	50.0	50.3	
51 1,1,1-Trichloroethane	97	3.828	3.828	0.000	93	483354	50.0	51.0	
53 Carbon tetrachloride	117	3.931	3.931	0.000	82	389768	50.0	50.5	
54 1,1-Dichloropropene	75	3.952	3.952	0.000	90	449203	50.0	50.6	
55 Benzene	78	4.118	4.118	0.000	97	1307209	50.0	48.5	
57 1,2-Dichloroethane	62	4.180	4.180	0.000	90	528844	50.0	49.3	
56 Isobutyl alcohol	43	4.170	4.180	-0.010	93	631821	1250.0	1444.4	
59 n-Heptane	43	4.263	4.263	0.000	97	687337	50.0	46.4	
60 Trichloroethene	95	4.605	4.605	0.000	91	333663	50.0	48.8	
62 Methylcyclohexane	83	4.688	4.688	0.000	95	583845	50.0	49.2	
63 1,2-Dichloropropane	63	4.802	4.802	0.000	89	374728	50.0	49.5	
65 Dibromomethane	93	4.905	4.906	-0.001	92	221276	50.0	49.1	
66 1,4-Dioxane	88	4.926	4.937	-0.011	94	86522	1000.0	992.1	
67 Dichlorobromomethane	83	5.030	5.030	0.000	91	402569	50.0	52.3	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	93	245345	50.0	51.4	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	85	506889	50.0	48.6	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	99	2686660	250.0	249.6	
73 Toluene	92	5.569	5.569	0.000	97	819322	50.0	48.0	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	94	449492	50.0	52.3	
77 Ethyl methacrylate	69	5.838	5.838	0.000	93	478229	50.0	52.6	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	89	259596	50.0	49.8	
79 Tetrachloroethene	166	5.962	5.963	-0.001	86	338683	50.0	48.0	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	96	539761	50.0	48.4	
81 2-Hexanone	43	6.118	6.118	0.000	99	1954794	250.0	257.0	
82 Chlorodibromomethane	129	6.221	6.222	-0.001	88	287926	50.0	54.2	
83 Ethylene Dibromide	107	6.294	6.294	0.000	98	318234	50.0	49.9	
86 Chlorobenzene	112	6.657	6.657	0.000	93	914732	50.0	48.5	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	40	289377	50.0	52.2	
88 Ethylbenzene	91	6.729	6.729	0.000	98	1594445	50.0	48.6	
90 m-Xylene & p-Xylene	106	6.812	6.823	-0.011	0	629645	50.0	49.0	
91 o-Xylene	106	7.133	7.134	-0.001	98	605746	50.0	48.7	
92 Styrene	104	7.154	7.154	0.000	95	1088363	50.0	50.2	
93 Bromoform	173	7.330	7.330	0.000	94	157475	50.0	54.3	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	1642054	50.0	47.9	
97 Bromobenzene	156	7.672	7.672	0.000	97	391587	50.0	47.8	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	87	435876	50.0	49.2	
99 N-Propylbenzene	91	7.745	7.745	0.000	98	1977462	50.0	47.7	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	86	137498	50.0	48.6	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	79	161880	50.0	57.0	
105 2-Chlorotoluene	126	7.828	7.828	0.000	95	382415	50.0	47.5	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	94	1381767	50.0	48.0	
102 4-Chlorotoluene	91	7.911	7.911	0.000	99	1353120	50.0	49.0	
106 tert-Butylbenzene	134	8.149	8.149	0.000	90	307396	50.0	48.4	
107 1,2,4-Trimethylbenzene	105	8.190	8.191	-0.001	98	1447326	50.0	48.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.000	95	1811798	50.0	48.4	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	97	789724	50.0	48.0	
111 4-Isopropyltoluene	119	8.450	8.450	0.000	95	1575662	50.0	49.7	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.000	95	805320	50.0	48.2	
115 n-Butylbenzene	91	8.781	8.781	0.000	98	1469164	50.0	49.9	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	95	775633	50.0	49.5	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	77	69489	50.0	55.6	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	93	491828	50.0	49.7	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	92	219772	50.0	47.6	
121 Naphthalene	128	10.336	10.336	0.000	97	1401997	50.0	52.5	
122 1,2,3-Trichlorobenzene	180	10.532	10.533	-0.001	94	470608	50.0	51.5	
S 123 1,3-Dichloropropene, Total	1				0			101.0	
S 124 1,2-Dichloroethene, Total	1				0			95.4	
S 125 Total BTEX	1				0			242.8	
S 126 Xylenes, Total	1				0			97.7	

Reagents:

8260 CORP mix_00015	Amount Added:	25.00	Units: uL	
GAS CORP mix_00034	Amount Added:	25.00	Units: uL	
T_8260_IS_00079	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00078	Amount Added:	1.00	Units: uL	Run Reagent

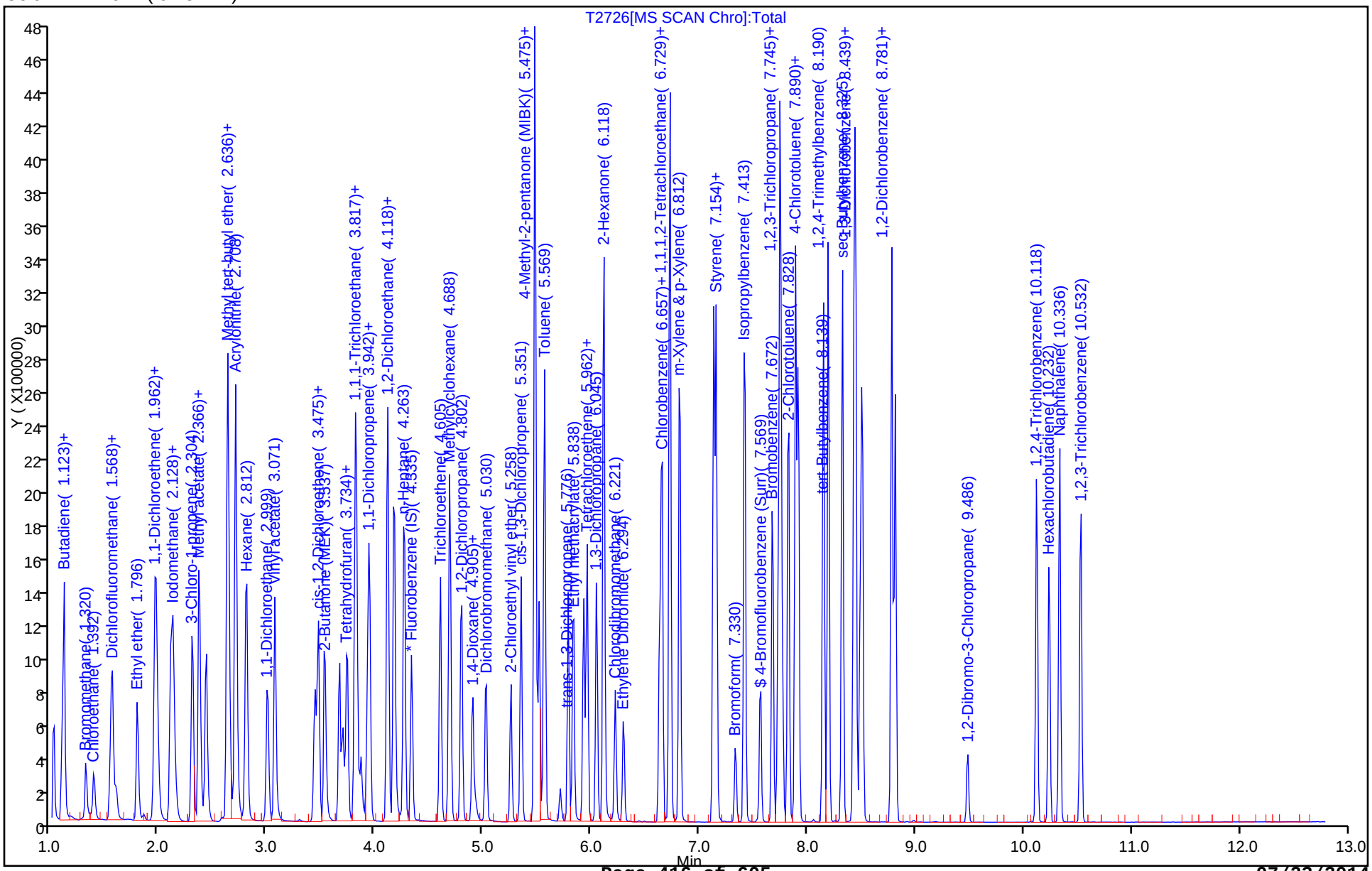
Report Date: 28-Jun-2014 13:52:42 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2726.D

Injection Date:	27-Jun-2014 16:15:30	Instrument ID:	HP5975T	Operator ID:	LH
Lims ID:	IC 5			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2727.D
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 27-Jun-2014 16:39:30 ALS Bottle#: 38 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0033352-014
Operator ID: LH Instrument ID: HP5975T
Sublist: chrom-T-8260*sub48

Method: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 13:52:46 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: nguyendudziaknq Date: 28-Jun-2014 13:52:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.336	-0.001	98	649727	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	86	469803	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	59	260868	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	82	165649	25.0	25.2	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	207766	25.0	25.1	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	91	600391	25.0	25.3	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	89	178793	25.0	25.6	
11 Dichlorodifluoromethane	85	0.916	0.916	0.000	88	686600	100.0	93.2	
13 Chloromethane	50	1.030	1.030	0.000	89	987399	100.0	97.6	
14 Vinyl chloride	62	1.102	1.102	0.000	83	766153	100.0	88.2	
151 Butadiene	54	1.123	1.123	0.000	97	816504	100.0	93.1	
15 Bromomethane	94	1.320	1.320	0.000	94	291558	100.0	86.1	
16 Chloroethane	64	1.403	1.392	0.011	92	410115	100.0	92.1	
17 Trichlorofluoromethane	101	1.568	1.558	0.010	74	918026	100.0	97.3	
18 Dichlorofluoromethane	67	1.568	1.569	-0.001	78	815429	100.0	88.9	
19 Ethyl ether	59	1.796	1.797	-0.001	96	658271	100.0	89.2	
21 Acrolein	56	1.952	1.962	-0.010	98	554303	500.0	438.8	
22 1,1-Dichloroethene	96	1.973	1.973	0.000	83	525025	100.0	87.9	
20 1,1,2-Trichloro-1,2,2-trif	101	1.973	1.983	-0.010	85	595364	100.0	90.5	
23 Acetone	43	2.107	2.108	-0.001	98	1555444	500.0	450.4	
24 Iodomethane	142	2.107	2.108	-0.001	73	1012785	100.0	89.9	
25 Carbon disulfide	76	2.128	2.128	0.000	99	2099152	100.0	90.7	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	85	1354704	100.0	93.7	
28 Methyl acetate	43	2.366	2.377	-0.011	99	3900168	500.0	486.9	
30 Methylene Chloride	84	2.439	2.439	0.000	90	701572	100.0	99.2	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	69	677986	100.0	90.1	
31 2-Methyl-2-propanol	59	2.625	2.636	-0.011	88	1199480	1000.0	1074.9	
33 Methyl tert-butyl ether	73	2.636	2.636	0.000	92	2174946	100.0	97.2	
34 Acrylonitrile	53	2.708	2.709	-0.001	98	3601116	1000.0	982.9	
35 Hexane	57	2.812	2.812	0.000	96	1268338	100.0	91.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	3.009	-0.010	86	1373750	100.0	93.6	
39 Vinyl acetate	43	3.071	3.071	0.000	97	3589485	200.0	227.8	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	90	759402	100.0	91.6	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	71	742416	100.0	93.7	
44 2-Butanone (MEK)	43	3.527	3.538	-0.011	98	2559733	500.0	504.0	
47 Chlorobromomethane	128	3.672	3.672	0.000	90	387034	100.0	96.7	
48 Tetrahydrofuran	42	3.693	3.703	-0.010	92	676325	200.0	194.5	
50 Chloroform	83	3.745	3.745	0.000	83	1197076	100.0	92.7	
52 Cyclohexane	56	3.817	3.817	0.000	97	1534726	100.0	98.3	
51 1,1,1-Trichloroethane	97	3.828	3.828	0.000	89	992165	100.0	97.6	
53 Carbon tetrachloride	117	3.931	3.931	0.000	81	857016	100.0	103.7	
54 1,1-Dichloropropene	75	3.952	3.952	0.000	89	923067	100.0	97.0	
55 Benzene	78	4.118	4.118	0.000	98	2704665	100.0	93.7	
56 Isobutyl alcohol	43	4.170	4.180	-0.010	93	1419192	2500.0	3028.1	
57 1,2-Dichloroethane	62	4.180	4.180	0.000	90	1119699	100.0	97.3	
59 n-Heptane	43	4.273	4.263	0.010	97	1412052	100.0	89.0	
60 Trichloroethene	95	4.605	4.605	0.000	90	706880	100.0	96.5	
62 Methylcyclohexane	83	4.688	4.688	0.000	96	1202690	100.0	94.6	
63 1,2-Dichloropropane	63	4.802	4.802	0.000	88	768745	100.0	94.9	
65 Dibromomethane	93	4.905	4.906	-0.001	92	460837	100.0	95.5	
66 1,4-Dioxane	88	4.926	4.937	-0.011	94	192124	2000.0	2165.1	
67 Dichlorobromomethane	83	5.030	5.030	0.000	91	901899	100.0	109.3	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	92	521249	100.0	101.9	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	86	1115743	100.0	99.9	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	99	5692852	500.0	519.9	
73 Toluene	92	5.569	5.569	0.000	97	1692944	100.0	97.4	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	94	1002321	100.0	114.6	
77 Ethyl methacrylate	69	5.838	5.838	0.000	93	1003725	100.0	108.6	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	89	530997	100.0	100.0	
79 Tetrachloroethene	166	5.962	5.963	-0.001	87	689840	100.0	96.2	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	97	1112006	100.0	98.1	
81 2-Hexanone	43	6.118	6.118	0.000	99	4175243	500.0	539.6	
82 Chlorodibromomethane	129	6.221	6.222	-0.001	88	642871	100.0	118.9	
83 Ethylene Dibromide	107	6.294	6.294	0.000	98	677052	100.0	104.3	
86 Chlorobenzene	112	6.657	6.657	0.000	93	1892111	100.0	98.5	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	40	645270	100.0	114.4	
88 Ethylbenzene	91	6.729	6.729	0.000	98	3294118	100.0	98.7	
90 m-Xylene & p-Xylene	106	6.823	6.823	0.000	0	1281317	100.0	98.0	
91 o-Xylene	106	7.133	7.134	-0.001	98	1244714	100.0	98.3	
92 Styrene	104	7.154	7.154	0.000	95	2205286	100.0	100.0	
93 Bromoform	173	7.330	7.330	0.000	94	371065	100.0	125.7	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	3353619	100.0	93.3	
97 Bromobenzene	156	7.672	7.672	0.000	97	801058	100.0	93.2	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	80	904798	100.0	97.5	
99 N-Propylbenzene	91	7.745	7.745	0.000	98	3979940	100.0	91.7	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	82	281260	100.0	95.0	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	79	360650	100.0	121.2	
105 2-Chlorotoluene	126	7.828	7.828	0.000	95	773118	100.0	91.7	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	94	2806392	100.0	93.0	
102 4-Chlorotoluene	91	7.911	7.911	0.000	99	2754745	100.0	95.2	
106 tert-Butylbenzene	134	8.149	8.149	0.000	94	616620	100.0	92.6	
107 1,2,4-Trimethylbenzene	105	8.190	8.191	-0.001	98	2949822	100.0	94.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.000	95	3686484	100.0	94.0	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	96	1588003	100.0	92.1	
111 4-Isopropyltoluene	119	8.450	8.450	0.000	97	3180361	100.0	95.7	
113 1,4-Dichlorobenzene	146	8.512	8.512	0.000	94	1653314	100.0	94.5	
115 n-Butylbenzene	91	8.781	8.781	0.000	98	2925600	100.0	94.9	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	94	1554845	100.0	94.7	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	79	154663	100.0	118.1	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	93	987310	100.0	95.3	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	93	441605	100.0	91.3	
121 Naphthalene	128	10.336	10.336	0.000	97	2791786	100.0	99.9	
122 1,2,3-Trichlorobenzene	180	10.532	10.533	-0.001	92	905428	100.0	94.6	
S 125 Total BTEX	1				0			486.2	
S 126 Xylenes, Total	1				0			196.3	
S 123 1,3-Dichloropropene, Total	1				0			214.6	
S 124 1,2-Dichloroethene, Total	1				0			183.8	

Reagents:

8260 CORP mix_00015	Amount Added:	50.00	Units: uL	
GAS CORP mix_00034	Amount Added:	50.00	Units: uL	
T_8260_IS_00079	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00078	Amount Added:	1.00	Units: uL	Run Reagent

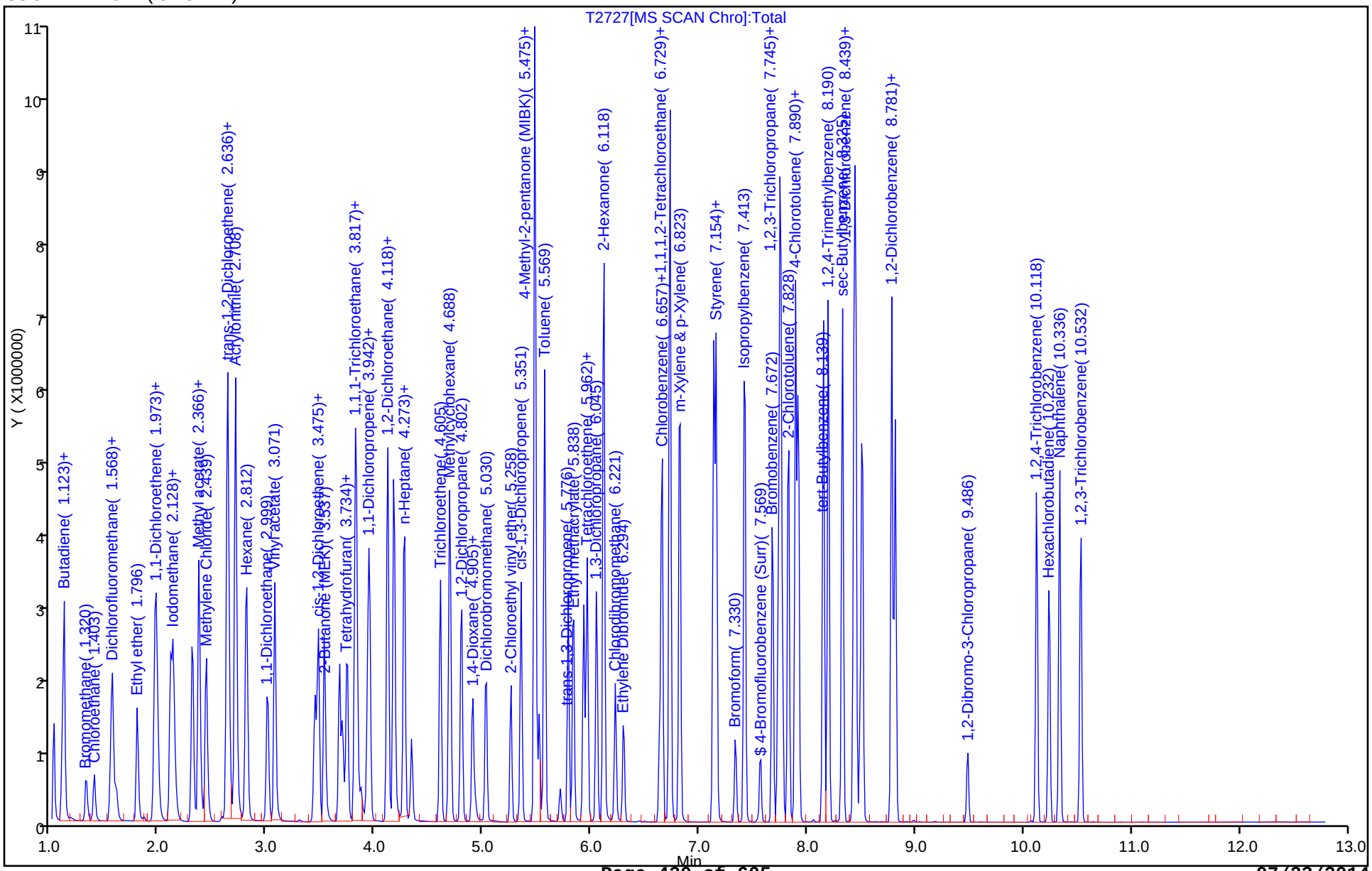
Report Date: 28-Jun-2014 13:52:46 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2727.D

Injection Date:	27-Jun-2014 16:39:30	Instrument ID:	HP5975T	Operator ID:	LH
Lims ID:	IC 6			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-190420/3 Calibration Date: 06/28/2014 10:11

Instrument ID: HP5973F Calib Start Date: 06/23/2014 00:33

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/23/2014 03:08

Lab File ID: F9558.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	2.165	2.111	0.1000	48.8	50.0	-2.5	20.0
Chloromethane	Ave	0.999	1.220	0.1000	61.0	50.0	22.1*	20.0
Vinyl chloride	Ave	0.7730	0.997	0.1000	64.5	50.0	29.0*	20.0
Butadiene	Ave	0.7129	0.8996		63.1	50.0	26.2*	20.0
Bromomethane	Ave	0.5366	0.6461	0.1000	60.2	50.0	20.4*	20.0
Chloroethane	Ave	0.4032	0.4794	0.1000	59.5	50.0	18.9	20.0
Dichlorofluoromethane	Ave	1.227	1.360		55.4	50.0	10.8	20.0
Trichlorofluoromethane	Ave	1.365	1.439	0.1000	52.7	50.0	5.4	20.0
Ethyl ether	Ave	0.7191	0.7367		51.2	50.0	2.5	20.0
Acrolein	Ave	0.1220	0.1459		299	250	19.6	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	1.136	1.242	0.1000	54.7	50.0	9.3	20.0
1,1-Dichloroethene	Ave	1.073	1.257	0.1000	58.6	50.0	17.2	20.0
Acetone	Ave	0.3805	0.4283	0.1000	281	250	12.6	20.0
Iodomethane	Ave	2.195	2.638		60.1	50.0	20.2*	20.0
Carbon disulfide	Ave	3.561	4.178	0.1000	58.7	50.0	17.3	20.0
Methyl acetate	Ave	0.9708	1.091	0.1000	281	250	12.3	20.0
Allyl chloride	Ave	1.899	2.137		56.3	50.0	12.5	20.0
Methylene Chloride	Qua		1.652	0.1000	49.0	50.0	-2.0	20.0
2-Methyl-2-propanol	Ave	0.1654	0.1948		589	500	17.8	20.0
Methyl tert-butyl ether	Ave	4.526	4.771	0.1000	52.7	50.0	5.4	20.0
trans-1,2-Dichloroethene	Ave	1.664	1.701	0.1000	51.1	50.0	2.2	20.0
Acrylonitrile	Ave	0.6169	0.6064		492	500	-1.7	20.0
Hexane	Ave	3.138	2.617		41.7	50.0	-16.6	20.0
Vinyl acetate	Ave	2.820	2.813		99.7	100	-0.3	20.0
1,1-Dichloroethane	Ave	2.912	2.808	0.2000	48.2	50.0	-3.6	20.0
2,2-Dichloropropane	Ave	2.308	2.362		51.2	50.0	2.3	20.0
2-Butanone (MEK)	Ave	0.8314	0.8026	0.1000	241	250	-3.5	20.0
cis-1,2-Dichloroethene	Ave	1.921	1.890	0.1000	49.2	50.0	-1.6	20.0
Chlorobromomethane	Ave	0.9660	0.9700		50.2	50.0	0.4	20.0
Tetrahydrofuran	Ave	0.5444	0.5127		94.2	100	-5.8	20.0
Chloroform	Ave	2.995	2.918	0.2000	48.7	50.0	-2.6	20.0
1,1,1-Trichloroethane	Ave	2.505	2.511	0.1000	50.1	50.0	0.2	20.0
Cyclohexane	Ave	3.127	2.923	0.1000	46.7	50.0	-6.5	20.0
1,1-Dichloropropene	Ave	2.245	2.139		47.6	50.0	-4.7	20.0
Carbon tetrachloride	Ave	2.290	2.304	0.1000	50.3	50.0	0.6	20.0
Isobutyl alcohol	Ave	0.0874	0.0815		1170	1250	-6.7	20.0
Benzene	Ave	7.000	6.712	0.5000	47.9	50.0	-4.1	20.0
1,2-Dichloroethane	Ave	2.221	2.127	0.1000	47.9	50.0	-4.3	20.0
n-Heptane	Ave	2.900	2.648		45.7	50.0	-8.7	20.0
Trichloroethene	Ave	1.808	1.760	0.2000	48.7	50.0	-2.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-190420/3 Calibration Date: 06/28/2014 10:11

Instrument ID: HP5973F Calib Start Date: 06/23/2014 00:33

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/23/2014 03:08

Lab File ID: F9558.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
Methylcyclohexane	Ave	3.209	3.175	0.1000	49.5	50.0	-1.1	20.0
1,2-Dichloropropane	Ave	1.605	1.546	0.1000	48.1	50.0	-3.7	20.0
1,4-Dioxane	Lin1		0.0083		1060	1000	5.6	20.0
Dibromomethane	Ave	0.9639	0.999	0.1000	51.8	50.0	3.6	20.0
Bromodichloromethane	Ave	2.065	2.155	0.2000	52.2	50.0	4.3	20.0
2-Chloroethyl vinyl ether	Ave	0.998	1.026		51.4	50.0	2.9	20.0
cis-1,3-Dichloropropene	Ave	2.472	2.607	0.2000	52.7	50.0	5.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7012	0.6826	0.1000	243	250	-2.6	20.0
Toluene	Ave	1.956	1.838	0.4000	47.0	50.0	-6.0	20.0
Ethyl methacrylate	Ave	0.8537	0.8543		50.0	50.0	0.0	20.0
trans-1,3-Dichloropropene	Ave	0.9144	0.9221	0.1000	50.4	50.0	0.8	20.0
1,1,2-Trichloroethane	Ave	0.5183	0.4865	0.1000	46.9	50.0	-6.1	20.0
Tetrachloroethene	Ave	0.9103	0.8838	0.2000	48.5	50.0	-2.9	20.0
1,3-Dichloropropane	Ave	1.060	0.9753		46.0	50.0	-8.0	20.0
2-Hexanone	Ave	0.4988	0.4747	0.1000	238	250	-4.8	20.0
Dibromochloromethane	Ave	0.6780	0.7143	0.1000	52.7	50.0	5.4	20.0
1,2-Dibromoethane	Ave	0.6612	0.6491		49.1	50.0	-1.8	20.0
Chlorobenzene	Ave	2.149	2.036	0.5000	47.4	50.0	-5.3	20.0
Ethylbenzene	Ave	3.533	3.416	0.1000	48.3	50.0	-3.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.7086	0.7162		50.5	50.0	1.1	20.0
m,p-Xylene	Ave	1.433	1.412	0.1000	49.3	50.0	-1.5	20.0
o-Xylene	Ave	1.348	1.321	0.3000	49.0	50.0	-2.0	20.0
Styrene	Ave	2.265	2.270	0.3000	50.1	50.0	0.2	20.0
Bromoform	Ave	0.4474	0.4991	0.1000	55.8	50.0	11.6	20.0
Isopropylbenzene	Ave	3.294	3.326	0.1000	50.5	50.0	1.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7336	0.7464	0.3000	50.9	50.0	1.7	20.0
Bromobenzene	Ave	0.8758	0.8861		50.6	50.0	1.2	20.0
N-Propylbenzene	Ave	3.731	3.720		49.8	50.0	-0.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2279	0.2331		51.1	50.0	2.3	20.0
1,2,3-Trichloropropane	Ave	0.2466	0.2521		51.1	50.0	2.2	20.0
2-Chlorotoluene	Ave	0.7983	0.8077		50.6	50.0	1.2	20.0
1,3,5-Trimethylbenzene	Ave	2.748	2.776		50.5	50.0	1.0	20.0
4-Chlorotoluene	Ave	0.8403	0.8225		48.9	50.0	-2.1	20.0
tert-Butylbenzene	Ave	0.6193	0.5980		48.3	50.0	-3.4	20.0
1,2,4-Trimethylbenzene	Ave	2.800	2.830		50.5	50.0	1.1	20.0
sec-Butylbenzene	Ave	3.591	3.456		48.1	50.0	-3.8	20.0
4-Isopropyltoluene	Ave	3.143	3.044		48.4	50.0	-3.2	20.0
1,3-Dichlorobenzene	Ave	1.683	1.619	0.6000	48.1	50.0	-3.8	20.0
1,4-Dichlorobenzene	Ave	1.687	1.661	0.5000	49.2	50.0	-1.6	20.0
n-Butylbenzene	Ave	2.689	2.609		48.5	50.0	-3.0	20.0
1,2-Dichlorobenzene	Ave	1.553	1.569	0.4000	50.5	50.0	1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-190420/3 Calibration Date: 06/28/2014 10:11

Instrument ID: HP5973F Calib Start Date: 06/23/2014 00:33

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/23/2014 03:08

Lab File ID: F9558.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1320	0.1293	0.0500	49.0	50.0	-2.1	20.0
1,2,4-Trichlorobenzene	Ave	1.095	1.136	0.2000	51.9	50.0	3.8	20.0
Hexachlorobutadiene	Ave	0.6738	0.6899		51.2	50.0	2.4	20.0
Naphthalene	Ave	2.553	2.753		53.9	50.0	7.8	20.0
1,2,3-Trichlorobenzene	Ave	1.020	1.065		52.2	50.0	4.4	20.0
Dibromofluoromethane (Surr)	Ave	1.319	1.343		50.9	50.0	1.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.7486	0.7526		50.3	50.0	0.5	20.0
Toluene-d8 (Surr)	Ave	2.212	2.242		50.7	50.0	1.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7427	0.7859		52.9	50.0	5.8	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9558.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Jun-2014 10:11:30 ALS Bottle#: 24 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0033377-003 =480-0033377-003
Operator ID: RAS Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 10:09:47 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: sobolr Date: 28-Jun-2014 10:09:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.468	0.000	99	66623	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	82	158327	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	75	167138	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.939	0.000	70	89497	50.0	50.9	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.225	5.225	0.000	0	50141	50.0	50.3	
$ 5 Toluene-d8 (Surr)	98	6.849	6.849	0.000	90	354920	50.0	50.7	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	94	124422	50.0	52.9	
10 Dichlorodifluoromethane	85	1.946	1.946	0.000	86	140659	50.0	48.8	
12 Chloromethane	50	2.104	2.104	0.000	88	81274	50.0	61.0	
13 Vinyl chloride	62	2.220	2.220	0.000	83	66442	50.0	64.5	
151 Butadiene	54	2.226	2.226	0.000	93	59936	50.0	63.1	
14 Bromomethane	94	2.512	2.512	0.000	86	43043	50.0	60.2	
15 Chloroethane	64	2.573	2.573	0.000	87	31941	50.0	59.5	
16 Dichlorofluoromethane	67	2.755	2.755	0.000	78	90580	50.0	55.4	
17 Trichlorofluoromethane	101	2.804	2.804	0.000	81	95876	50.0	52.7	
18 Ethyl ether	59	2.968	2.968	0.000	87	49084	50.0	51.2	
20 Acrolein	56	3.126	3.126	0.000	88	48603	250.0	299.0	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.169	0.000	79	82766	50.0	54.7	
22 1,1-Dichloroethene	96	3.199	3.199	0.000	84	83770	50.0	58.6	
23 Acetone	43	3.242	3.242	0.000	98	142662	250.0	281.4	
25 Iodomethane	142	3.351	3.351	0.000	96	175768	50.0	60.1	
26 Carbon disulfide	76	3.406	3.406	0.000	98	278340	50.0	58.7	M
27 Methyl acetate	43	3.461	3.461	0.000	95	363295	250.0	280.8	
28 3-Chloro-1-propene	41	3.467	3.467	0.000	87	142352	50.0	56.3	
30 Methylene Chloride	84	3.582	3.582	0.000	79	110043	50.0	49.0	
31 2-Methyl-2-propanol	59	3.631	3.631	0.000	97	129761	500.0	588.8	
32 Methyl tert-butyl ether	73	3.728	3.728	0.000	85	317834	50.0	52.7	
34 trans-1,2-Dichloroethene	96	3.771	3.771	0.000	94	113311	50.0	51.1	
33 Acrylonitrile	53	3.783	3.783	0.000	100	403993	500.0	491.5	
35 Hexane	57	3.905	3.905	0.000	89	174354	50.0	41.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.087	4.087	0.000	97	374856	100.0	99.7	
39 1,1-Dichloroethane	63	4.106	4.106	0.000	82	187087	50.0	48.2	
44 2,2-Dichloropropane	77	4.550	4.550	0.000	59	157387	50.0	51.2	
43 2-Butanone (MEK)	43	4.550	4.550	0.000	99	267346	250.0	241.3	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	68	125889	50.0	49.2	
48 Chlorobromomethane	128	4.769	4.769	0.000	84	64623	50.0	50.2	
49 Tetrahydrofuran	42	4.781	4.781	0.000	85	68309	100.0	94.2	
50 Chloroform	83	4.799	4.799	0.000	80	194408	50.0	48.7	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	90	167261	50.0	50.1	
52 Cyclohexane	56	4.976	4.976	0.000	87	194717	50.0	46.7	
54 1,1-Dichloropropene	75	5.067	5.067	0.000	94	142476	50.0	47.6	
55 Carbon tetrachloride	117	5.079	5.079	0.000	80	153528	50.0	50.3	
53 Isobutyl alcohol	43	5.128	5.128	0.000	93	135795	1250.0	1166.5	
57 Benzene	78	5.255	5.255	0.000	96	447154	50.0	47.9	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	76	141680	50.0	47.9	
59 n-Heptane	43	5.341	5.341	0.000	89	176442	50.0	45.7	
62 Trichloroethene	95	5.779	5.779	0.000	92	117281	50.0	48.7	
64 Methylcyclohexane	83	5.912	5.912	0.000	86	211543	50.0	49.5	
65 1,2-Dichloropropane	63	5.998	5.998	0.000	92	103001	50.0	48.1	
66 1,4-Dioxane	88	6.101	6.101	0.000	71	26136	1000.0	1055.6	
67 Dibromomethane	93	6.131	6.131	0.000	86	66540	50.0	51.8	
68 Dichlorobromomethane	83	6.241	6.241	0.000	93	143544	50.0	52.2	
69 2-Chloroethyl vinyl ether	63	6.448	6.448	0.000	87	68379	50.0	51.4	
72 cis-1,3-Dichloropropene	75	6.618	6.618	0.000	86	173704	50.0	52.7	
73 4-Methyl-2-pentanone (MIBK	43	6.722	6.722	0.000	94	540402	250.0	243.4	
74 Toluene	92	6.916	6.916	0.000	97	291028	50.0	47.0	
75 Ethyl methacrylate	69	7.135	7.135	0.000	86	135253	50.0	50.0	
77 trans-1,3-Dichloropropene	75	7.135	7.135	0.000	91	145993	50.0	50.4	
79 1,1,2-Trichloroethane	83	7.336	7.336	0.000	83	77033	50.0	46.9	
81 Tetrachloroethene	166	7.439	7.439	0.000	91	139932	50.0	48.5	
82 1,3-Dichloropropane	76	7.500	7.500	0.000	93	154414	50.0	46.0	
80 2-Hexanone	43	7.512	7.512	0.000	94	375751	250.0	237.9	
83 Chlorodibromomethane	129	7.744	7.744	0.000	87	113095	50.0	52.7	
84 Ethylene Dibromide	107	7.877	7.877	0.000	98	102770	50.0	49.1	
87 Chlorobenzene	112	8.328	8.328	0.000	93	322279	50.0	47.4	
88 Ethylbenzene	91	8.388	8.388	0.000	97	540774	50.0	48.3	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	88	113396	50.0	50.5	
90 m-Xylene & p-Xylene	106	8.504	8.504	0.000	0	223571	50.0	49.3	
91 o-Xylene	106	8.942	8.942	0.000	93	209171	50.0	49.0	
92 Styrene	104	8.960	8.960	0.000	95	359480	50.0	50.1	
95 Bromoform	173	9.234	9.234	0.000	99	79023	50.0	55.8	
94 Isopropylbenzene	105	9.301	9.301	0.000	95	555880	50.0	50.5	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	86	124748	50.0	50.9	
101 Bromobenzene	156	9.684	9.684	0.000	87	148099	50.0	50.6	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	34	38959	50.0	51.1	
99 N-Propylbenzene	91	9.721	9.721	0.000	98	621751	50.0	49.8	
100 1,2,3-Trichloropropane	110	9.727	9.727	0.000	76	42143	50.0	51.1	
103 2-Chlorotoluene	126	9.849	9.849	0.000	97	134996	50.0	50.6	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	92	463904	50.0	50.5	
105 4-Chlorotoluene	126	9.952	9.952	0.000	97	137477	50.0	48.9	
106 tert-Butylbenzene	134	10.207	10.207	0.000	87	99941	50.0	48.3	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	472943	50.0	50.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	93	577647	50.0	48.1	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	96	508714	50.0	48.4	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	95	270621	50.0	48.1	
113 1,4-Dichlorobenzene	146	10.646	10.646	0.000	96	277619	50.0	49.2	
115 n-Butylbenzene	91	10.901	10.901	0.000	93	436114	50.0	48.5	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	98	262275	50.0	50.5	
117 1,2-Dibromo-3-Chloropropan	75	11.668	11.668	0.000	73	21617	50.0	49.0	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	91	189937	50.0	51.9	
120 Hexachlorobutadiene	225	12.404	12.404	0.000	91	115308	50.0	51.2	
121 Naphthalene	128	12.544	12.544	0.000	96	460169	50.0	53.9	
122 1,2,3-Trichlorobenzene	180	12.757	12.757	0.000	94	178035	50.0	52.2	
S 125 1,2-Dichloroethene, Total	1				0			100.3	
S 126 1,3-Dichloropropene, Total	1				0			103.2	
S 123 Total BTEX	1				0			241.5	
S 124 Xylenes, Total	1				0			98.3	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00015	Amount Added:	25.00	Units: uL	
GAS CORP mix_00034	Amount Added:	25.00	Units: uL	
F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00242	Amount Added:	1.00	Units: uL	Run Reagent

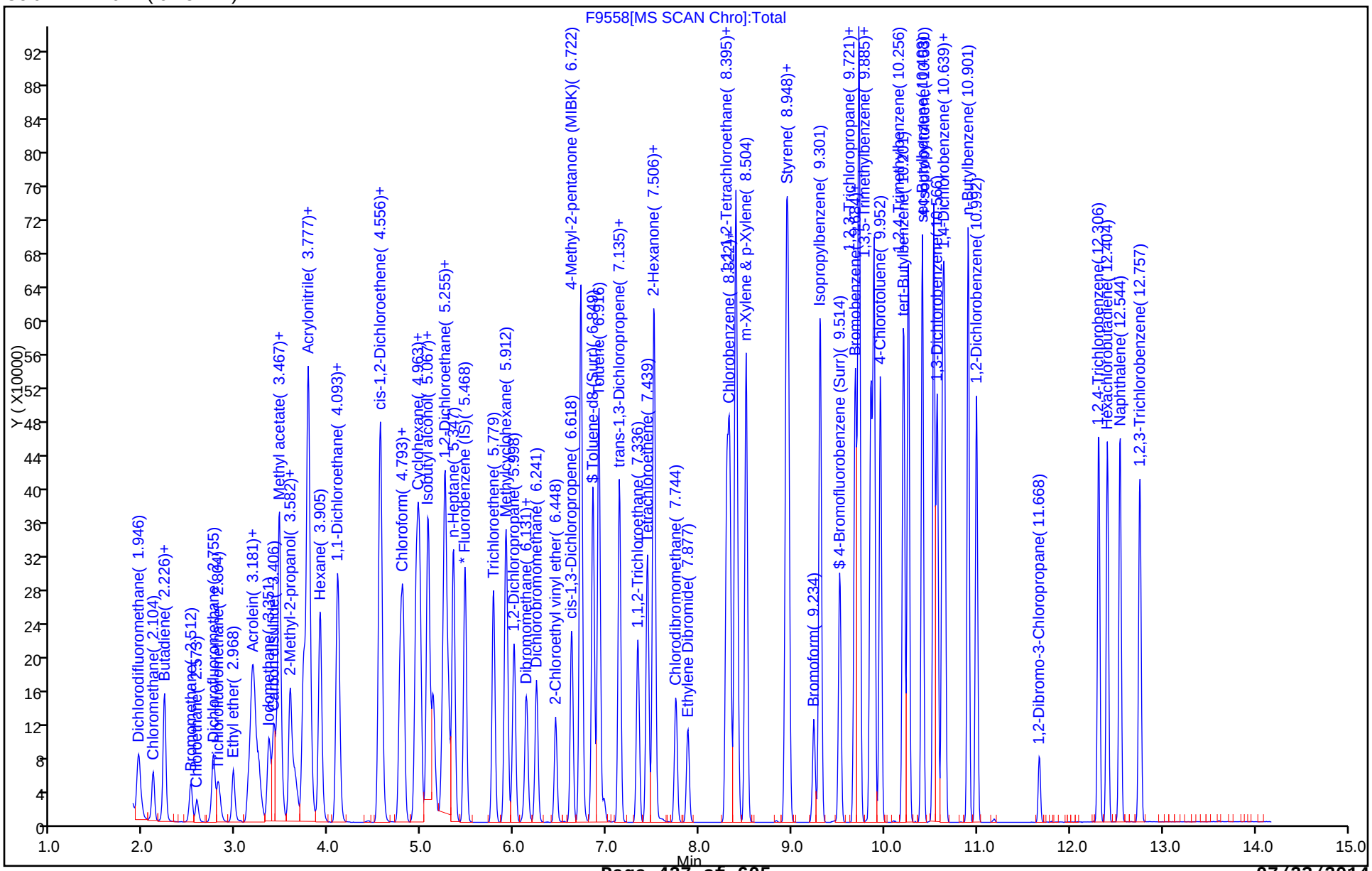
Report Date: 28-Jun-2014 10:09:48 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9558.D

Injection Date:	28-Jun-2014 10:11:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

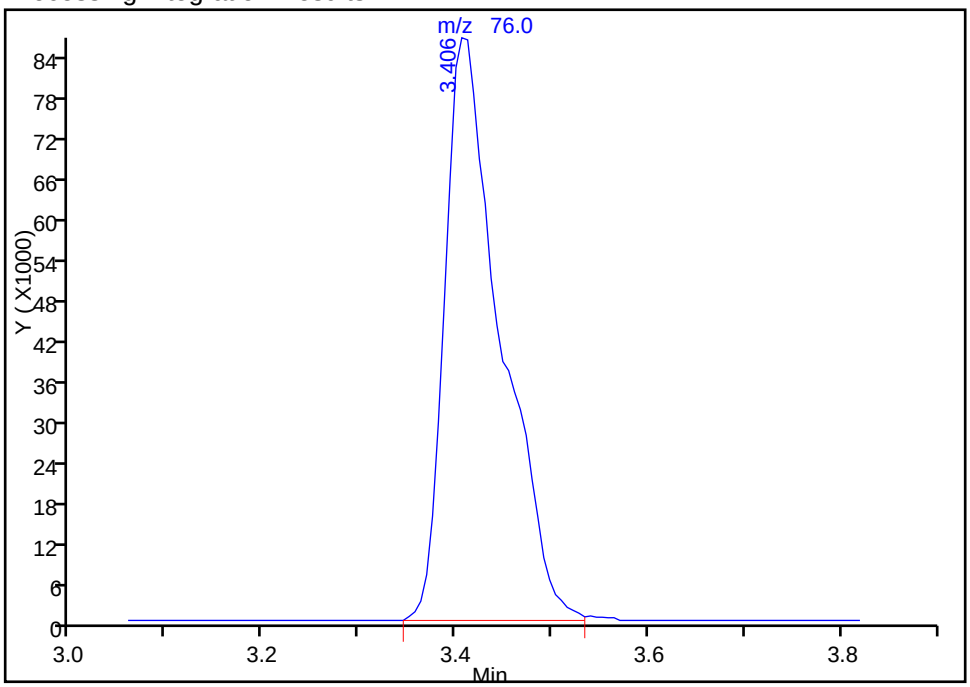
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9558.D
Injection Date: 28-Jun-2014 10:11:30 Instrument ID: HP5973F
Lims ID: CCVIS
Client ID:
Operator ID: RAS ALS Bottle#: 24 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

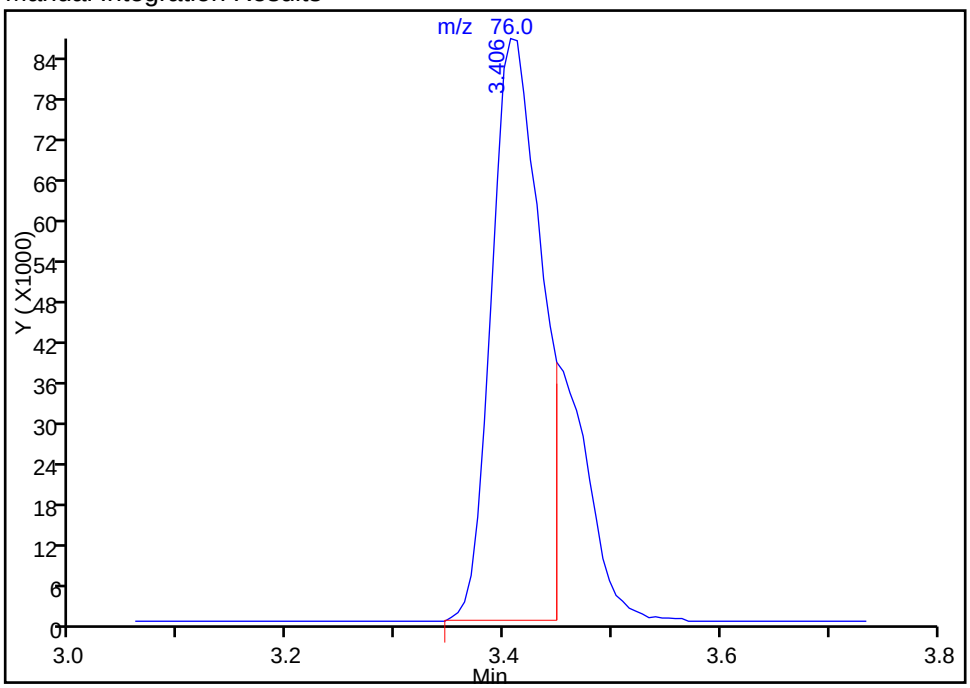
Processing Integration Results

RT: 3.41
Response: 349753
Amount: 73.721455



Manual Integration Results

RT: 3.41
Response: 278340
Amount: 58.668917



Reviewer: sobolr, 28-Jun-2014 10:09:47
Audit Action: Manually Integrated
Audit Reason: Coelution

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191487/3 Calibration Date: 07/07/2014 21:54

Instrument ID: HP5973F Calib Start Date: 07/02/2014 17:44

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/02/2014 20:18

Lab File ID: F9726.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	1.801	1.854	0.1000	51.5	50.0	3.0	20.0
Chloromethane	Ave	1.442	1.520	0.1000	52.7	50.0	5.4	20.0
Vinyl chloride	Ave	1.388	1.575	0.1000	56.7	50.0	13.4	20.0
Butadiene	Ave	1.249	1.399		56.0	50.0	12.0	20.0
Bromomethane	Ave	0.7889	0.8116	0.1000	51.4	50.0	2.9	20.0
Chloroethane	Ave	0.7036	0.7347	0.1000	52.2	50.0	4.4	20.0
Dichlorofluoromethane	Ave	1.903	2.057		54.0	50.0	8.1	20.0
Trichlorofluoromethane	Ave	1.668	1.965	0.1000	58.9	50.0	17.8	20.0
Ethyl ether	Ave	1.143	1.083		47.4	50.0	-5.2	20.0
Acrolein	Ave	0.1829	0.1819		249	250	-0.5	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	1.356	1.539	0.1000	56.7	50.0	13.5	20.0
1,1-Dichloroethene	Ave	1.303	1.380	0.1000	53.0	50.0	5.9	20.0
Acetone	Ave	0.4885	0.4900	0.1000	251	250	0.3	20.0
Iodomethane	Ave	2.383	2.553		53.6	50.0	7.1	20.0
Carbon disulfide	Ave	4.933	5.359	0.1000	54.3	50.0	8.6	20.0
Allyl chloride	Ave	2.365	2.350		49.7	50.0	-0.6	20.0
Methyl acetate	Ave	1.179	1.177	0.1000	250	250	-0.2	20.0
Methylene Chloride	Lin1		1.511	0.1000	49.6	50.0	-0.8	20.0
2-Methyl-2-propanol	Ave	0.1175	0.1582		673	500	34.6*	20.0
Methyl tert-butyl ether	Ave	4.014	4.299	0.1000	53.5	50.0	7.1	20.0
trans-1,2-Dichloroethene	Ave	1.389	1.481	0.1000	53.3	50.0	6.6	20.0
Acrylonitrile	Ave	0.5188	0.5110		492	500	-1.5	20.0
Hexane	Ave	2.446	2.310		47.2	50.0	-5.6	20.0
Vinyl acetate	Ave	2.145	2.292		107	100	6.8	20.0
1,1-Dichloroethane	Ave	2.534	2.569	0.2000	50.7	50.0	1.4	20.0
2,2-Dichloropropane	Ave	1.796	2.221		61.8	50.0	23.7*	20.0
2-Butanone (MEK)	Ave	0.7307	0.7383	0.1000	253	250	1.0	20.0
cis-1,2-Dichloroethene	Ave	1.487	1.551	0.1000	52.2	50.0	4.3	20.0
Chlorobromomethane	Ave	0.7448	0.7903		53.1	50.0	6.1	20.0
Tetrahydrofuran	Ave	0.4867	0.4875		100	100	0.2	20.0
Chloroform	Ave	2.396	2.491	0.2000	52.0	50.0	3.9	20.0
1,1,1-Trichloroethane	Ave	1.862	2.233	0.1000	60.0	50.0	20.0	20.0
Cyclohexane	Ave	2.262	2.386	0.1000	52.7	50.0	5.5	20.0
1,1-Dichloropropene	Ave	1.805	1.968		54.5	50.0	9.0	20.0
Carbon tetrachloride	Ave	1.622	2.103	0.1000	64.8	50.0	29.6*	20.0
Isobutyl alcohol	Lin1		0.0722		1350	1250	8.3	20.0
Benzene	Ave	5.478	5.611	0.5000	51.2	50.0	2.4	20.0
1,2-Dichloroethane	Ave	1.947	1.909	0.1000	49.0	50.0	-2.0	20.0
n-Heptane	Ave	2.282	2.444		53.6	50.0	7.1	20.0
Trichloroethene	Ave	1.366	1.468	0.2000	53.7	50.0	7.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191487/3 Calibration Date: 07/07/2014 21:54

Instrument ID: HP5973F Calib Start Date: 07/02/2014 17:44

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/02/2014 20:18

Lab File ID: F9726.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
Methylcyclohexane	Ave	2.380	2.672	0.1000	56.1	50.0	12.3	20.0
1,2-Dichloropropane	Ave	1.349	1.325	0.1000	49.1	50.0	-1.8	20.0
1,4-Dioxane	Ave	0.0077	0.0087		1130	1000	13.1	20.0
Dibromomethane	Ave	0.8248	0.8428	0.1000	51.1	50.0	2.2	20.0
Bromodichloromethane	Ave	1.556	1.771	0.2000	56.9	50.0	13.8	20.0
2-Chloroethyl vinyl ether	Ave	0.8754	0.8742		49.9	50.0	-0.1	20.0
cis-1,3-Dichloropropene	Ave	2.034	2.216	0.2000	54.5	50.0	8.9	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7031	0.7332	0.1000	261	250	4.3	20.0
Toluene	Ave	1.681	1.804	0.4000	53.7	50.0	7.4	20.0
Ethyl methacrylate	Ave	0.8381	0.9252		55.2	50.0	10.4	20.0
trans-1,3-Dichloropropene	Ave	0.8748	0.9687	0.1000	55.4	50.0	10.7	20.0
1,1,2-Trichloroethane	Ave	0.4746	0.4814	0.1000	50.7	50.0	1.4	20.0
Tetrachloroethene	Ave	0.7426	0.8470	0.2000	57.0	50.0	14.0	20.0
1,3-Dichloropropane	Ave	1.030	1.043		50.6	50.0	1.2	20.0
2-Hexanone	Ave	0.5009	0.5346	0.1000	267	250	6.7	20.0
Dibromochloromethane	Lin1		0.6725	0.1000	54.0	50.0	8.1	20.0
1,2-Dibromoethane	Ave	0.5946	0.6254		52.6	50.0	5.2	20.0
Chlorobenzene	Ave	1.864	1.979	0.5000	53.1	50.0	6.2	20.0
Ethylbenzene	Ave	3.116	3.391	0.1000	54.4	50.0	8.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5743	0.6959		60.6	50.0	21.2*	20.0
m,p-Xylene	Ave	1.250	1.375	0.1000	55.0	50.0	10.0	20.0
o-Xylene	Ave	1.208	1.302	0.3000	53.9	50.0	7.7	20.0
Styrene	Ave	2.069	2.212	0.3000	53.5	50.0	6.9	20.0
Bromoform	Lin		0.4329	0.1000	55.0	50.0	10.1	20.0
Isopropylbenzene	Ave	3.146	3.424	0.1000	54.4	50.0	8.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7659	0.7762	0.3000	50.7	50.0	1.3	20.0
Bromobenzene	Ave	0.8401	0.8698		51.8	50.0	3.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2384	0.2526		53.0	50.0	6.0	20.0
N-Propylbenzene	Ave	3.717	3.993		53.7	50.0	7.4	20.0
1,2,3-Trichloropropane	Ave	0.2570	0.2632		51.2	50.0	2.4	20.0
2-Chlorotoluene	Ave	0.7952	0.8311		52.3	50.0	4.5	20.0
1,3,5-Trimethylbenzene	Ave	2.650	2.858		53.9	50.0	7.8	20.0
4-Chlorotoluene	Ave	0.8155	0.8631		52.9	50.0	5.8	20.0
tert-Butylbenzene	Ave	0.5908	0.6525		55.2	50.0	10.4	20.0
1,2,4-Trimethylbenzene	Ave	2.733	2.898		53.0	50.0	6.0	20.0
sec-Butylbenzene	Ave	3.350	3.678		54.9	50.0	9.8	20.0
4-Isopropyltoluene	Ave	2.958	3.268		55.2	50.0	10.5	20.0
1,3-Dichlorobenzene	Ave	1.553	1.638	0.6000	52.7	50.0	5.5	20.0
1,4-Dichlorobenzene	Ave	1.565	1.655	0.5000	52.9	50.0	5.8	20.0
n-Butylbenzene	Ave	2.612	2.861		54.8	50.0	9.6	20.0
1,2-Dichlorobenzene	Ave	1.481	1.526	0.4000	51.5	50.0	3.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191487/3 Calibration Date: 07/07/2014 21:54

Instrument ID: HP5973F Calib Start Date: 07/02/2014 17:44

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/02/2014 20:18

Lab File ID: F9726.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.1562	0.0500	52.4	50.0	4.8	20.0
1,2,4-Trichlorobenzene	Ave	1.017	1.079	0.2000	53.1	50.0	6.2	20.0
Hexachlorobutadiene	Ave	0.5882	0.6502		55.3	50.0	10.5	20.0
Naphthalene	Ave	2.509	2.661		53.0	50.0	6.0	20.0
1,2,3-Trichlorobenzene	Ave	0.9520	0.9928		52.1	50.0	4.3	20.0
Dibromofluoromethane (Surr)	Ave	1.057	1.105		52.3	50.0	4.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.6729	0.6599		49.0	50.0	-1.9	20.0
Toluene-d8 (Surr)	Ave	2.068	2.040		49.3	50.0	-1.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6878	0.6915		50.3	50.0	0.5	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9726.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Jul-2014 21:54:30 ALS Bottle#: 1 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0033566-003 =480-0033566-003
Operator ID: CDC Instrument ID: HP5973F
Sublist: chrom-F-8260 SOIL*sub27

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Jul-2014 21:51:07 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: cwiklinc Date: 07-Jul-2014 21:51:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.468	0.000	99	199127	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	86	392827	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	93	394442	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	63	219968	50.0	52.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	131398	50.0	49.0	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	91	801553	50.0	49.3	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	91	271633	50.0	50.3	
10 Dichlorodifluoromethane	85	1.952	1.952	0.000	87	369254	50.0	51.5	
12 Chloromethane	50	2.110	2.110	0.000	92	302666	50.0	52.7	
13 Vinyl chloride	62	2.226	2.226	0.000	98	313629	50.0	56.7	
151 Butadiene	54	2.232	2.232	0.000	94	278523	50.0	56.0	
14 Bromomethane	94	2.512	2.512	0.000	90	161613	50.0	51.4	
15 Chloroethane	64	2.579	2.579	0.000	100	146295	50.0	52.2	
16 Dichlorofluoromethane	67	2.755	2.755	0.000	97	409532	50.0	54.0	
17 Trichlorofluoromethane	101	2.804	2.804	0.000	99	391264	50.0	58.9	
18 Ethyl ether	59	2.968	2.968	0.000	89	215746	50.0	47.4	
20 Acrolein	56	3.132	3.132	0.000	94	181146	250.0	248.7	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.169	0.000	85	306463	50.0	56.7	
22 1,1-Dichloroethene	96	3.199	3.199	0.000	87	274753	50.0	53.0	
23 Acetone	43	3.248	3.248	0.000	97	487832	250.0	250.7	
25 Iodomethane	142	3.357	3.357	0.000	99	508287	50.0	53.6	
26 Carbon disulfide	76	3.406	3.406	0.000	99	1067102	50.0	54.3	
27 Methyl acetate	43	3.467	3.467	0.000	91	1171386	250.0	249.5	
28 3-Chloro-1-propene	41	3.467	3.467	0.000	88	467942	50.0	49.7	
30 Methylene Chloride	84	3.588	3.588	0.000	81	300933	50.0	49.6	
31 2-Methyl-2-propanol	59	3.637	3.637	0.000	98	314993	500.0	673.0	
32 Methyl tert-butyl ether	73	3.734	3.734	0.000	86	856028	50.0	53.5	
34 trans-1,2-Dichloroethene	96	3.771	3.771	0.000	95	294879	50.0	53.3	
33 Acrylonitrile	53	3.789	3.789	0.000	98	1017553	500.0	492.5	
35 Hexane	57	3.911	3.911	0.000	94	459937	50.0	47.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
37 Vinyl acetate	43	4.093	4.093	0.000	97	912789	100.0	106.8	
39 1,1-Dichloroethane	63	4.106	4.106	0.000	85	511600	50.0	50.7	
43 2-Butanone (MEK)	43	4.550	4.550	0.000	98	735082	250.0	252.6	
44 2,2-Dichloropropane	77	4.550	4.550	0.000	63	442304	50.0	61.8	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	68	308847	50.0	52.2	
48 Chlorobromomethane	128	4.769	4.769	0.000	87	157374	50.0	53.1	
49 Tetrahydrofuran	42	4.787	4.787	0.000	87	194150	100.0	100.2	
50 Chloroform	83	4.805	4.805	0.000	94	495940	50.0	52.0	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	96	444720	50.0	60.0	
52 Cyclohexane	56	4.982	4.982	0.000	90	475166	50.0	52.7	
54 1,1-Dichloropropene	75	5.067	5.067	0.000	94	391937	50.0	54.5	
55 Carbon tetrachloride	117	5.079	5.079	0.000	80	418682	50.0	64.8	
53 Isobutyl alcohol	43	5.128	5.128	0.000	89	359548	1250.0	1354.3	
57 Benzene	78	5.255	5.255	0.000	96	1117227	50.0	51.2	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	93	380041	50.0	49.0	
59 n-Heptane	43	5.347	5.347	0.000	90	486728	50.0	53.6	
62 Trichloroethene	95	5.779	5.779	0.000	96	292249	50.0	53.7	
64 Methylcyclohexane	83	5.918	5.918	0.000	88	532112	50.0	56.1	
65 1,2-Dichloropropane	63	6.004	6.004	0.000	90	263837	50.0	49.1	
66 1,4-Dioxane	88	6.101	6.101	0.000	84	67993	1000.0	1131.1	
67 Dibromomethane	93	6.131	6.131	0.000	89	167822	50.0	51.1	
68 Dichlorobromomethane	83	6.241	6.241	0.000	93	352646	50.0	56.9	
69 2-Chloroethyl vinyl ether	63	6.448	6.448	0.000	93	174079	50.0	49.9	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	90	441293	50.0	54.5	
73 4-Methyl-2-pentanone (MIBK	43	6.722	6.722	0.000	97	1440048	250.0	260.7	
74 Toluene	92	6.916	6.916	0.000	97	708683	50.0	53.7	
75 Ethyl methacrylate	69	7.135	7.135	0.000	89	363444	50.0	55.2	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	94	380529	50.0	55.4	
79 1,1,2-Trichloroethane	83	7.336	7.336	0.000	93	189101	50.0	50.7	
81 Tetrachloroethene	166	7.439	7.439	0.000	97	332707	50.0	57.0	
82 1,3-Dichloropropane	76	7.500	7.500	0.000	92	409730	50.0	50.6	
80 2-Hexanone	43	7.512	7.512	0.000	95	1049990	250.0	266.8	
83 Chlorodibromomethane	129	7.750	7.750	0.000	87	264181	50.0	54.0	
84 Ethylene Dibromide	107	7.877	7.877	0.000	98	245666	50.0	52.6	
87 Chlorobenzene	112	8.328	8.328	0.000	92	777592	50.0	53.1	
88 Ethylbenzene	91	8.395	8.395	0.000	98	1332074	50.0	54.4	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	87	273381	50.0	60.6	
90 m-Xylene & p-Xylene	106	8.510	8.510	0.000	0	539955	50.0	55.0	
91 o-Xylene	106	8.942	8.942	0.000	93	511378	50.0	53.9	
92 Styrene	104	8.960	8.960	0.000	94	869062	50.0	53.5	
95 Bromoform	173	9.240	9.240	0.000	97	170068	50.0	55.0	
94 Isopropylbenzene	105	9.307	9.307	0.000	96	1350628	50.0	54.4	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	98	306147	50.0	50.7	
101 Bromobenzene	156	9.690	9.690	0.000	90	343101	50.0	51.8	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	35	99638	50.0	53.0	
99 N-Propylbenzene	91	9.727	9.727	0.000	98	1575123	50.0	53.7	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	82	103804	50.0	51.2	
103 2-Chlorotoluene	126	9.855	9.855	0.000	96	327810	50.0	52.3	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	84	1127217	50.0	53.9	
105 4-Chlorotoluene	126	9.958	9.958	0.000	97	340460	50.0	52.9	
106 tert-Butylbenzene	134	10.207	10.207	0.000	90	257370	50.0	55.2	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	1143045	50.0	53.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
109 sec-Butylbenzene	105	10.408	10.408	0.000	94	1450592	50.0	54.9	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	94	1288962	50.0	55.2	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	96	646124	50.0	52.7	
113 1,4-Dichlorobenzene	146	10.652	10.652	0.000	95	652917	50.0	52.9	
115 n-Butylbenzene	91	10.901	10.901	0.000	95	1128671	50.0	54.8	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	602025	50.0	51.5	
117 1,2-Dibromo-3-Chloropropan	75	11.667	11.667	0.000	81	61597	50.0	52.4	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	94	425730	50.0	53.1	
120 Hexachlorobutadiene	225	12.410	12.410	0.000	97	256448	50.0	55.3	
121 Naphthalene	128	12.544	12.544	0.000	97	1049623	50.0	53.0	
122 1,2,3-Trichlorobenzene	180	12.756	12.756	0.000	95	391581	50.0	52.1	
S 125 1,2-Dichloroethene, Total	1				0			105.4	
S 126 1,3-Dichloropropene, Total	1				0			109.8	
S 123 Total BTEX	1				0			268.1	
S 124 Xylenes, Total	1				0			108.9	

Reagents:

8260 CORP mix_00016	Amount Added:	25.00	Units: uL	
GAS CORP mix_00035	Amount Added:	25.00	Units: uL	
F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

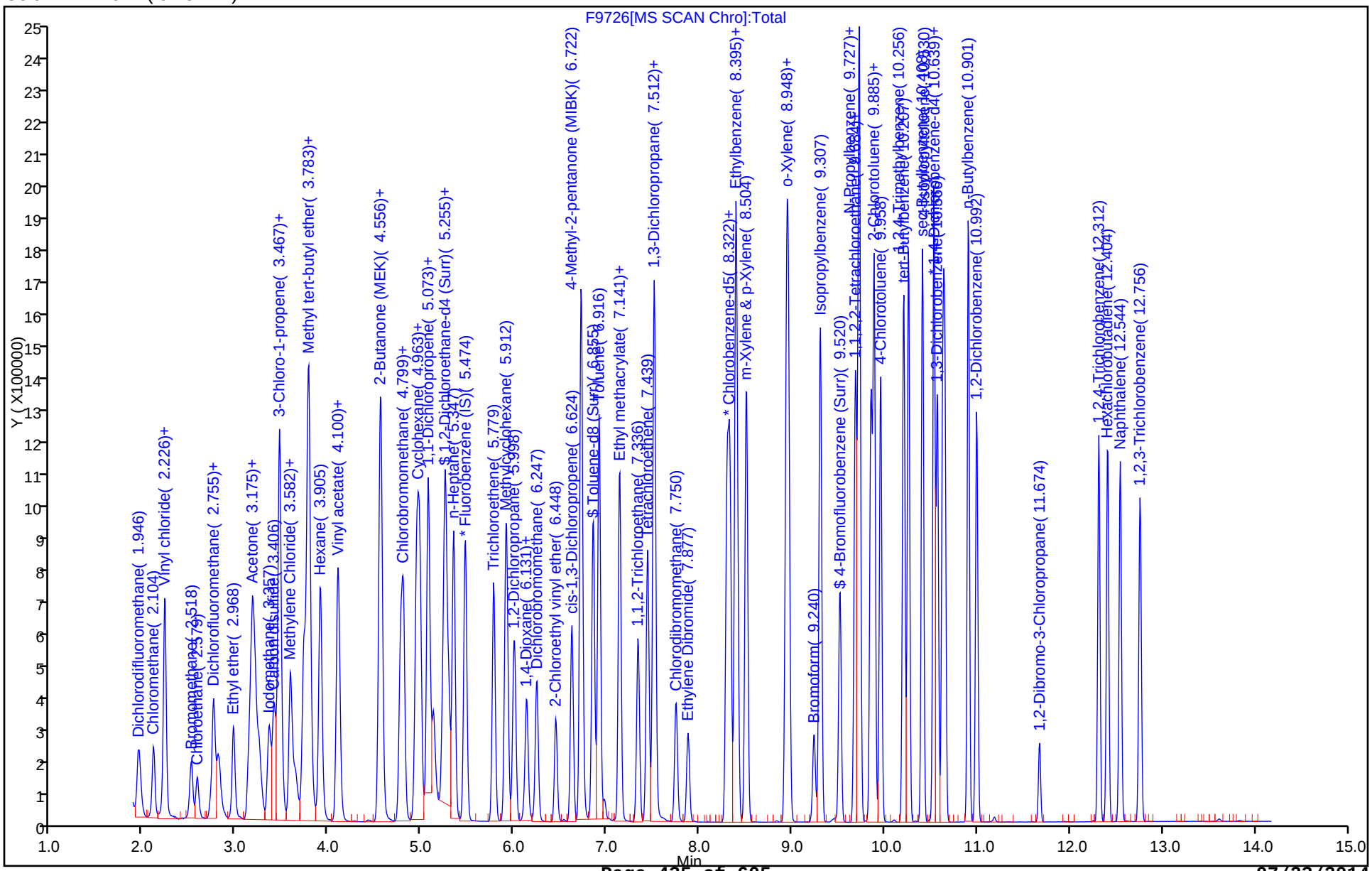
Report Date: 07-Jul-2014 21:51:08 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9726.D

Injection Date:	07-Jul-2014 21:54:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191393/3 Calibration Date: 07/07/2014 10:38

Instrument ID: HP5973S Calib Start Date: 06/27/2014 19:46

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 22:01

Lab File ID: S39966.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	1.434	1.341	0.1000	23.4	25.0	-6.5	20.0
Chloromethane	Ave	1.802	1.671	0.1000	23.2	25.0	-7.3	20.0
Vinyl chloride	Ave	1.712	1.594	0.1000	23.3	25.0	-6.9	20.0
Bromomethane	Ave	0.6689	0.5204	0.1000	19.4	25.0	-22.2*	20.0
Chloroethane	Ave	0.9731	0.8508	0.1000	21.9	25.0	-12.6	20.0
Trichlorofluoromethane	Ave	1.806	1.608	0.1000	22.3	25.0	-11.0	20.0
Dichlorofluoromethane	Ave	2.164	2.021		23.3	25.0	-6.6	20.0
Ethyl ether	Ave	1.316	1.174		22.3	25.0	-10.8	20.0
Acrolein	Ave	0.2243	0.2277		127	125	1.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.179	1.097	0.1000	23.3	25.0	-7.0	20.0
1,1-Dichloroethene	Ave	1.525	1.371	0.1000	22.5	25.0	-10.1	20.0
Acetone	Ave	0.6009	0.6150	0.1000	128	125	2.3	20.0
Iodomethane	Ave	1.516	1.573		25.9	25.0	3.8	20.0
Carbon disulfide	Ave	3.973	4.038	0.1000	25.4	25.0	1.6	20.0
Allyl chloride	Ave	1.587	1.300		20.5	25.0	-18.1	20.0
Methyl acetate	Ave	1.505	1.452	0.1000	121	125	-3.5	20.0
Methylene Chloride	Lin1		1.433	0.1000	22.2	25.0	-11.2	20.0
2-Methyl-2-propanol	Ave	0.2147	0.1647		192	250	-23.3*	20.0
Methyl tert-butyl ether	Ave	4.468	3.961	0.1000	22.2	25.0	-11.3	20.0
trans-1,2-Dichloroethene	Ave	1.413	1.246	0.1000	22.0	25.0	-11.8	20.0
Acrylonitrile	Ave	0.7067	0.6856		243	250	-3.0	20.0
Hexane	Ave	1.862	1.475		19.8	25.0	-20.8*	20.0
1,1-Dichloroethane	Ave	2.201	2.109	0.2000	23.9	25.0	-4.2	20.0
Vinyl acetate	Ave	2.781	2.317		41.7	50.0	-16.7	20.0
2,2-Dichloropropane	Ave	0.8006	0.5866		18.3	25.0	-26.7*	20.0
cis-1,2-Dichloroethene	Ave	1.490	1.282	0.1000	21.5	25.0	-13.9	20.0
2-Butanone (MEK)	Ave	0.9733	0.9540	0.1000	123	125	-2.0	20.0
Chlorobromomethane	Ave	0.7149	0.6302		22.0	25.0	-11.9	20.0
Tetrahydrofuran	Ave	0.6494	0.6172		47.5	50.0	-5.0	20.0
Chloroform	Ave	2.432	2.078	0.2000	21.4	25.0	-14.6	20.0
1,1,1-Trichloroethane	Ave	1.354	1.094	0.1000	20.2	25.0	-19.2	20.0
Cyclohexane	Ave	2.382	1.990	0.1000	20.9	25.0	-16.5	20.0
Carbon tetrachloride	Ave	1.304	0.9431	0.1000	18.1	25.0	-27.7*	20.0
1,1-Dichloropropene	Ave	1.822	1.599		21.9	25.0	-12.2	20.0
Benzene	Ave	5.943	5.200	0.5000	21.9	25.0	-12.5	20.0
Isobutyl alcohol	Ave	0.0976	0.0707		453	625	-27.6*	20.0
1,2-Dichloroethane	Ave	2.119	1.920	0.1000	22.6	25.0	-9.4	20.0
n-Heptane	Ave	2.164	1.767		20.4	25.0	-18.3	20.0
Trichloroethene	Ave	1.412	1.241	0.2000	22.0	25.0	-12.1	20.0
Methylcyclohexane	Ave	2.180	1.806	0.1000	20.7	25.0	-17.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191393/3 Calibration Date: 07/07/2014 10:38

Instrument ID: HP5973S Calib Start Date: 06/27/2014 19:46

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 22:01

Lab File ID: S39966.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	1.468	1.316	0.1000	22.4	25.0	-10.3	20.0
Dibromomethane	Ave	0.8659	0.7866	0.1000	22.7	25.0	-9.2	20.0
1,4-Dioxane	Lin1		0.0106		559	500	11.9	20.0
Bromodichloromethane	Ave	1.635	1.414	0.2000	21.6	25.0	-13.5	20.0
2-Chloroethyl vinyl ether	Ave	1.074	1.010		23.5	25.0	-6.0	20.0
cis-1,3-Dichloropropene	Ave	2.106	1.836	0.2000	21.8	25.0	-12.8	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.9675	0.9542	0.1000	123	125	-1.4	20.0
Toluene	Ave	1.843	1.581	0.4000	21.4	25.0	-14.2	20.0
trans-1,3-Dichloropropene	Ave	0.9019	0.7459	0.1000	20.7	25.0	-17.3	20.0
Ethyl methacrylate	Ave	1.082	0.9671		22.3	25.0	-10.6	20.0
1,1,2-Trichloroethane	Ave	0.5701	0.5151	0.1000	22.6	25.0	-9.6	20.0
Tetrachloroethene	Ave	0.7638	0.6784	0.2000	22.2	25.0	-11.2	20.0
1,3-Dichloropropane	Ave	1.253	1.136		22.7	25.0	-9.3	20.0
2-Hexanone	Ave	0.7137	0.7109	0.1000	125	125	-0.4	20.0
Dibromochloromethane	Ave	0.5525	0.4646	0.1000	21.0	25.0	-15.9	20.0
1,2-Dibromoethane	Ave	0.6779	0.6169		22.7	25.0	-9.0	20.0
Chlorobenzene	Ave	2.071	1.814	0.5000	21.9	25.0	-12.4	20.0
Ethylbenzene	Ave	3.547	3.124	0.1000	22.0	25.0	-11.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5928	0.4914		20.7	25.0	-17.1	20.0
m,p-Xylene	Ave	1.370	1.210	0.1000	22.1	25.0	-11.7	20.0
o-Xylene	Ave	1.338	1.169	0.3000	21.8	25.0	-12.7	20.0
Styrene	Ave	2.290	2.096	0.3000	22.9	25.0	-8.5	20.0
Bromoform	Lin		0.2922	0.1000	18.1	25.0	-27.6*	20.0
Isopropylbenzene	Ave	3.869	3.304	0.1000	21.3	25.0	-14.6	20.0
Bromobenzene	Ave	0.9879	0.8472		21.4	25.0	-14.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.082	0.9621	0.3000	22.2	25.0	-11.0	20.0
N-Propylbenzene	Ave	4.563	3.942		21.6	25.0	-13.6	20.0
1,2,3-Trichloropropane	Ave	0.3597	0.3258		22.6	25.0	-9.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3241	0.2905		22.4	25.0	-10.4	20.0
2-Chlorotoluene	Ave	0.9009	0.7635		21.2	25.0	-15.2	20.0
1,3,5-Trimethylbenzene	Ave	3.251	2.803		21.6	25.0	-13.8	20.0
4-Chlorotoluene	Ave	0.9348	0.7940		21.2	25.0	-15.1	20.0
tert-Butylbenzene	Ave	0.7217	0.6204		21.5	25.0	-14.0	20.0
1,2,4-Trimethylbenzene	Ave	3.351	2.913		21.7	25.0	-13.1	20.0
sec-Butylbenzene	Ave	4.085	3.527		21.6	25.0	-13.7	20.0
1,3-Dichlorobenzene	Ave	1.853	1.616	0.6000	21.8	25.0	-12.8	20.0
4-Isopropyltoluene	Ave	3.439	3.051		22.2	25.0	-11.3	20.0
1,4-Dichlorobenzene	Ave	1.894	1.639	0.5000	21.6	25.0	-13.4	20.0
n-Butylbenzene	Ave	3.087	2.786		22.6	25.0	-9.7	20.0
1,2-Dichlorobenzene	Ave	1.815	1.570	0.4000	21.6	25.0	-13.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1753	0.1532	0.0500	21.8	25.0	-12.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191393/3 Calibration Date: 07/07/2014 10:38

Instrument ID: HP5973S Calib Start Date: 06/27/2014 19:46

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 22:01

Lab File ID: S39966.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.147	1.072	0.2000	23.4	25.0	-6.5	20.0
Hexachlorobutadiene	Ave	0.5593	0.5414		24.2	25.0	-3.2	20.0
Naphthalene	Ave	3.017	2.939		24.4	25.0	-2.6	20.0
1,2,3-Trichlorobenzene	Ave	1.056	0.9940		23.5	25.0	-5.9	20.0
Dibromofluoromethane (Surr)	Ave	1.096	1.011		23.0	25.0	-7.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8152	0.7719		23.7	25.0	-5.3	20.0
Toluene-d8 (Surr)	Ave	2.390	2.194		22.9	25.0	-8.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7696	0.7278		23.6	25.0	-5.4	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39966.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Jul-2014 10:38:30 ALS Bottle#: 90 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0033550-003 =480-0033550-003
Operator ID: NQ Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Jul-2014 14:42:24 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: nguyendudziaknq Date: 07-Jul-2014 10:56:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	214985	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	430957	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.696	8.696	0.000	76	408759	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.060	4.060	0.000	67	217266	25.0	23.0	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	165943	25.0	23.7	
$ 5 Toluene-d8 (Surr)	98	5.696	5.696	0.000	91	945555	25.0	22.9	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	88	313635	25.0	23.6	
10 Dichlorodifluoromethane	85	1.201	1.201	0.000	87	288387	25.0	23.4	
12 Chloromethane	50	1.328	1.328	0.000	89	359201	25.0	23.2	
13 Vinyl chloride	62	1.413	1.413	0.000	83	342647	25.0	23.3	
151 Butadiene	54	1.426	1.426	0.000	92	250920	25.0	24.2	
14 Bromomethane	94	1.675	1.675	0.000	90	111884	25.0	19.4	
15 Chloroethane	64	1.748	1.748	0.000	94	182916	25.0	21.9	
17 Trichlorofluoromethane	101	1.894	1.894	0.000	52	345685	25.0	22.3	
16 Dichlorofluoromethane	67	1.900	1.900	0.000	82	434480	25.0	23.3	
18 Ethyl ether	59	2.095	2.095	0.000	91	252458	25.0	22.3	
20 Acrolein	56	2.259	2.259	0.000	97	244762	125.0	126.9	
21 1,1,2-Trichloro-1,2,2-trif	101	2.290	2.290	0.000	81	235775	25.0	23.3	
22 1,1-Dichloroethene	96	2.320	2.320	0.000	87	294804	25.0	22.5	
23 Acetone	43	2.393	2.393	0.000	99	661080	125.0	127.9	
25 Iodomethane	142	2.472	2.472	0.000	97	338223	25.0	25.9	
26 Carbon disulfide	76	2.490	2.490	0.000	99	868040	25.0	25.4	
28 3-Chloro-1-propene	41	2.588	2.588	0.000	77	279581	25.0	20.5	
27 Methyl acetate	43	2.630	2.630	0.000	96	1561001	125.0	120.6	
30 Methylene Chloride	84	2.770	2.770	0.000	84	308041	25.0	22.2	
31 2-Methyl-2-propanol	59	2.849	2.849	0.000	92	354094	250.0	191.8	
32 Methyl tert-butyl ether	73	2.880	2.880	0.000	93	851616	25.0	22.2	
34 trans-1,2-Dichloroethene	96	2.892	2.892	0.000	91	267925	25.0	22.0	
33 Acrylonitrile	53	2.953	2.953	0.000	99	1474023	250.0	242.5	
35 Hexane	57	3.050	3.050	0.000	92	317047	25.0	19.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.239	3.239	0.000	85	453302	25.0	23.9	
37 Vinyl acetate	43	3.281	3.281	0.000	97	996399	50.0	41.7	
44 2,2-Dichloropropane	77	3.664	3.664	0.000	85	126101	25.0	18.3	
45 cis-1,2-Dichloroethene	96	3.689	3.689	0.000	70	275613	25.0	21.5	
43 2-Butanone (MEK)	43	3.725	3.725	0.000	100	1025428	125.0	122.5	
48 Chlorobromomethane	128	3.877	3.877	0.000	94	135474	25.0	22.0	
49 Tetrahydrofuran	42	3.902	3.902	0.000	88	265383	50.0	47.5	
50 Chloroform	83	3.938	3.938	0.000	81	446747	25.0	21.4	
52 Cyclohexane	56	4.035	4.035	0.000	92	427808	25.0	20.9	
51 1,1,1-Trichloroethane	97	4.029	4.029	0.000	91	235221	25.0	20.2	
55 Carbon tetrachloride	117	4.139	4.139	0.000	62	202761	25.0	18.1	
54 1,1-Dichloropropene	75	4.151	4.151	0.000	93	343821	25.0	21.9	
57 Benzene	78	4.315	4.315	0.000	97	1117838	25.0	21.9	
58 1,2-Dichloroethane	62	4.370	4.370	0.000	92	412723	25.0	22.6	
59 n-Heptane	43	4.443	4.443	0.000	93	379971	25.0	20.4	
53 Isobutyl alcohol	43	4.321	4.321	0.000	90	379944	625.0	452.5	
62 Trichloroethene	95	4.790	4.790	0.000	94	266791	25.0	22.0	
64 Methylcyclohexane	83	4.881	4.881	0.000	92	388188	25.0	20.7	M
65 1,2-Dichloropropane	63	4.985	4.985	0.000	91	282891	25.0	22.4	
67 Dibromomethane	93	5.088	5.088	0.000	92	169106	25.0	22.7	
66 1,4-Dioxane	88	5.100	5.100	0.000	94	91600	500.0	559.4	M
68 Dichlorobromomethane	83	5.204	5.204	0.000	93	303971	25.0	21.6	
69 2-Chloroethyl vinyl ether	63	5.423	5.423	0.000	92	217132	25.0	23.5	
72 cis-1,3-Dichloropropene	75	5.526	5.526	0.000	88	394691	25.0	21.8	
73 4-Methyl-2-pentanone (MIBK	43	5.642	5.642	0.000	97	2056094	125.0	123.3	
74 Toluene	92	5.751	5.751	0.000	98	681275	25.0	21.4	
77 trans-1,3-Dichloropropene	75	5.958	5.958	0.000	93	321442	25.0	20.7	
75 Ethyl methacrylate	69	5.988	5.988	0.000	89	416776	25.0	22.3	
79 1,1,2-Trichloroethane	83	6.104	6.104	0.000	88	222004	25.0	22.6	
81 Tetrachloroethene	166	6.146	6.146	0.000	86	292342	25.0	22.2	
82 1,3-Dichloropropane	76	6.232	6.232	0.000	93	489700	25.0	22.7	
80 2-Hexanone	43	6.280	6.280	0.000	97	1531850	125.0	124.5	
83 Chlorodibromomethane	129	6.408	6.408	0.000	89	200222	25.0	21.0	
84 Ethylene Dibromide	107	6.493	6.493	0.000	98	265863	25.0	22.7	
87 Chlorobenzene	112	6.846	6.846	0.000	92	781761	25.0	21.9	
88 Ethylbenzene	91	6.913	6.913	0.000	99	1346295	25.0	22.0	
89 1,1,1,2-Tetrachloroethane	131	6.919	6.919	0.000	84	211765	25.0	20.7	
90 m-Xylene & p-Xylene	106	7.004	7.004	0.000	0	521337	25.0	22.1	
91 o-Xylene	106	7.321	7.321	0.000	98	503673	25.0	21.8	
92 Styrene	104	7.345	7.345	0.000	95	903149	25.0	22.9	
95 Bromoform	173	7.534	7.534	0.000	96	125916	25.0	18.1	
94 Isopropylbenzene	105	7.607	7.607	0.000	96	1350495	25.0	21.3	
101 Bromobenzene	156	7.880	7.880	0.000	95	346307	25.0	21.4	
97 1,1,2,2-Tetrachloroethane	83	7.917	7.917	0.000	83	393274	25.0	22.2	
99 N-Propylbenzene	91	7.941	7.941	0.000	97	1611288	25.0	21.6	
100 1,2,3-Trichloropropane	110	7.947	7.947	0.000	79	133162	25.0	22.6	
98 trans-1,4-Dichloro-2-buten	53	7.953	7.953	0.000	72	118725	25.0	22.4	
103 2-Chlorotoluene	126	8.026	8.026	0.000	95	312096	25.0	21.2	
102 1,3,5-Trimethylbenzene	105	8.081	8.081	0.000	75	1145846	25.0	21.6	
105 4-Chlorotoluene	126	8.118	8.118	0.000	98	324547	25.0	21.2	
106 tert-Butylbenzene	134	8.343	8.343	0.000	88	253589	25.0	21.5	
107 1,2,4-Trimethylbenzene	105	8.385	8.385	0.000	97	1190705	25.0	21.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.519	8.519	0.000	95	1441673	25.0	21.6	
111 1,3-Dichlorobenzene	146	8.635	8.635	0.000	73	660472	25.0	21.8	
110 4-Isopropyltoluene	119	8.641	8.641	0.000	94	1247193	25.0	22.2	
113 1,4-Dichlorobenzene	146	8.714	8.714	0.000	94	670102	25.0	21.6	
115 n-Butylbenzene	91	8.975	8.975	0.000	98	1138691	25.0	22.6	
116 1,2-Dichlorobenzene	146	9.024	9.024	0.000	96	641800	25.0	21.6	
117 1,2-Dibromo-3-Chloropropan	75	9.699	9.699	0.000	78	62608	25.0	21.8	
119 1,2,4-Trichlorobenzene	180	10.344	10.344	0.000	92	438163	25.0	23.4	
120 Hexachlorobutadiene	225	10.454	10.454	0.000	94	221292	25.0	24.2	
121 Naphthalene	128	10.563	10.563	0.000	97	1201469	25.0	24.4	
122 1,2,3-Trichlorobenzene	180	10.752	10.752	0.000	94	406290	25.0	23.5	
S 123 Total BTEX	1				0			109.3	
S 124 Xylenes, Total	1				0			43.9	
S 125 1,2-Dichloroethene, Total	1				0			43.6	
S 126 1,3-Dichloropropene, Total	1				0			42.5	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00015	Amount Added: 12.50	Units: uL	
GAS CORP mix_00035	Amount Added: 12.50	Units: uL	
S_8260_Surr_00089	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_IS_00082	Amount Added: 1.00	Units: uL	Run Reagent

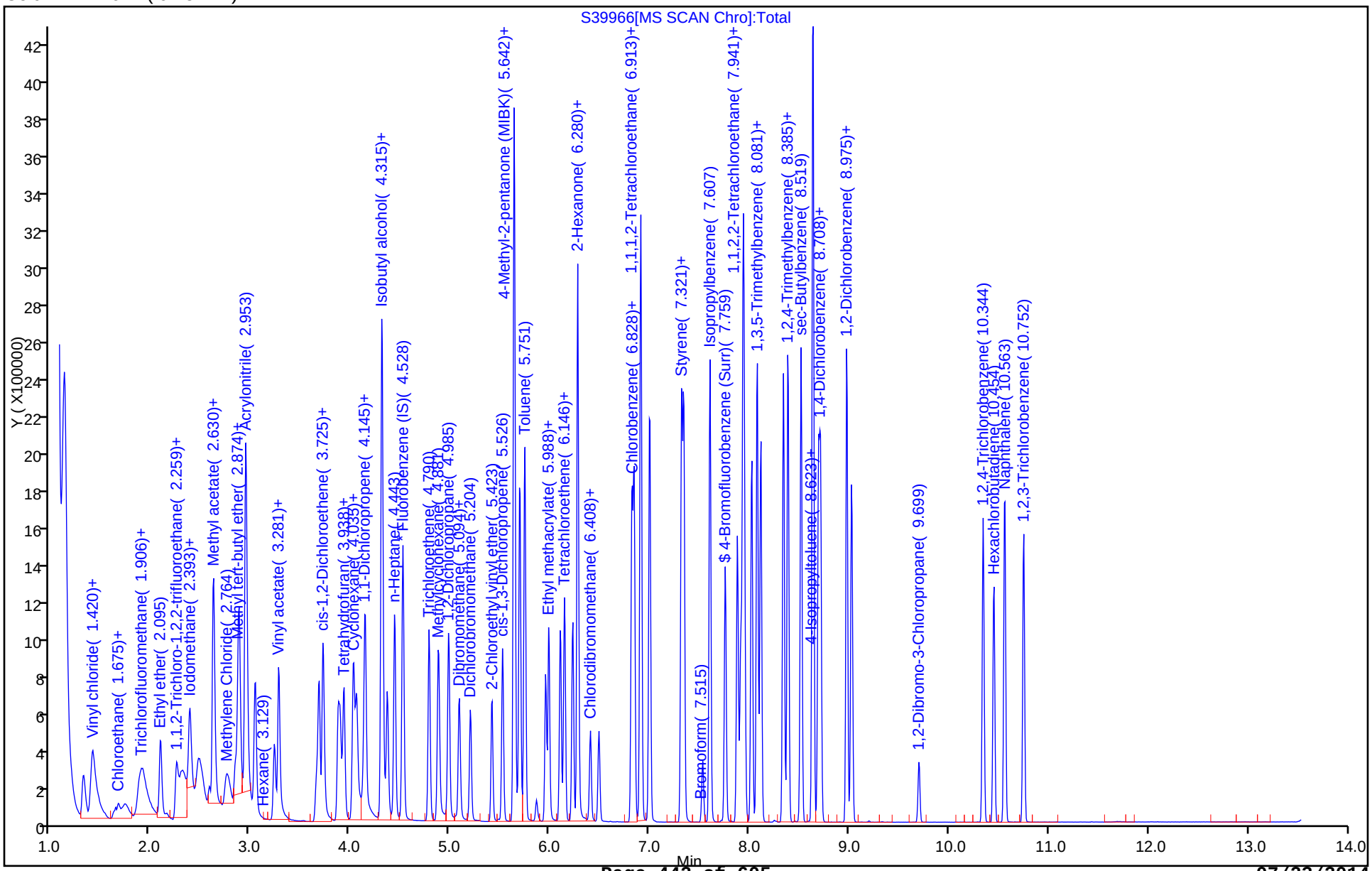
Report Date: 07-Jul-2014 14:42:25 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39966.D

Injection Date:	07-Jul-2014 10:38:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	90
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

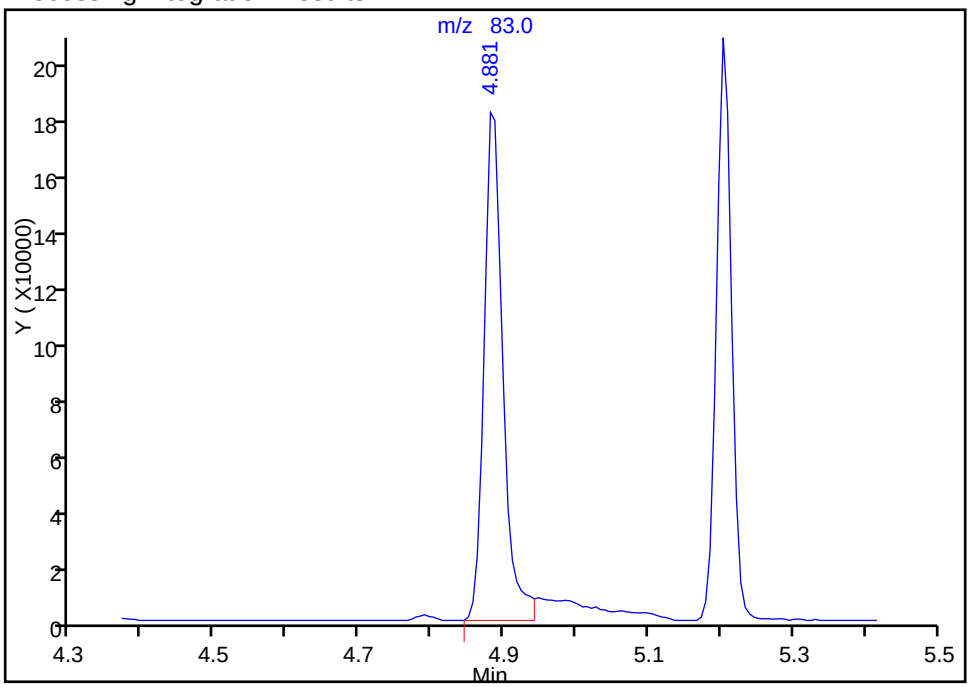
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39966.D
Injection Date: 07-Jul-2014 10:38:30 Instrument ID: HP5973S
Lims ID: CCVIS
Client ID:
Operator ID: NQ ALS Bottle#: 90 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

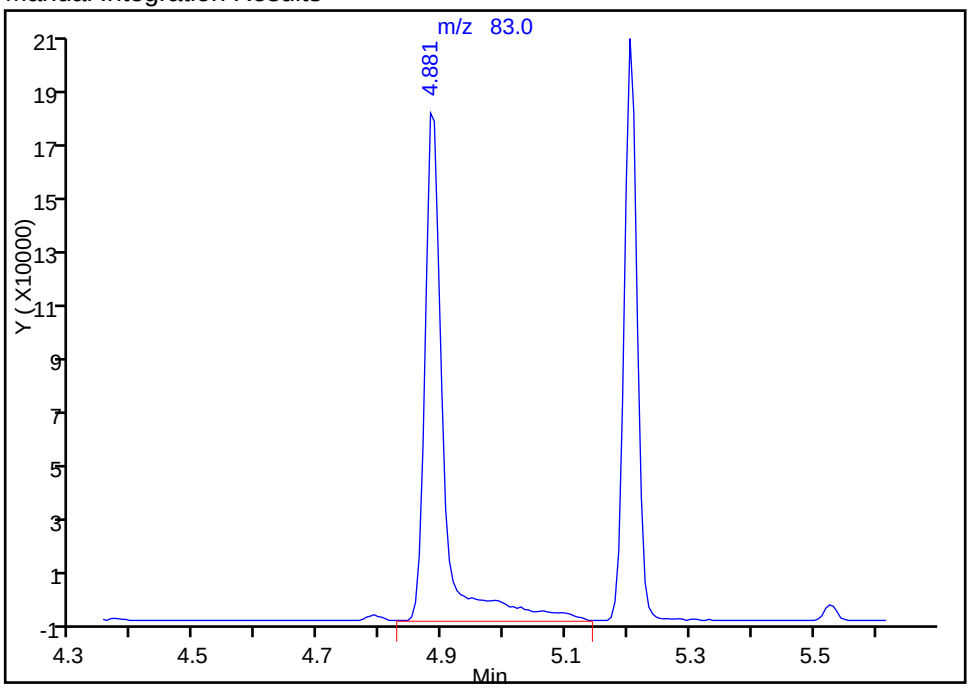
Processing Integration Results

RT: 4.88
Response: 333446
Amount: 17.788837



Manual Integration Results

RT: 4.88
Response: 388188
Amount: 20.709240



Reviewer: nguyendudziaknq, 07-Jul-2014 10:56:46
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

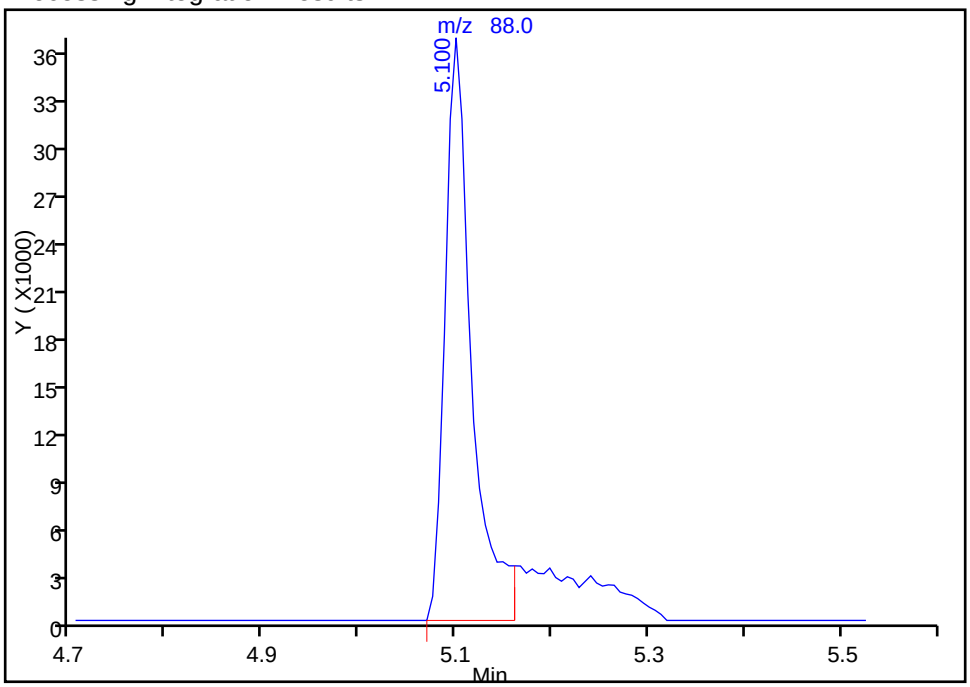
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39966.D
Injection Date: 07-Jul-2014 10:38:30 Instrument ID: HP5973S
Lims ID: CCVIS
Client ID:
Operator ID: NQ ALS Bottle#: 90 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

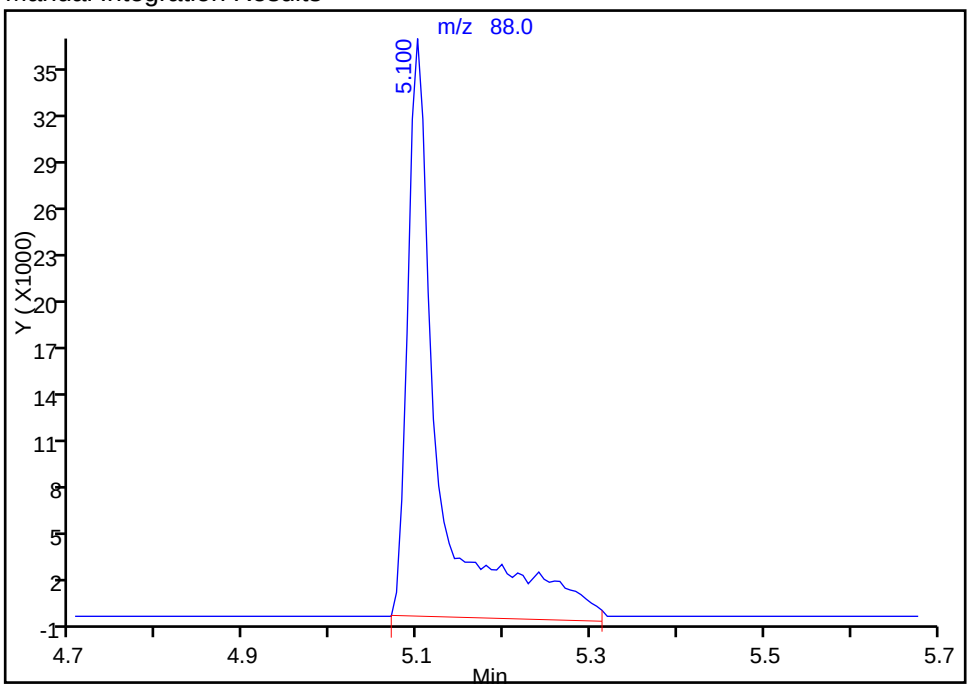
Processing Integration Results

RT: 5.10
Response: 69807
Amount: 429.2513



Manual Integration Results

RT: 5.10
Response: 91600
Amount: 559.4047



Reviewer: nguyendudziaknq, 07-Jul-2014 11:00:08
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192459/2 Calibration Date: 07/11/2014 22:29

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3207.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	0.2835	0.2511	0.1000	22.1	25.0	-11.5	20.0
Chloromethane	Ave	0.3892	0.3956	0.1000	25.4	25.0	1.7	20.0
Vinyl chloride	Ave	0.3343	0.2969	0.1000	22.2	25.0	-11.2	20.0
Butadiene	Ave	0.3376	0.3461		25.6	25.0	2.5	20.0
Bromomethane	Ave	0.1303	0.1584	0.1000	30.4	25.0	21.6*	20.0
Chloroethane	Ave	0.1713	0.2134	0.1000	31.2	25.0	24.6*	20.0
Trichlorofluoromethane	Ave	0.3632	0.3681	0.1000	25.3	25.0	1.3	20.0
Dichlorofluoromethane	Ave	0.3531	0.3749		26.5	25.0	6.2	20.0
Ethyl ether	Ave	0.2840	0.2794		24.6	25.0	-1.6	20.0
Acrolein	Ave	0.0486	0.0465		120	125	-4.2	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2531	0.2455	0.1000	24.2	25.0	-3.0	20.0
1,1-Dichloroethene	Ave	0.2298	0.2053	0.1000	22.3	25.0	-10.6	20.0
Acetone	Ave	0.1329	0.1496	0.1000	141	125	12.6	20.0
Iodomethane	Ave	0.4335	0.4416		25.5	25.0	1.9	20.0
Carbon disulfide	Ave	0.8903	0.8939	0.1000	25.1	25.0	0.4	20.0
Allyl chloride	Ave	0.5564	0.6003		27.0	25.0	7.9	20.0
Methyl acetate	Ave	0.3082	0.3457	0.1000	140	125	12.2	20.0
Methylene Chloride	Lin1		0.2901	0.1000	25.8	25.0	3.1	20.0
2-Methyl-2-propanol	Ave	0.0429	0.0387		225	250	-9.9	20.0
Methyl tert-butyl ether	Ave	0.8612	0.8588	0.1000	24.9	25.0	-0.3	20.0
trans-1,2-Dichloroethene	Ave	0.2895	0.2827	0.1000	24.4	25.0	-2.4	20.0
Acrylonitrile	Ave	0.1410	0.1548		275	250	9.8	20.0
Hexane	Ave	0.5308	0.5735		27.0	25.0	8.0	20.0
1,1-Dichloroethane	Ave	0.5648	0.5813	0.2000	25.7	25.0	2.9	20.0
Vinyl acetate	Ave	0.6063	0.6350		52.4	50.0	4.7	20.0
2,2-Dichloropropane	Ave	0.3190	0.3031		23.8	25.0	-5.0	20.0
cis-1,2-Dichloroethene	Ave	0.3049	0.2921	0.1000	24.0	25.0	-4.2	20.0
2-Butanone (MEK)	Ave	0.1954	0.2296	0.1000	147	125	17.5	20.0
Chlorobromomethane	Ave	0.1541	0.1548		25.1	25.0	0.5	20.0
Tetrahydrofuran	Ave	0.1338	0.1538		57.5	50.0	14.9	20.0
Chloroform	Ave	0.4971	0.4967	0.2000	25.0	25.0	-0.0	20.0
1,1,1-Trichloroethane	Ave	0.3910	0.3828	0.1000	24.5	25.0	-2.1	20.0
Cyclohexane	Ave	0.6006	0.6765	0.1000	28.2	25.0	12.6	20.0
Carbon tetrachloride	Ave	0.3181	0.2908	0.1000	22.9	25.0	-8.6	20.0
1,1-Dichloropropene	Ave	0.3662	0.3776		25.8	25.0	3.1	20.0
Benzene	Ave	1.111	1.088	0.5000	24.5	25.0	-2.1	20.0
1,2-Dichloroethane	Ave	0.4427	0.4705	0.1000	26.6	25.0	6.3	20.0
Isobutyl alcohol	Ave	0.0180	0.0155		537	625	-14.0	20.0
n-Heptane	Ave	0.6105	0.6990		28.6	25.0	14.5	20.0
Trichloroethene	Ave	0.2820	0.2803	0.2000	24.8	25.0	-0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192459/2 Calibration Date: 07/11/2014 22:29

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3207.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
Methylcyclohexane	Ave	0.4892	0.4866	0.1000	24.9	25.0	-0.5	20.0
1,2-Dichloropropane	Ave	0.3118	0.3150	0.1000	25.3	25.0	1.0	20.0
Dibromomethane	Ave	0.1857	0.1827	0.1000	24.6	25.0	-1.6	20.0
1,4-Dioxane	Ave	0.0047	0.0049		519	500	3.7	20.0
Bromodichloromethane	Ave	0.3176	0.3261	0.2000	25.7	25.0	2.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1968	0.2076		26.4	25.0	5.5	20.0
cis-1,3-Dichloropropene	Ave	0.4296	0.3968	0.2000	23.1	25.0	-7.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5827	0.6699	0.1000	144	125	15.0	20.0
Toluene	Ave	0.9248	0.9057	0.4000	24.5	25.0	-2.1	20.0
trans-1,3-Dichloropropene	Ave	0.4652	0.4464	0.1000	24.0	25.0	-4.1	20.0
Ethyl methacrylate	Ave	0.4920	0.4403		22.4	25.0	-10.5	20.0
1,1,2-Trichloroethane	Ave	0.2824	0.2832	0.1000	25.1	25.0	0.3	20.0
Tetrachloroethene	Ave	0.3817	0.3829	0.2000	25.1	25.0	0.3	20.0
1,3-Dichloropropane	Ave	0.6033	0.5868		24.3	25.0	-2.7	20.0
2-Hexanone	Ave	0.4118	0.4903	0.1000	149	125	19.1	20.0
Dibromochloromethane	Ave	0.2877	0.2778	0.1000	24.1	25.0	-3.5	20.0
1,2-Dibromoethane	Ave	0.3455	0.3236		23.4	25.0	-6.3	20.0
Chlorobenzene	Ave	1.022	1.026	0.5000	25.1	25.0	0.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3001	0.2866		23.9	25.0	-4.5	20.0
Ethylbenzene	Ave	1.775	1.780	0.1000	25.1	25.0	0.2	20.0
m,p-Xylene	Ave	0.6957	0.6971	0.1000	25.0	25.0	0.2	20.0
o-Xylene	Ave	0.6738	0.6688	0.3000	24.8	25.0	-0.7	20.0
Styrene	Ave	1.173	1.168	0.3000	24.9	25.0	-0.4	20.0
Bromoform	Ave	0.1571	0.1490	0.1000	23.7	25.0	-5.2	20.0
Isopropylbenzene	Ave	3.444	3.373	0.1000	24.5	25.0	-2.1	20.0
Bromobenzene	Ave	0.8233	0.8037		24.4	25.0	-2.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8891	0.8692	0.3000	24.4	25.0	-2.2	20.0
N-Propylbenzene	Ave	4.160	4.069		24.5	25.0	-2.2	20.0
1,2,3-Trichloropropane	Ave	0.2838	0.2713		23.9	25.0	-4.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2851	0.2774		24.3	25.0	-2.7	20.0
2-Chlorotoluene	Ave	0.8082	0.7777		24.1	25.0	-3.8	20.0
1,3,5-Trimethylbenzene	Ave	2.893	2.816		24.3	25.0	-2.7	20.0
4-Chlorotoluene	Ave	2.774	2.713		24.4	25.0	-2.2	20.0
tert-Butylbenzene	Ave	0.6380	0.6081		23.8	25.0	-4.7	20.0
1,2,4-Trimethylbenzene	Ave	2.979	2.971		24.9	25.0	-0.3	20.0
sec-Butylbenzene	Ave	3.757	3.783		25.2	25.0	0.7	20.0
1,3-Dichlorobenzene	Ave	1.653	1.593	0.6000	24.1	25.0	-3.6	20.0
4-Isopropyltoluene	Ave	3.183	3.269		25.7	25.0	2.7	20.0
1,4-Dichlorobenzene	Ave	1.677	1.643	0.5000	24.5	25.0	-2.0	20.0
n-Butylbenzene	Ave	2.956	3.044		25.7	25.0	3.0	20.0
1,2-Dichlorobenzene	Ave	1.573	1.582	0.4000	25.2	25.0	0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192459/2 Calibration Date: 07/11/2014 22:29

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3207.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1255	0.1106	0.0500	22.0	25.0	-11.9	20.0
1,2,4-Trichlorobenzene	Ave	0.9927	0.9921	0.2000	25.0	25.0	-0.0	20.0
Hexachlorobutadiene	Ave	0.4634	0.4563		24.6	25.0	-1.6	20.0
Naphthalene	Ave	2.679	2.555		23.8	25.0	-4.6	20.0
1,2,3-Trichlorobenzene	Ave	0.9171	0.9012		24.6	25.0	-1.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2530	0.2646		26.2	25.0	4.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3184	0.3508		27.5	25.0	10.2	20.0
Toluene-d8 (Surr)	Ave	1.262	1.288		25.5	25.0	2.1	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3719	0.3715		25.0	25.0	-0.1	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3207.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Jul-2014 22:29:30 ALS Bottle#: 8 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0033721-002
Operator ID: gtg Instrument ID: HP5975T
Sublist: chrom-T-8260*sub48

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 11-Jul-2014 22:45:36 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: goliszekg Date: 11-Jul-2014 22:45:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.000	97	455809	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	87	345564	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	92	185940	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	56	120627	25.0	26.2	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	159893	25.0	27.5	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	93	445146	25.0	25.5	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	89	128377	25.0	25.0	
11 Dichlorodifluoromethane	85	0.905	0.905	0.000	86	114435	25.0	22.1	
13 Chloromethane	50	1.019	1.019	0.000	89	180337	25.0	25.4	
14 Vinyl chloride	62	1.102	1.102	0.000	84	135308	25.0	22.2	
151 Butadiene	54	1.113	1.113	0.000	97	157763	25.0	25.6	
15 Bromomethane	94	1.320	1.320	0.000	95	72219	25.0	30.4	
16 Chloroethane	64	1.382	1.382	0.000	95	97288	25.0	31.2	
17 Trichlorofluoromethane	101	1.548	1.548	0.000	84	167760	25.0	25.3	
18 Dichlorofluoromethane	67	1.558	1.558	0.000	78	170890	25.0	26.5	
19 Ethyl ether	59	1.796	1.796	0.000	96	127335	25.0	24.6	
21 Acrolein	56	1.952	1.952	0.000	96	106071	125.0	119.7	
20 1,1,2-Trichloro-1,2,2-trif	101	1.962	1.962	0.000	82	111883	25.0	24.2	
22 1,1-Dichloroethene	96	1.962	1.962	0.000	82	93586	25.0	22.3	
24 Iodomethane	142	2.107	2.107	0.000	97	201269	25.0	25.5	
23 Acetone	43	2.107	2.107	0.000	97	340867	125.0	140.7	
25 Carbon disulfide	76	2.128	2.128	0.000	98	407457	25.0	25.1	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	83	273609	25.0	27.0	
28 Methyl acetate	43	2.366	2.366	0.000	100	787937	125.0	140.2	
30 Methylene Chloride	84	2.429	2.429	0.000	88	132242	25.0	25.8	
33 Methyl tert-butyl ether	73	2.636	2.636	0.000	87	391445	25.0	24.9	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	89	128839	25.0	24.4	
31 2-Methyl-2-propanol	59	2.636	2.636	0.000	41	176273	250.0	225.2	
34 Acrylonitrile	53	2.708	2.708	0.000	97	705570	250.0	274.5	
35 Hexane	57	2.802	2.802	0.000	97	261419	25.0	27.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.000	86	264943	25.0	25.7	
39 Vinyl acetate	43	3.071	3.071	0.000	97	578891	50.0	52.4	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	82	138165	25.0	23.8	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	71	133149	25.0	24.0	
44 2-Butanone (MEK)	43	3.527	3.527	0.000	97	523259	125.0	146.9	
47 Chlorobromomethane	128	3.672	3.672	0.000	86	70537	25.0	25.1	
48 Tetrahydrofuran	42	3.703	3.703	0.000	94	140191	50.0	57.5	
50 Chloroform	83	3.734	3.734	0.000	82	226417	25.0	25.0	
52 Cyclohexane	56	3.817	3.817	0.000	98	308370	25.0	28.2	
51 1,1,1-Trichloroethane	97	3.817	3.817	0.000	90	174472	25.0	24.5	
53 Carbon tetrachloride	117	3.931	3.931	0.000	79	132527	25.0	22.9	
54 1,1-Dichloropropene	75	3.942	3.942	0.000	84	172124	25.0	25.8	
55 Benzene	78	4.118	4.118	0.000	93	495727	25.0	24.5	
57 1,2-Dichloroethane	62	4.170	4.170	0.000	89	214458	25.0	26.6	
56 Isobutyl alcohol	43	4.170	4.170	0.000	78	176640	625.0	537.2	
59 n-Heptane	43	4.263	4.263	0.000	97	318628	25.0	28.6	
60 Trichloroethene	95	4.605	4.605	0.000	89	127742	25.0	24.8	
62 Methylcyclohexane	83	4.688	4.688	0.000	95	221801	25.0	24.9	
63 1,2-Dichloropropane	63	4.802	4.802	0.000	84	143598	25.0	25.3	
65 Dibromomethane	93	4.905	4.905	0.000	85	83291	25.0	24.6	
66 1,4-Dioxane	88	4.926	4.926	0.000	92	33848	500.0	518.6	
67 Dichlorobromomethane	83	5.030	5.030	0.000	89	148625	25.0	25.7	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	90	94605	25.0	26.4	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	82	180876	25.0	23.1	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	98	1157542	125.0	143.7	
73 Toluene	92	5.569	5.569	0.000	97	312967	25.0	24.5	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	91	154245	25.0	24.0	
77 Ethyl methacrylate	69	5.838	5.838	0.000	89	152140	25.0	22.4	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	89	97850	25.0	25.1	
79 Tetrachloroethene	166	5.962	5.962	0.000	81	132298	25.0	25.1	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	93	202766	25.0	24.3	
81 2-Hexanone	43	6.118	6.118	0.000	98	847155	125.0	148.8	
82 Chlorodibromomethane	129	6.222	6.222	0.000	87	95980	25.0	24.1	
83 Ethylene Dibromide	107	6.294	6.294	0.000	97	111825	25.0	23.4	
86 Chlorobenzene	112	6.657	6.657	0.000	93	354608	25.0	25.1	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	39	99034	25.0	23.9	
88 Ethylbenzene	91	6.729	6.729	0.000	98	615004	25.0	25.1	
90 m-Xylene & p-Xylene	106	6.812	6.812	0.000	0	240879	25.0	25.0	
91 o-Xylene	106	7.133	7.133	0.000	98	231097	25.0	24.8	
92 Styrene	104	7.154	7.154	0.000	93	403672	25.0	24.9	
93 Bromoform	173	7.330	7.330	0.000	92	51475	25.0	23.7	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	627090	25.0	24.5	
97 Bromobenzene	156	7.672	7.672	0.000	93	149433	25.0	24.4	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	89	161625	25.0	24.4	
99 N-Propylbenzene	91	7.745	7.745	0.000	98	756654	25.0	24.5	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	85	50449	25.0	23.9	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	69	51579	25.0	24.3	
105 2-Chlorotoluene	126	7.828	7.828	0.000	95	144610	25.0	24.1	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	94	523529	25.0	24.3	
102 4-Chlorotoluene	91	7.911	7.911	0.000	99	504402	25.0	24.4	
106 tert-Butylbenzene	134	8.149	8.149	0.000	90	113060	25.0	23.8	
107 1,2,4-Trimethylbenzene	105	8.190	8.190	0.000	98	552335	25.0	24.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.000	95	703350	25.0	25.2	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	97	296178	25.0	24.1	
111 4-Isopropyltoluene	119	8.450	8.450	0.000	98	607862	25.0	25.7	
113 1,4-Dichlorobenzene	146	8.501	8.501	0.000	92	305472	25.0	24.5	
115 n-Butylbenzene	91	8.781	8.781	0.000	97	565909	25.0	25.7	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	94	294227	25.0	25.2	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	68	20557	25.0	22.0	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	93	184477	25.0	25.0	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	91	84835	25.0	24.6	
121 Naphthalene	128	10.336	10.336	0.000	98	475095	25.0	23.8	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.000	93	167569	25.0	24.6	
S 125 Total BTEX	1				0			123.9	
S 126 Xylenes, Total	1				0			49.9	
S 123 1,3-Dichloropropene, Total	1				0			47.1	
S 124 1,2-Dichloroethene, Total	1				0			48.4	

Reagents:

GAS CORP mix_00036	Amount Added:	12.50	Units: uL	
8260 CORP mix_00015	Amount Added:	12.50	Units: uL	
T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

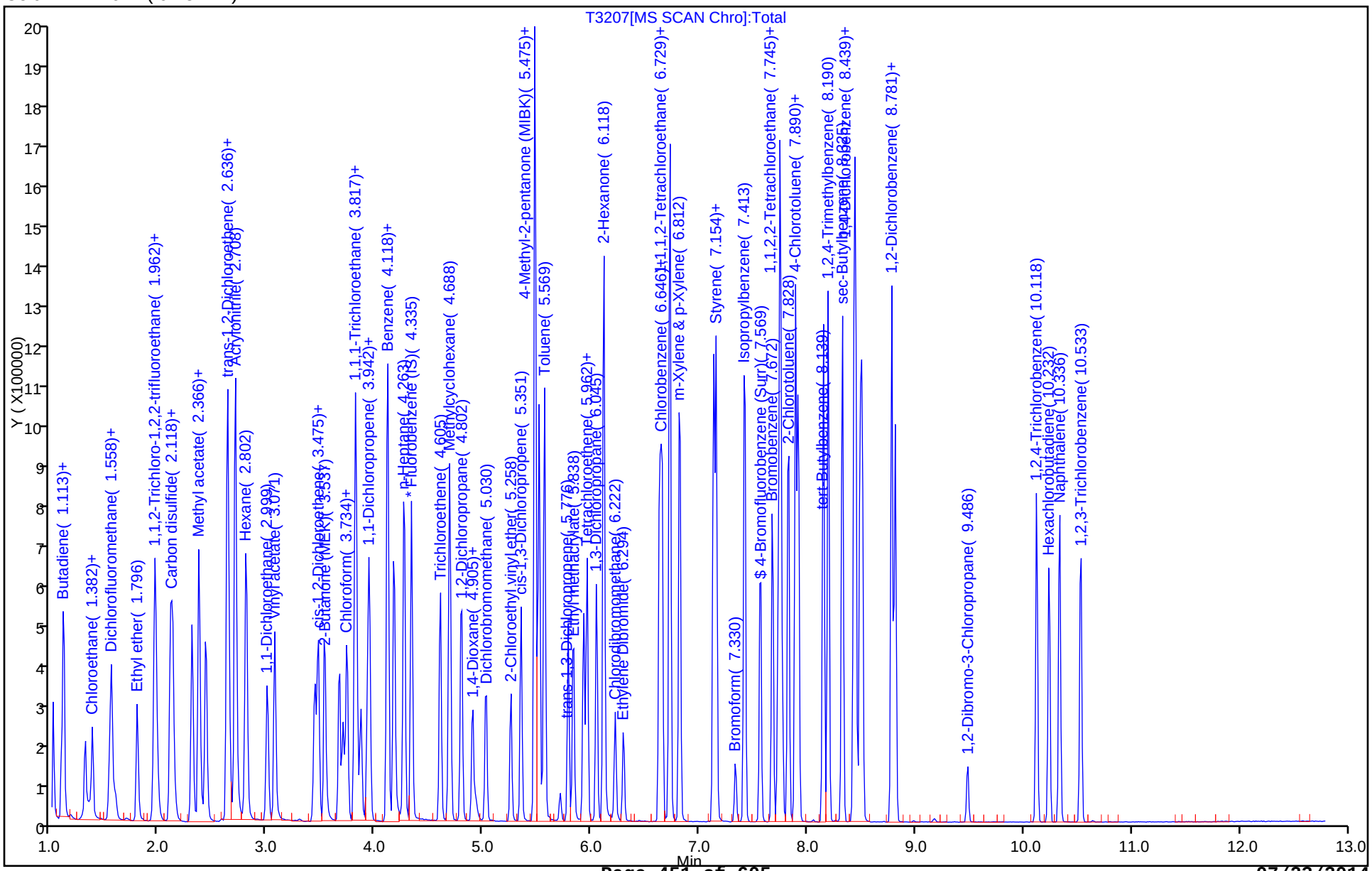
Report Date: 11-Jul-2014 22:45:36 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3207.D

Injection Date:	11-Jul-2014 22:29:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192725/5 Calibration Date: 07/14/2014 18:13

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3254.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	0.2835	0.1766	0.1000	15.6	25.0	-37.7*	20.0
Chloromethane	Ave	0.3892	0.3632	0.1000	23.3	25.0	-6.7	20.0
Vinyl chloride	Ave	0.3343	0.2772	0.1000	20.7	25.0	-17.1	20.0
Butadiene	Ave	0.3376	0.2908		21.5	25.0	-13.9	20.0
Bromomethane	Ave	0.1303	0.1459	0.1000	28.0	25.0	11.9	20.0
Chloroethane	Ave	0.1713	0.1988	0.1000	29.0	25.0	16.0	20.0
Trichlorofluoromethane	Ave	0.3632	0.3362	0.1000	23.1	25.0	-7.4	20.0
Dichlorofluoromethane	Ave	0.3531	0.3567		25.3	25.0	1.0	20.0
Ethyl ether	Ave	0.2840	0.2512		22.1	25.0	-11.6	20.0
Acrolein	Ave	0.0486	0.0430		110	125	-11.6	20.0
1,1-Dichloroethene	Ave	0.2298	0.1980	0.1000	21.5	25.0	-13.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2531	0.2191	0.1000	21.6	25.0	-13.4	20.0
Acetone	Ave	0.1329	0.1426	0.1000	134	125	7.3	20.0
Iodomethane	Ave	0.4335	0.4396		25.3	25.0	1.4	20.0
Carbon disulfide	Ave	0.8903	0.8525	0.1000	23.9	25.0	-4.2	20.0
Allyl chloride	Ave	0.5564	0.5407		24.3	25.0	-2.8	20.0
Methyl acetate	Ave	0.3082	0.3032	0.1000	123	125	-1.6	20.0
Methylene Chloride	Lin1		0.2800	0.1000	24.8	25.0	-0.7	20.0
2-Methyl-2-propanol	Ave	0.0429	0.0245		142	250	-43.0*	20.0
Methyl tert-butyl ether	Ave	0.8612	0.7977	0.1000	23.2	25.0	-7.4	20.0
trans-1,2-Dichloroethene	Ave	0.2895	0.2724	0.1000	23.5	25.0	-5.9	20.0
Acrylonitrile	Ave	0.1410	0.1465		260	250	3.9	20.0
Hexane	Ave	0.5308	0.4960		23.4	25.0	-6.6	20.0
1,1-Dichloroethane	Ave	0.5648	0.5742	0.2000	25.4	25.0	1.7	20.0
Vinyl acetate	Ave	0.6063	0.4799		39.6	50.0	-20.9*	20.0
2,2-Dichloropropane	Ave	0.3190	0.2266		17.8	25.0	-29.0*	20.0
cis-1,2-Dichloroethene	Ave	0.3049	0.2980	0.1000	24.4	25.0	-2.2	20.0
2-Butanone (MEK)	Ave	0.1954	0.2155	0.1000	138	125	10.3	20.0
Chlorobromomethane	Ave	0.1541	0.1467		23.8	25.0	-4.8	20.0
Tetrahydrofuran	Ave	0.1338	0.1388		51.9	50.0	3.7	20.0
Chloroform	Ave	0.4971	0.4891	0.2000	24.6	25.0	-1.6	20.0
1,1,1-Trichloroethane	Ave	0.3910	0.3277	0.1000	21.0	25.0	-16.2	20.0
Cyclohexane	Ave	0.6006	0.6110	0.1000	25.4	25.0	1.7	20.0
Carbon tetrachloride	Ave	0.3181	0.2351	0.1000	18.5	25.0	-26.1*	20.0
1,1-Dichloropropene	Ave	0.3662	0.3605		24.6	25.0	-1.6	20.0
Benzene	Ave	1.111	1.067	0.5000	24.0	25.0	-3.9	20.0
1,2-Dichloroethane	Ave	0.4427	0.4556	0.1000	25.7	25.0	2.9	20.0
Isobutyl alcohol	Ave	0.0180	0.0110		380	625	-39.3*	20.0
n-Heptane	Ave	0.6105	0.5915		24.2	25.0	-3.1	20.0
Trichloroethene	Ave	0.2820	0.2780	0.2000	24.6	25.0	-1.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192725/5 Calibration Date: 07/14/2014 18:13

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3254.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
Methylcyclohexane	Ave	0.4892	0.4421	0.1000	22.6	25.0	-9.6	20.0
1,2-Dichloropropane	Ave	0.3118	0.3087	0.1000	24.8	25.0	-1.0	20.0
Dibromomethane	Ave	0.1857	0.1793	0.1000	24.1	25.0	-3.4	20.0
1,4-Dioxane	Ave	0.0047	0.0043		452	500	-9.7	20.0
Bromodichloromethane	Ave	0.3176	0.2977	0.2000	23.4	25.0	-6.3	20.0
2-Chloroethyl vinyl ether	Ave	0.1968	0.1905		24.2	25.0	-3.2	20.0
cis-1,3-Dichloropropene	Ave	0.4296	0.3388	0.2000	19.7	25.0	-21.1*	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5827	0.6250	0.1000	134	125	7.3	20.0
Toluene	Ave	0.9248	0.8609	0.4000	23.3	25.0	-6.9	20.0
trans-1,3-Dichloropropene	Ave	0.4652	0.3553	0.1000	19.1	25.0	-23.6*	20.0
Ethyl methacrylate	Ave	0.4920	0.3430		17.4	25.0	-30.3*	20.0
1,1,2-Trichloroethane	Ave	0.2824	0.2642	0.1000	23.4	25.0	-6.5	20.0
Tetrachloroethene	Ave	0.3817	0.3660	0.2000	24.0	25.0	-4.1	20.0
1,3-Dichloropropane	Ave	0.6033	0.5559		23.0	25.0	-7.9	20.0
2-Hexanone	Ave	0.4118	0.4591	0.1000	139	125	11.5	20.0
Dibromochloromethane	Ave	0.2877	0.2427	0.1000	21.1	25.0	-15.7	20.0
1,2-Dibromoethane	Ave	0.3455	0.2623		19.0	25.0	-24.1*	20.0
Chlorobenzene	Ave	1.022	0.9705	0.5000	23.7	25.0	-5.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3001	0.2345		19.5	25.0	-21.8*	20.0
Ethylbenzene	Ave	1.775	1.699	0.1000	23.9	25.0	-4.3	20.0
m,p-Xylene	Ave	0.6957	0.6639	0.1000	23.9	25.0	-4.6	20.0
o-Xylene	Ave	0.6738	0.6463	0.3000	24.0	25.0	-4.1	20.0
Styrene	Ave	1.173	1.124	0.3000	23.9	25.0	-4.2	20.0
Bromoform	Ave	0.1571	0.1282	0.1000	20.4	25.0	-18.4	20.0
Isopropylbenzene	Ave	3.444	3.259	0.1000	23.7	25.0	-5.4	20.0
Bromobenzene	Ave	0.8233	0.7639		23.2	25.0	-7.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8891	0.8058	0.3000	22.7	25.0	-9.4	20.0
N-Propylbenzene	Ave	4.160	3.896		23.4	25.0	-6.4	20.0
1,2,3-Trichloropropane	Ave	0.2838	0.2548		22.4	25.0	-10.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2851	0.2804		24.6	25.0	-1.6	20.0
2-Chlorotoluene	Ave	0.8082	0.7467		23.1	25.0	-7.6	20.0
1,3,5-Trimethylbenzene	Ave	2.893	2.683		23.2	25.0	-7.2	20.0
4-Chlorotoluene	Ave	2.774	2.634		23.7	25.0	-5.0	20.0
tert-Butylbenzene	Ave	0.6380	0.6115		24.0	25.0	-4.2	20.0
1,2,4-Trimethylbenzene	Ave	2.979	2.879		24.2	25.0	-3.3	20.0
sec-Butylbenzene	Ave	3.757	3.630		24.2	25.0	-3.4	20.0
1,3-Dichlorobenzene	Ave	1.653	1.541	0.6000	23.3	25.0	-6.7	20.0
4-Isopropyltoluene	Ave	3.183	3.137		24.6	25.0	-1.4	20.0
1,4-Dichlorobenzene	Ave	1.677	1.597	0.5000	23.8	25.0	-4.8	20.0
n-Butylbenzene	Ave	2.956	2.932		24.8	25.0	-0.8	20.0
1,2-Dichlorobenzene	Ave	1.573	1.518	0.4000	24.1	25.0	-3.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192725/5 Calibration Date: 07/14/2014 18:13

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3254.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1255	0.0899	0.0500	17.9	25.0	-28.3*	20.0
1,2,4-Trichlorobenzene	Ave	0.9927	0.9703	0.2000	24.4	25.0	-2.3	20.0
Hexachlorobutadiene	Ave	0.4634	0.4541		24.5	25.0	-2.0	20.0
Naphthalene	Ave	2.679	2.486		23.2	25.0	-7.2	20.0
1,2,3-Trichlorobenzene	Ave	0.9171	0.8844		24.1	25.0	-3.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2530	0.2640		26.1	25.0	4.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3184	0.3435		27.0	25.0	7.9	20.0
Toluene-d8 (Surr)	Ave	1.262	1.257		24.9	25.0	-0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3719	0.3726		25.0	25.0	0.2	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3254.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Jul-2014 18:13:30 ALS Bottle#: 55 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0033765-005
Operator ID: gtg Instrument ID: HP5975T
Sublist: chrom-T-8260*sub48

Method: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 14-Jul-2014 20:16:15 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: goliszekg Date: 14-Jul-2014 18:57:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.336	0.000	97	473514	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.626	6.626	0.000	90	354746	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	189852	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	91	125002	25.0	26.1	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	162666	25.0	27.0	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	95	445825	25.0	24.9	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	91	132177	25.0	25.0	
11 Dichlorodifluoromethane	85	0.916	0.916	0.000	98	83615	25.0	15.6	
13 Chloromethane	50	1.030	1.030	0.000	99	171984	25.0	23.3	
14 Vinyl chloride	62	1.102	1.102	0.000	97	131258	25.0	20.7	
151 Butadiene	54	1.123	1.123	0.000	96	137696	25.0	21.5	
15 Bromomethane	94	1.320	1.320	0.000	95	69061	25.0	28.0	
16 Chloroethane	64	1.382	1.382	0.000	95	94117	25.0	29.0	
17 Trichlorofluoromethane	101	1.548	1.548	0.000	97	159201	25.0	23.1	
18 Dichlorofluoromethane	67	1.558	1.558	0.000	96	168894	25.0	25.3	
19 Ethyl ether	59	1.797	1.797	0.000	94	118921	25.0	22.1	
21 Acrolein	56	1.952	1.952	0.000	99	101707	125.0	110.5	
22 1,1-Dichloroethene	96	1.962	1.962	0.000	91	93755	25.0	21.5	
20 1,1,2-Trichloro-1,2,2-trif	101	1.973	1.973	0.000	95	103742	25.0	21.6	
24 Iodomethane	142	2.107	2.107	0.000	99	208137	25.0	25.3	
23 Acetone	43	2.107	2.107	0.000	98	337666	125.0	134.2	
25 Carbon disulfide	76	2.128	2.128	0.000	98	403655	25.0	23.9	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	84	256030	25.0	24.3	
28 Methyl acetate	43	2.367	2.367	0.000	100	717883	125.0	123.0	
30 Methylene Chloride	84	2.439	2.439	0.000	92	132592	25.0	24.8	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	92	128968	25.0	23.5	
31 2-Methyl-2-propanol	59	2.636	2.636	0.000	37	115879	250.0	142.5	
33 Methyl tert-butyl ether	73	2.636	2.636	0.000	93	377729	25.0	23.2	
34 Acrylonitrile	53	2.709	2.709	0.000	96	693444	250.0	259.7	
35 Hexane	57	2.802	2.802	0.000	97	234880	25.0	23.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	2.999	2.999	0.000	97	271909	25.0	25.4	
39 Vinyl acetate	43	3.071	3.071	0.000	97	454439	50.0	39.6	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	74	107290	25.0	17.8	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	84	141123	25.0	24.4	
44 2-Butanone (MEK)	43	3.527	3.527	0.000	97	510143	125.0	137.8	
47 Chlorobromomethane	128	3.672	3.672	0.000	89	69458	25.0	23.8	
48 Tetrahydrofuran	42	3.703	3.703	0.000	92	131446	50.0	51.9	
50 Chloroform	83	3.734	3.734	0.000	95	231613	25.0	24.6	
51 1,1,1-Trichloroethane	97	3.817	3.817	0.000	97	155158	25.0	21.0	
52 Cyclohexane	56	3.817	3.817	0.000	98	289319	25.0	25.4	
53 Carbon tetrachloride	117	3.931	3.931	0.000	96	111299	25.0	18.5	
54 1,1-Dichloropropene	75	3.942	3.942	0.000	88	170697	25.0	24.6	
55 Benzene	78	4.118	4.118	0.000	93	505128	25.0	24.0	
57 1,2-Dichloroethane	62	4.170	4.170	0.000	95	215710	25.0	25.7	
56 Isobutyl alcohol	43	4.170	4.170	0.000	65	129669	625.0	379.6	
59 n-Heptane	43	4.263	4.263	0.000	97	280093	25.0	24.2	
60 Trichloroethene	95	4.605	4.605	0.000	93	131635	25.0	24.6	
62 Methylcyclohexane	83	4.688	4.688	0.000	95	209349	25.0	22.6	
63 1,2-Dichloropropane	63	4.792	4.792	0.000	86	146182	25.0	24.8	
65 Dibromomethane	93	4.895	4.895	0.000	94	84903	25.0	24.1	
66 1,4-Dioxane	88	4.926	4.926	0.000	92	30264	500.0	451.7	
67 Dichlorobromomethane	83	5.020	5.020	0.000	95	140962	25.0	23.4	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	91	90213	25.0	24.2	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	86	160427	25.0	19.7	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	98	1108648	125.0	134.1	
73 Toluene	92	5.569	5.569	0.000	96	305393	25.0	23.3	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	94	126037	25.0	19.1	
77 Ethyl methacrylate	69	5.838	5.838	0.000	93	121671	25.0	17.4	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	94	93712	25.0	23.4	
79 Tetrachloroethene	166	5.963	5.963	0.000	93	129842	25.0	24.0	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	95	197202	25.0	23.0	
81 2-Hexanone	43	6.118	6.118	0.000	98	814275	125.0	139.4	
82 Chlorodibromomethane	129	6.222	6.222	0.000	88	86080	25.0	21.1	
83 Ethylene Dibromide	107	6.294	6.294	0.000	98	93033	25.0	19.0	
86 Chlorobenzene	112	6.657	6.657	0.000	92	344284	25.0	23.7	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	42	83201	25.0	19.5	
88 Ethylbenzene	91	6.729	6.729	0.000	98	602644	25.0	23.9	
90 m-Xylene & p-Xylene	106	6.812	6.812	0.000	0	235528	25.0	23.9	
91 o-Xylene	106	7.134	7.134	0.000	97	229282	25.0	24.0	
92 Styrene	104	7.154	7.154	0.000	94	398710	25.0	23.9	
93 Bromoform	173	7.330	7.330	0.000	93	45459	25.0	20.4	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	618717	25.0	23.7	
97 Bromobenzene	156	7.672	7.672	0.000	95	145034	25.0	23.2	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	93	152973	25.0	22.7	
99 N-Propylbenzene	91	7.745	7.745	0.000	99	739581	25.0	23.4	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	94	48370	25.0	22.4	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	69	53241	25.0	24.6	
105 2-Chlorotoluene	126	7.828	7.828	0.000	95	141756	25.0	23.1	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	95	509421	25.0	23.2	
102 4-Chlorotoluene	91	7.911	7.911	0.000	98	500164	25.0	23.7	
106 tert-Butylbenzene	134	8.149	8.149	0.000	96	116098	25.0	24.0	
107 1,2,4-Trimethylbenzene	105	8.191	8.191	0.000	98	546646	25.0	24.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	8.325	8.325	0.000	95	689146	25.0	24.2	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	97	292654	25.0	23.3	
111 4-Isopropyltoluene	119	8.450	8.450	0.000	98	595605	25.0	24.6	
113 1,4-Dichlorobenzene	146	8.501	8.501	0.000	93	303191	25.0	23.8	
115 n-Butylbenzene	91	8.781	8.781	0.000	98	556583	25.0	24.8	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	96	288153	25.0	24.1	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	68	17073	25.0	17.9	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	94	184220	25.0	24.4	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	94	86214	25.0	24.5	
121 Naphthalene	128	10.336	10.336	0.000	98	472005	25.0	23.2	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.000	94	167906	25.0	24.1	
S 125 Total BTEX	1				0			119.0	
S 126 Xylenes, Total	1				0			47.8	
S 123 1,3-Dichloropropene, Total	1				0			38.8	
S 124 1,2-Dichloroethene, Total	1				0			48.0	

Reagents:

GAS CORP mix_00036	Amount Added: 12.50	Units: uL	
8260 CORP mix_00016	Amount Added: 12.50	Units: uL	
T_8260_IS_00080	Amount Added: 1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added: 1.00	Units: uL	Run Reagent

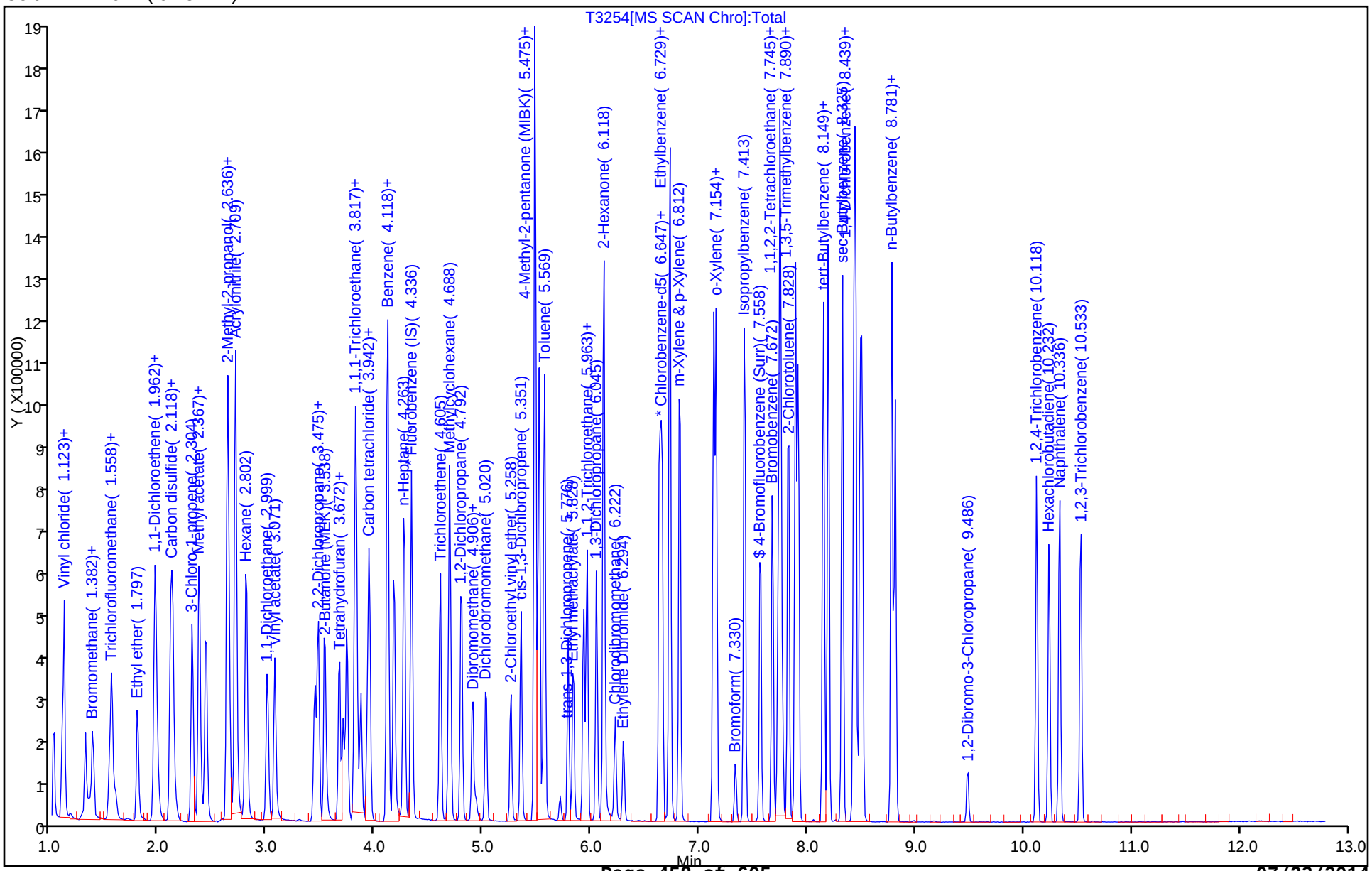
Report Date: 14-Jul-2014 20:16:16 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3254.D

Injection Date:	14-Jul-2014 18:13:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	CCVIS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	55
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9378.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 22-Jun-2014 23:37:30 ALS Bottle#: 1 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0033180-003 =480-0033180-003
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 22-Jun-2014 23:21:59 Calib Date: 21-Jun-2014 20:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140621-33172.b\F9370.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: cwiklinc Date: 22-Jun-2014 23:21:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70		5.474					0	
* 2 Chlorobenzene-d5	82		8.297					0	
* 3 1,4-Dichlorobenzene-d4	152		10.627					0	
$ 154 Dibromofluoromethane (Surr	113		4.939					ND	
$ 4 1,2-Dichloroethane-d4 (Sur	67		5.231					ND	
$ 5 Toluene-d8 (Surr)	98		6.849					ND	
$ 6 4-Bromofluorobenzene (Surr	174		9.520					ND	
$ 61 BFB	95	5.643	5.643	0.000	0	28248	NR	NR	

QC Flag Legend

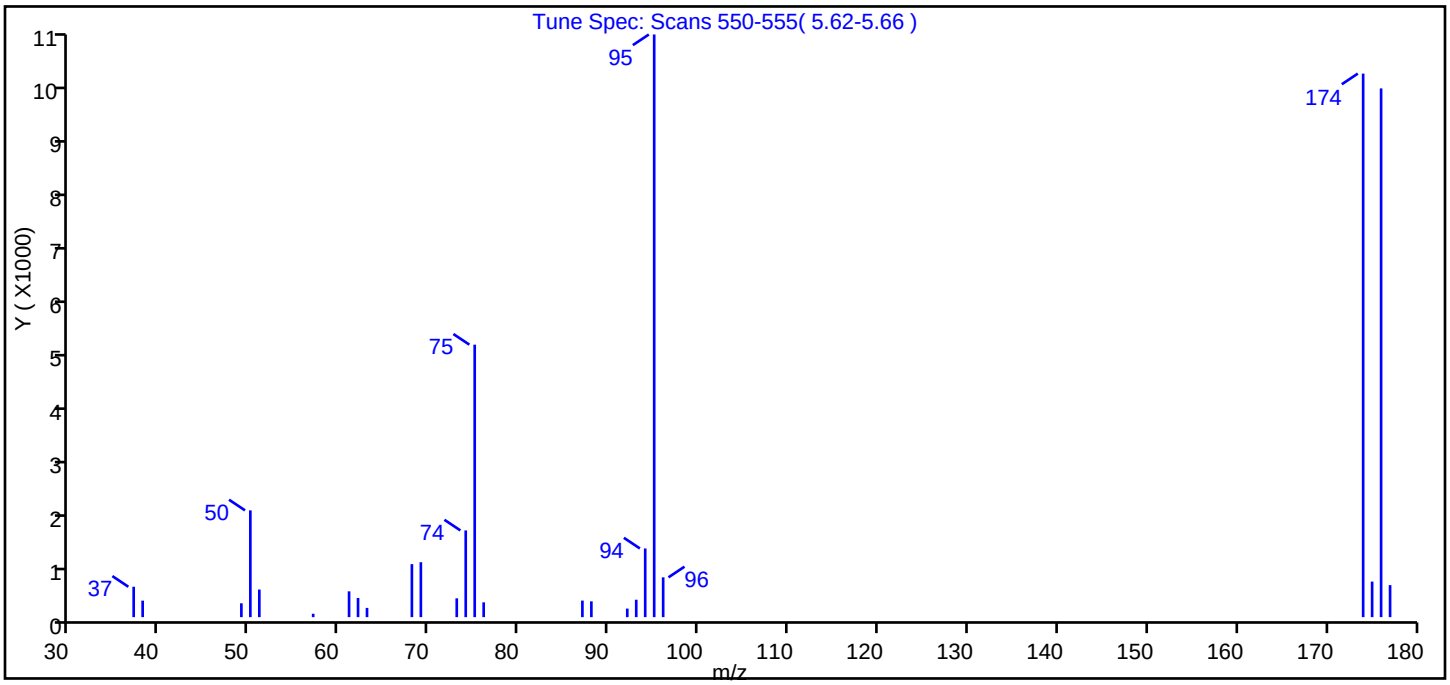
Processing Flags
NR - Missing Quant Standard
ND - Not Detected or Marked ND

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9378.D
Injection Date: 22-Jun-2014 23:37:30 Instrument ID: HP5973F
Lims ID: BFB
Client ID:
Operator ID: CDC ALS Bottle#: 1 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
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	18.30
75	30.00 - 60.00% of mass 95	46.80
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	93.30
175	5.00 - 9.00% of mass 174	6.10 (6.50)
176	95.00 - 101.00% of mass 174	90.70 (97.30)
177	5.00 - 9.00% of mass 176	5.50 (6.10)

Data File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9378.D\F-8260 SOIL.rslt\spectra.d
Injection Date: 22-Jun-2014 23:37:30
Spectrum: Tune Spec: Scans 550-555(5.62-5.66)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 26

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	536	62.00	338	76.00	261	96.00	702
38.00	291	63.00	163	87.00	292	174.00	9585
49.00	244	68.00	935	88.00	279	175.00	627
50.00	1883	69.00	969	92.00	151	176.00	9324
51.00	487	73.00	332	93.00	307	177.00	565
57.00	60	74.00	1529	94.00	1211		
61.00	455	75.00	4805	95.00	10275		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9557.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 28-Jun-2014 09:45:30 ALS Bottle#: 23 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0033377-002 =480-0033377-002
Operator ID: RAS Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 09:27:11 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: sobolr Date: 28-Jun-2014 09:27:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70		5.475					0	
* 2 Chlorobenzene-d5	82		8.297					0	
* 3 1,4-Dichlorobenzene-d4	152		10.627					0	
$ 154 Dibromofluoromethane (Surr	113		4.945					ND	
$ 4 1,2-Dichloroethane-d4 (Sur	67		5.231					ND	
$ 5 Toluene-d8 (Surr)	98		6.849					ND	
$ 6 4-Bromofluorobenzene (Surr	174		9.514					ND	
$ 61 BFB	95	5.661	5.661	0.000	0	38532	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
ND - Not Detected or Marked ND

Reagents:

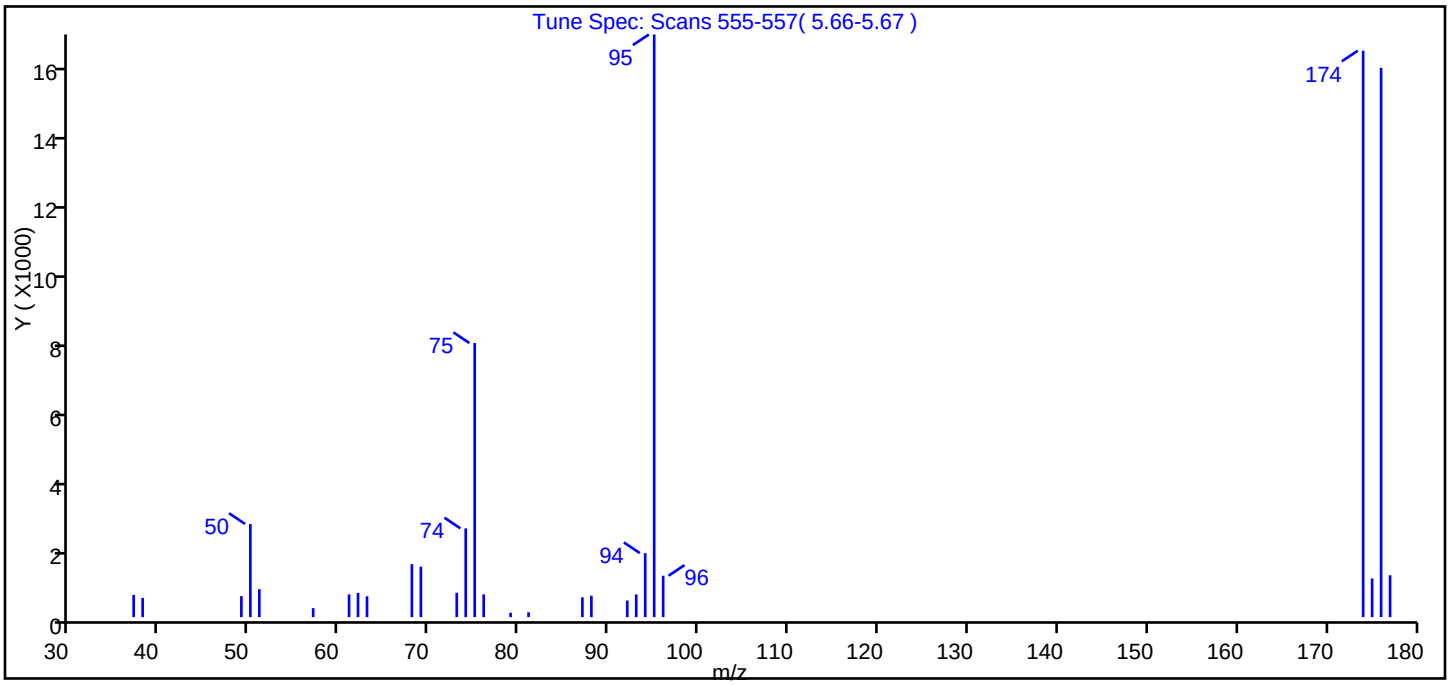
BFB_WRK_00034	Amount Added:	1.00	Units: uL	
F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00242	Amount Added:	1.00	Units: uL	Run Reagent

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9557.D
Injection Date: 28-Jun-2014 09:45:30 Instrument ID: HP5973F
Lims ID: BFB
Client ID:
Operator ID: RAS ALS Bottle#: 23 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
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	16.00
75	30.00 - 60.00% of mass 95	47.00
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	97.20
175	5.00 - 9.00% of mass 174	6.60 (6.80)
176	95.00 - 101.00% of mass 174	94.30 (97.00)
177	5.00 - 9.00% of mass 176	7.20 (7.60)

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9557.D\F-8260 SOIL.rslt\spectra.d
Injection Date: 28-Jun-2014 09:45:30
Spectrum: Tune Spec: Scans 555-557(5.66-5.67)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 28

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	612	62.00	668	76.00	626	94.00	1764
38.00	530	63.00	575	79.00	120	95.00	16052
49.00	579	68.00	1461	81.00	135	96.00	1140
50.00	2568	69.00	1391	87.00	547	174.00	15606
51.00	771	73.00	672	88.00	589	175.00	1066
57.00	249	74.00	2446	92.00	459	176.00	15133
61.00	628	75.00	7552	93.00	627	177.00	1154

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9666.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 02-Jul-2014 16:48:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0033494-001 =480-0033494-001
Operator ID: RAS Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 02-Jul-2014 16:33:14 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: sobolr Date: 02-Jul-2014 16:33:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
$ 61 BFB	95	5.668	5.668	0.000	0	178685	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

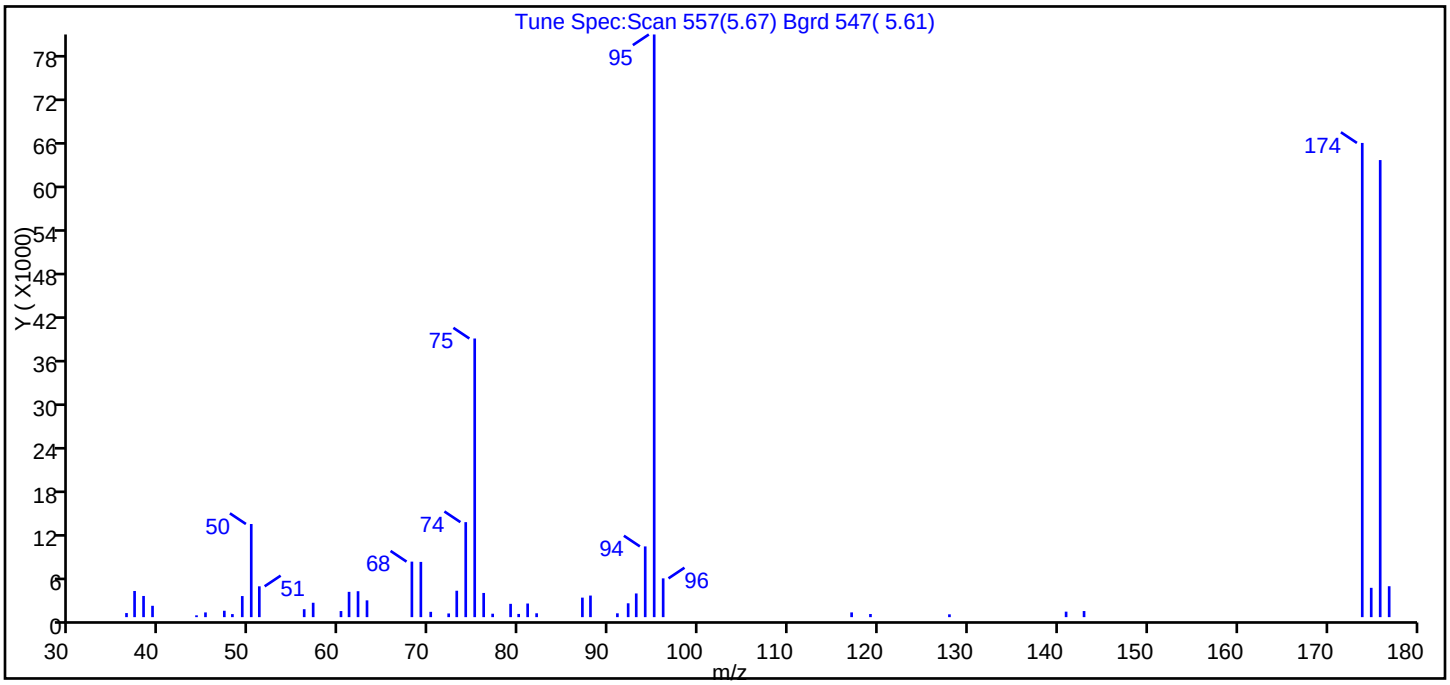
BFB_WRK_00034 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9666.D
Injection Date: 02-Jul-2014 16:48:30 Instrument ID: HP5973F
Lims ID: BFB
Client ID:
Operator ID: RAS ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
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	16.00
75	30.00 - 60.00% of mass 95	47.80
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	81.40
175	5.00 - 9.00% of mass 174	5.00 (6.20)
176	95.00 - 101.00% of mass 174	78.40 (96.40)
177	5.00 - 9.00% of mass 176	5.30 (6.80)

Data File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9666.D\F-8260 SOIL.rslt\spectra.d
Injection Date: 02-Jul-2014 16:48:30
Spectrum: Tune Spec:Scan 557(5.67) Bgrd 547(5.61)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 47

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.20	567	57.00	1995	76.00	3355	95.00	80800
37.10	3628	60.10	845	77.00	477	96.00	5377
38.10	2937	61.00	3508	79.00	1845	117.00	659
39.10	1574	62.00	3597	79.90	446	119.10	433
44.00	251	63.00	2328	80.90	1890	127.90	390
45.00	655	68.00	7699	81.90	535	140.90	762
47.10	887	69.00	7660	87.00	2707	142.90	847
48.00	424	70.10	737	87.90	2994	173.90	65760
49.10	2924	72.10	512	90.90	532	174.90	4066
50.10	12916	73.00	3663	92.10	1922	175.90	63384
51.00	4275	74.00	13174	93.00	3285	176.90	4287
56.00	1101	75.00	38640	94.00	9808		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9725.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Jul-2014 21:26:30 ALS Bottle#: 1 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0033566-002 =480-0033566-002
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Jul-2014 21:09:34 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: cwiklinc Date: 07-Jul-2014 21:09:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
$ 61 BFB	95	5.643	5.643	0.000	0	92853	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

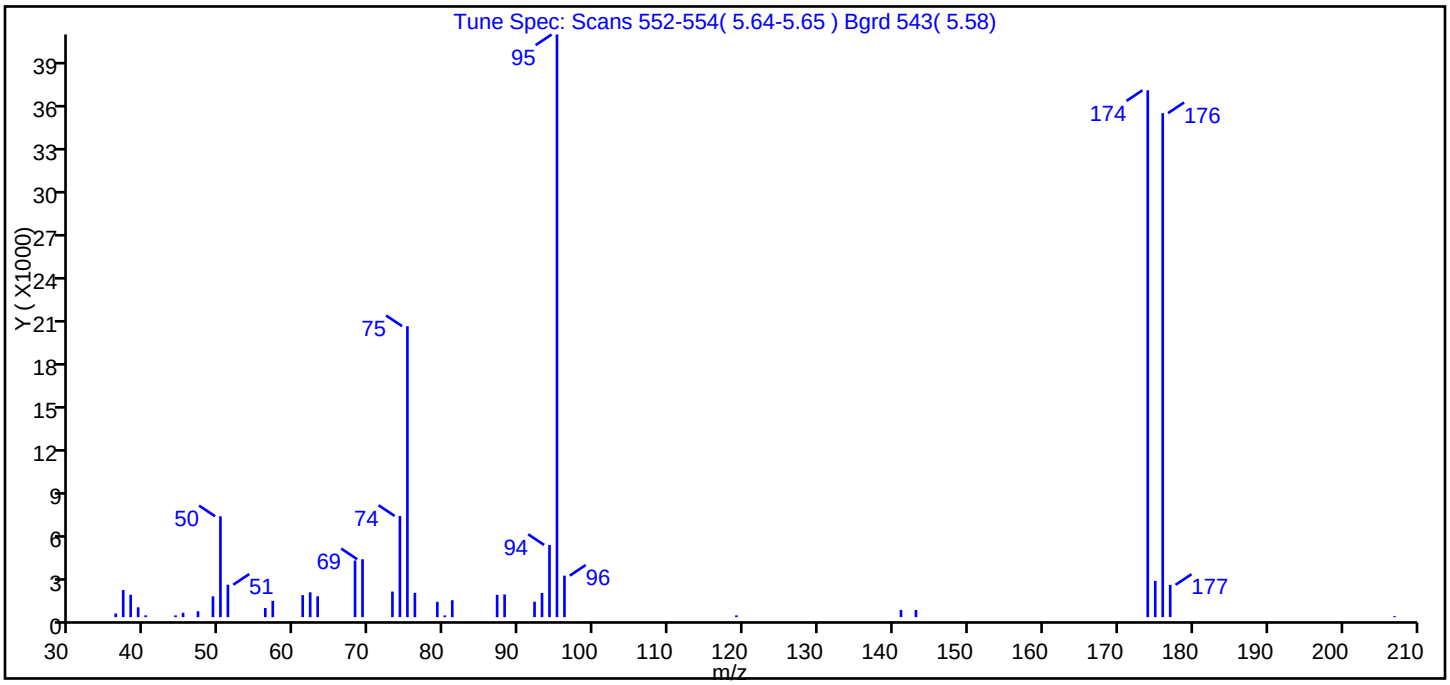
BFB_WRK_00034 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9725.D
Injection Date: 07-Jul-2014 21:26:30 Instrument ID: HP5973F
Lims ID: BFB
Client ID:
Operator ID: CDC ALS Bottle#: 1 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
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	17.30
75	30.00 - 60.00% of mass 95	49.90
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	90.40
175	5.00 - 9.00% of mass 174	6.20 (6.90)
176	95.00 - 101.00% of mass 174	86.50 (95.70)
177	5.00 - 9.00% of mass 176	5.50 (6.40)

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9725.D\F-8260 SOIL.rslt\spectra.d
Injection Date: 07-Jul-2014 21:26:30
Spectrum: Tune Spec: Scans 552-554(5.64-5.65) Bgrd 543(5.58)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 40

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	259	51.00	2274	75.00	20392	95.00	40832
37.00	1898	56.00	641	76.00	1703	96.00	2908
38.00	1571	57.00	1137	79.00	1072	119.00	125
39.00	690	61.00	1542	80.00	122	141.00	508
40.00	126	62.00	1740	81.00	1183	143.00	505
44.00	124	63.00	1464	87.00	1561	174.00	36920
45.00	306	68.00	3970	88.00	1589	175.00	2537
47.00	412	69.00	4057	92.00	1084	176.00	35320
49.00	1458	73.00	1792	93.00	1697	177.00	2263
50.00	7068	74.00	7093	94.00	5059	207.00	71

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39777.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 27-Jun-2014 18:59:30 ALS Bottle#: 97 Worklist Smp#: 4
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0033365-004 =480-0033365-004
Operator ID: NQ Instrument ID: HP5973S

Method: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 16-Jul-2014 22:02:48 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: gigliad Date: 16-Jul-2014 22:02:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 61 BFB	95	3.714	3.714	0.000	0	348751	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

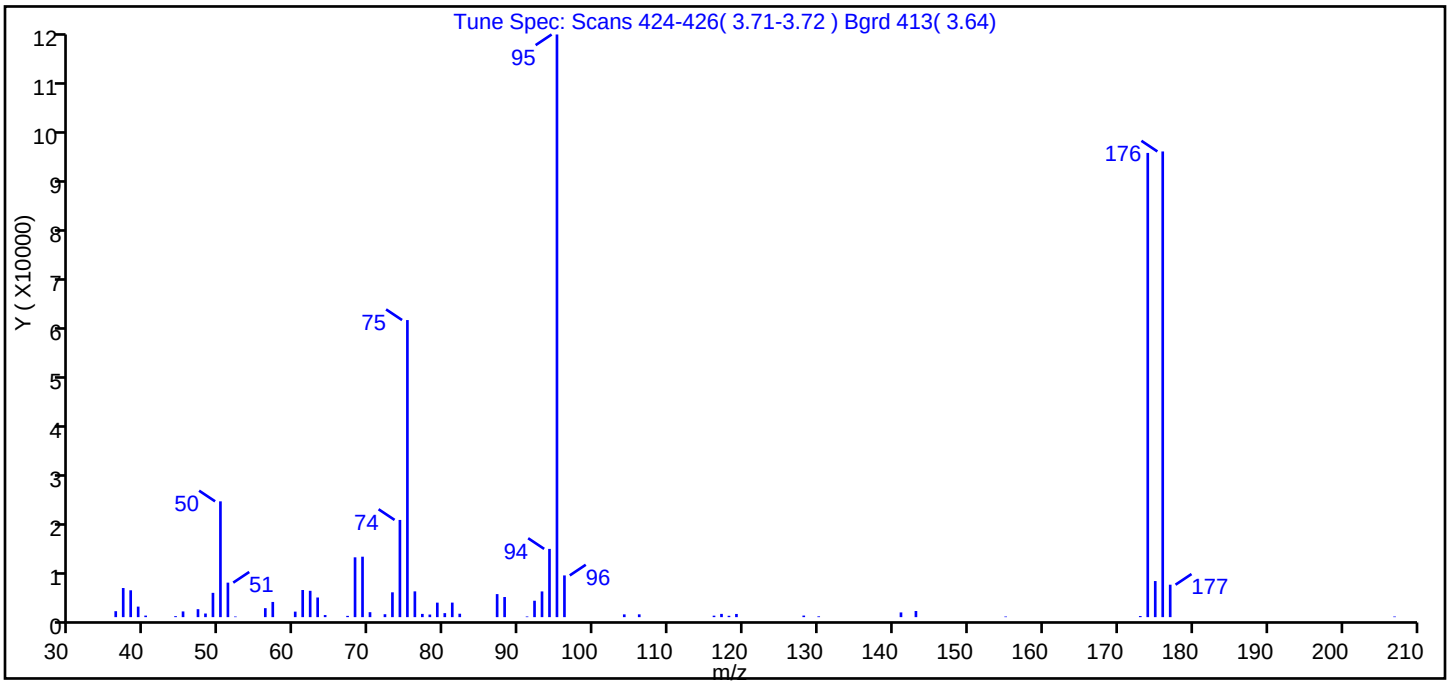
BFB_WRK_00034 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39777.D
Injection Date: 27-Jun-2014 18:59:30 Instrument ID: HP5973S
Lims ID: BFB
Client ID:
Operator ID: NQ ALS Bottle#: 97 Worklist Smp#: 4
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
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	19.90
75	30.00 - 60.00% of mass 95	51.00
96	5.00 - 9.00% of mass 95	7.20
173	Less than 2.00% of mass 174	0.20 (0.20)
174	50.00 - 120.00% of mass 95	79.70
175	5.00 - 9.00% of mass 174	6.20 (7.80)
176	95.00 - 101.00% of mass 174	79.90 (100.30)
177	5.00 - 9.00% of mass 176	5.60 (7.00)

Data File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39777.D\S-8260.rslt\spectra.d
Injection Date: 27-Jun-2014 18:59:30
Spectrum: Tune Spec: Scans 424-426(3.71-3.72) Bgrd 413(3.64)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 60

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1131	60.00	1048	78.00	494	116.00	280
37.00	5527	61.00	5150	79.00	2753	117.00	618
38.00	5097	62.00	5000	80.00	761	118.00	257
39.00	2000	63.00	3729	81.00	2761	119.00	605
40.00	292	64.00	396	82.00	649	128.00	298
44.00	191	67.00	241	87.00	4375	130.00	153
45.00	1087	68.00	11356	88.00	3819	141.00	896
47.00	1512	69.00	11475	91.00	126	143.00	1163
48.00	688	70.00	943	92.00	3115	155.00	117
49.00	4613	72.00	555	93.00	4882	173.00	206
50.00	21984	73.00	4713	94.00	12956	174.00	88128
51.00	6550	74.00	18456	95.00	110616	175.00	6851
52.00	118	75.00	56400	96.00	7921	176.00	88408
56.00	1706	76.00	4895	104.00	526	177.00	6158
57.00	2885	77.00	616	106.00	532	207.00	118

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39965.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Jul-2014 10:14:30 ALS Bottle#: 89 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0033550-002 =480-0033550-002
Operator ID: NQ Instrument ID: HP5973S

Method: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Jul-2014 14:41:52 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: nguyendudziaknq Date: 07-Jul-2014 14:41:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 61 BFB	95	3.702	3.702	0.000	0	364802	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

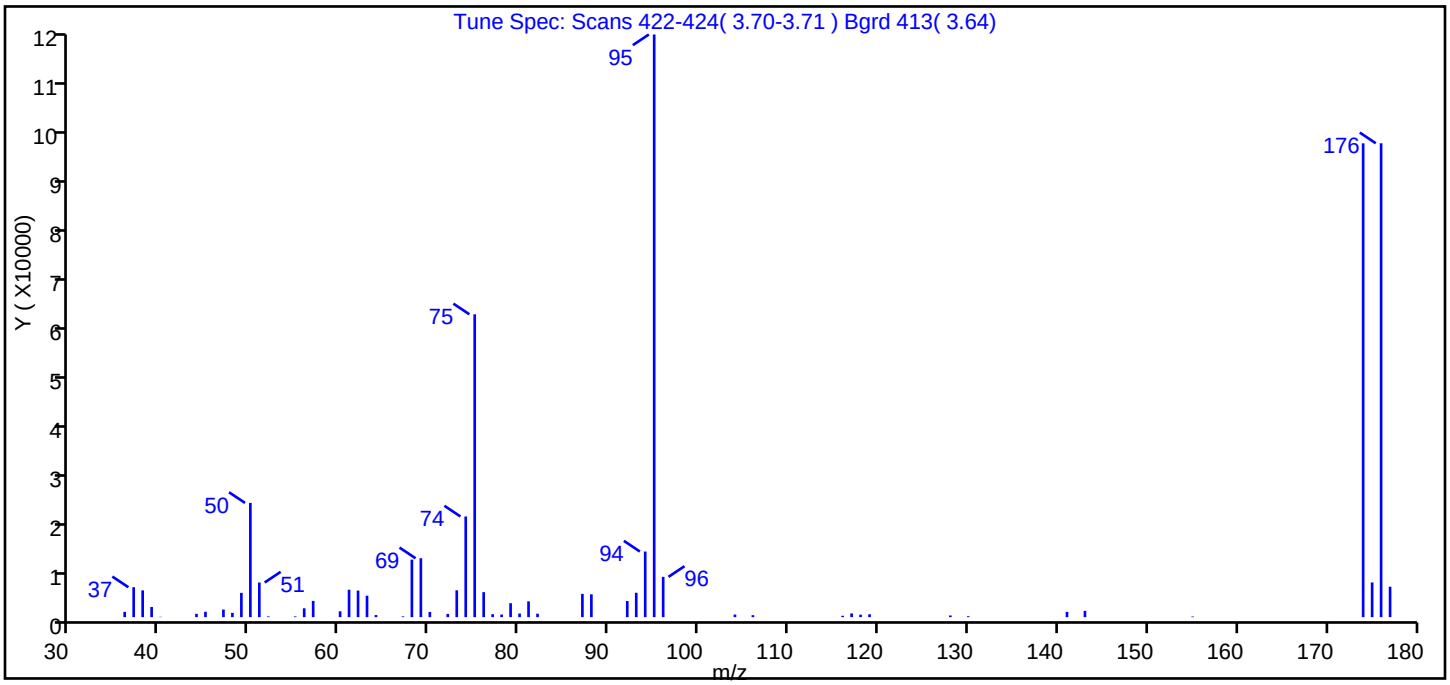
BFB_WRK_00034 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39965.D
Injection Date: 07-Jul-2014 10:14:30 Instrument ID: HP5973S
Lims ID: BFB
Client ID:
Operator ID: NQ ALS Bottle#: 89 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
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	19.60
75	30.00 - 60.00% of mass 95	52.00
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	81.30
175	5.00 - 9.00% of mass 174	6.00 (7.30)
176	95.00 - 101.00% of mass 174	81.30 (100.00)
177	5.00 - 9.00% of mass 176	5.20 (6.40)

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39965.D\S-8260.rslt\spectra.d
Injection Date: 07-Jul-2014 10:14:30
Spectrum: Tune Spec: Scans 422-424(3.70-3.71) Bgrd 413(3.64)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 58

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1009	57.00	3100	77.00	559	116.00	261
37.00	5706	60.00	1116	78.00	498	117.00	708
38.00	5106	61.00	5230	79.00	2661	118.00	467
39.00	1940	62.00	5070	80.00	692	119.00	545
40.00	66	63.00	4091	81.00	3015	128.00	320
44.00	633	64.00	406	82.00	654	130.00	174
45.00	1030	67.00	142	87.00	4434	141.00	1002
47.00	1451	68.00	10966	88.00	4358	143.00	1197
48.00	812	69.00	11231	92.00	3074	155.00	119
49.00	4634	70.00	988	93.00	4649	174.00	90360
50.00	21784	72.00	619	94.00	12514	175.00	6617
51.00	6605	73.00	5119	95.00	111120	176.00	90376
52.00	140	74.00	19200	96.00	7682	177.00	5799
55.00	142	75.00	57752	104.00	493		
56.00	1688	76.00	4766	106.00	380		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2719.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 27-Jun-2014 13:16:30 ALS Bottle#: 30 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0033352-006
Operator ID: LH Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 27-Jun-2014 13:36:01 Calib Date: 06-Jun-2014 22:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140606-32722.b\T1934.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: HillL Date: 27-Jun-2014 13:36:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 5 BFB	95	4.840	4.840	0.000	86	184477	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

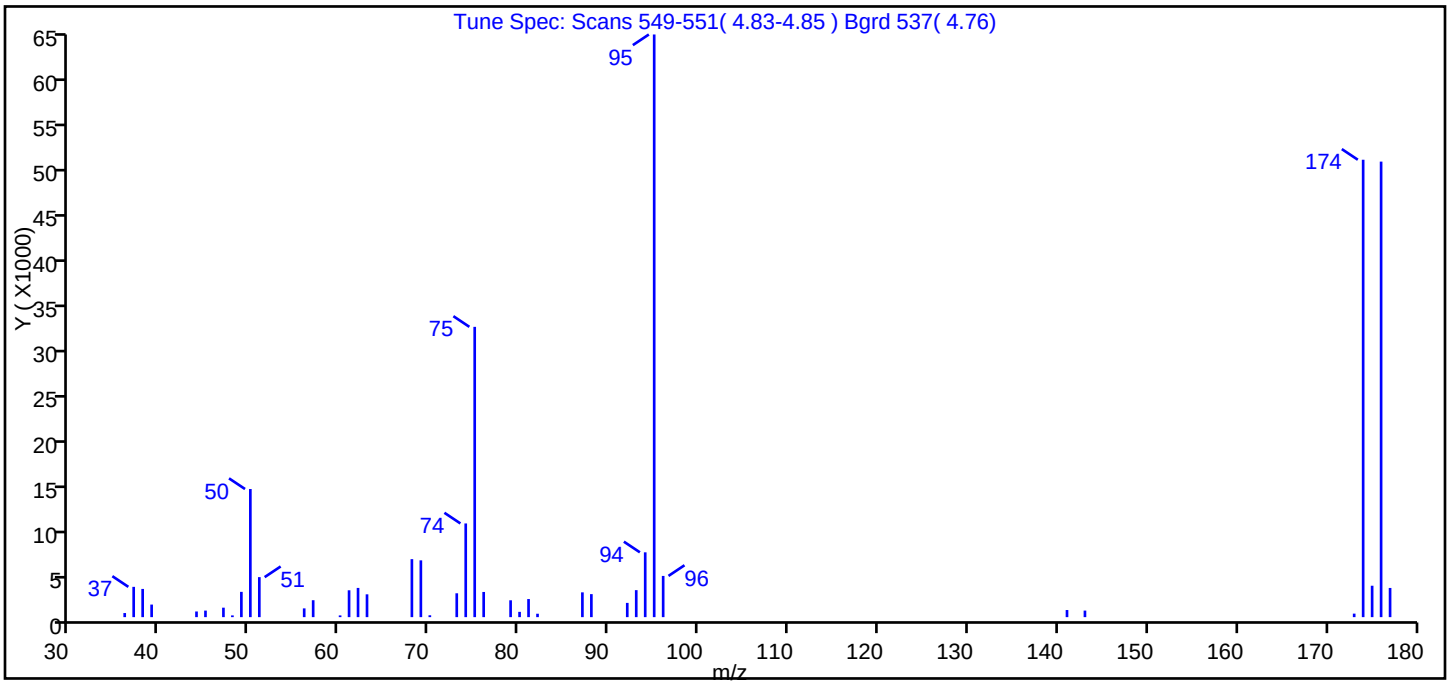
BFB_WRK_00034 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2719.D
Injection Date: 27-Jun-2014 13:16:30 Instrument ID: HP5975T
Lims ID: BFB
Client ID:
Operator ID: LH ALS Bottle#: 30 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: T-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 5 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.00
75	30.00 - 60.00% of mass 95	49.80
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.60 (0.80)
174	50.00 - 120.00% of mass 95	78.50
175	5.00 - 9.00% of mass 174	5.40 (6.90)
176	95.00 - 101.00% of mass 174	78.20 (99.60)
177	5.00 - 9.00% of mass 176	5.00 (6.40)

Data File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2719.D\T-8260.rslt\spectra.d
Injection Date: 27-Jun-2014 13:16:30
Spectrum: Tune Spec: Scans 549-551(4.83-4.85) Bgrd 537(4.76)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 42

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	456	56.00	975	75.00	32296	95.00	64824
37.00	3370	57.00	1883	76.00	2801	96.00	4586
38.00	3139	60.00	192	79.00	1875	141.00	792
39.00	1399	61.00	2988	80.00	588	143.00	729
44.00	631	62.00	3251	81.00	2013	173.00	391
45.00	728	63.00	2539	82.00	380	174.00	50888
47.00	1054	68.00	6452	87.00	2758	175.00	3495
48.00	194	69.00	6318	88.00	2561	176.00	50680
49.00	2813	70.00	208	92.00	1585	177.00	3248
50.00	14254	73.00	2654	93.00	3003		
51.00	4451	74.00	10424	94.00	7211		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3206.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 11-Jul-2014 22:03:30 ALS Bottle#: 7 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0033721-001
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 12-Jul-2014 00:27:05 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK018

First Level Reviewer: goliszekg Date: 11-Jul-2014 22:13:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 5 BFB	95	4.834	4.834	0.000	83	132613	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

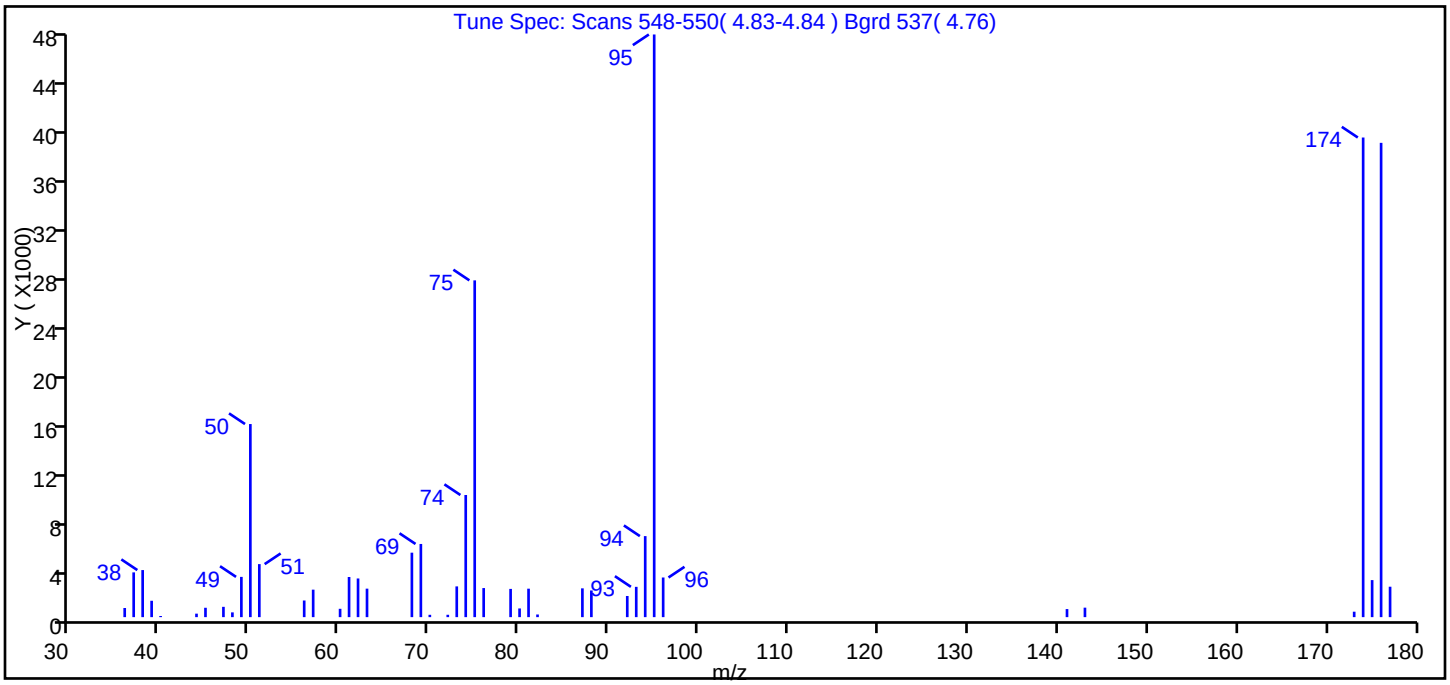
BFB_WRK_00034 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3206.D
Injection Date: 11-Jul-2014 22:03:30 Instrument ID: HP5975T
Lims ID: BFB
Client ID:
Operator ID: gtg ALS Bottle#: 7 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: T-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 5 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	33.10
75	30.00 - 60.00% of mass 95	57.80
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.90 (1.10)
174	50.00 - 120.00% of mass 95	82.30
175	5.00 - 9.00% of mass 174	6.40 (7.70)
176	95.00 - 101.00% of mass 174	81.40 (98.90)
177	5.00 - 9.00% of mass 176	5.20 (6.40)

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3206.D\T-8260.rslt\spectra.d
Injection Date: 11-Jul-2014 22:03:30
Spectrum: Tune Spec: Scans 548-550(4.83-4.84) Bgrd 537(4.76)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 44

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	740	51.00	4294	73.00	2490	93.00	2454
37.00	3625	56.00	1348	74.00	9891	94.00	6562
38.00	3812	57.00	2226	75.00	27272	95.00	47184
39.00	1326	60.00	675	76.00	2355	96.00	3211
40.00	93	61.00	3251	79.00	2287	141.00	654
44.00	283	62.00	3131	80.00	704	143.00	768
45.00	759	63.00	2307	81.00	2305	173.00	441
47.00	835	68.00	5221	82.00	215	174.00	38840
48.00	386	69.00	5926	87.00	2332	175.00	3000
49.00	3260	70.00	190	88.00	2161	176.00	38408
50.00	15637	72.00	192	92.00	1713	177.00	2464

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3251.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 14-Jul-2014 17:41:30 ALS Bottle#: 52 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0033765-002
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 14-Jul-2014 20:14:09 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: goliszekg Date: 14-Jul-2014 17:58:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 5 BFB	95	4.828	4.828	0.000	85	143048	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

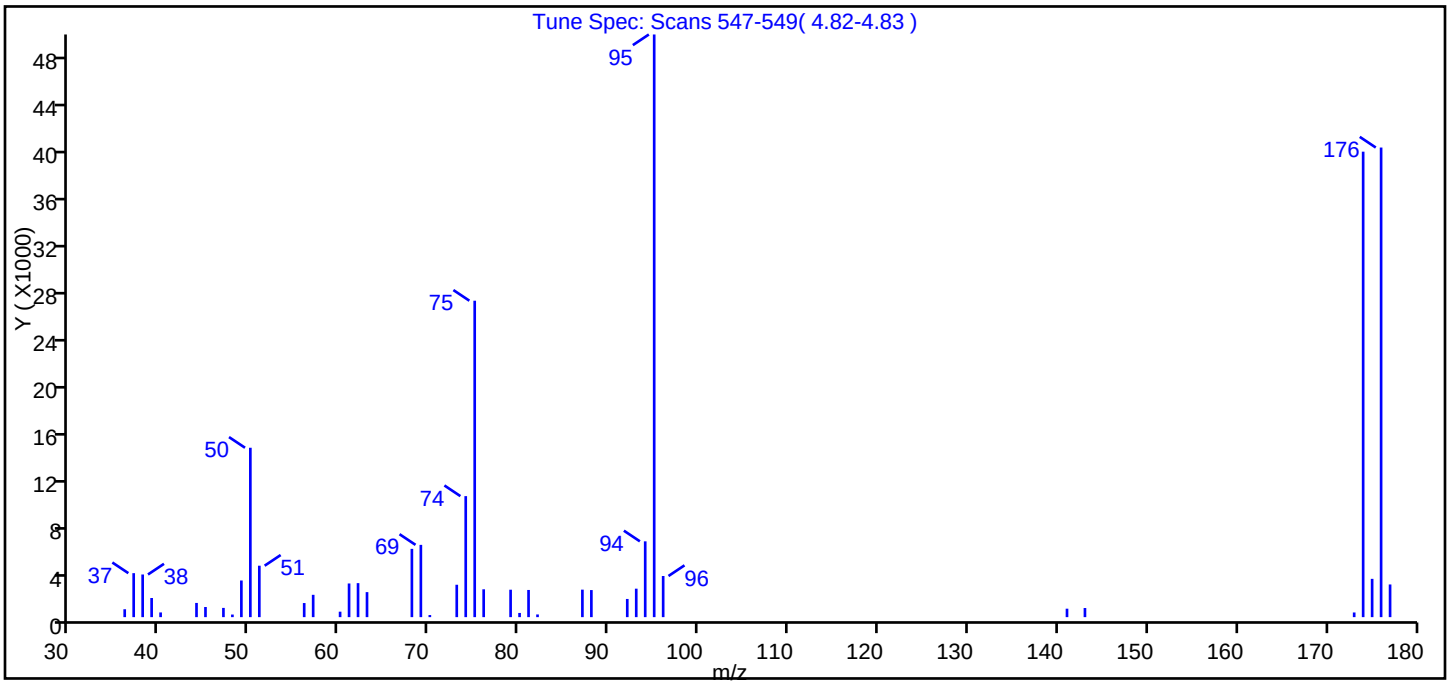
BFB_WRK_00034 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3251.D
Injection Date: 14-Jul-2014 17:41:30 Instrument ID: HP5975T
Lims ID: BFB
Client ID:
Operator ID: gtg ALS Bottle#: 52 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: T-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 5 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	29.10
75	30.00 - 60.00% of mass 95	54.30
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.80 (1.00)
174	50.00 - 120.00% of mass 95	79.90
175	5.00 - 9.00% of mass 174	6.60 (8.20)
176	95.00 - 101.00% of mass 174	80.60 (100.90)
177	5.00 - 9.00% of mass 176	5.60 (7.00)

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3251.D\T-8260.rslt\spectra.d
Injection Date: 14-Jul-2014 17:41:30
Spectrum: Tune Spec: Scans 547-549(4.82-4.83)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 43

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	673	51.00	4379	74.00	10302	94.00	6453
37.00	3744	56.00	1200	75.00	26936	95.00	49600
38.00	3631	57.00	1901	76.00	2371	96.00	3502
39.00	1630	60.00	465	79.00	2335	141.00	719
40.00	401	61.00	2866	80.00	357	143.00	777
44.00	1209	62.00	2895	81.00	2314	173.00	398
45.00	863	63.00	2130	82.00	229	174.00	39624
47.00	787	68.00	5813	87.00	2341	175.00	3260
48.00	222	69.00	6153	88.00	2305	176.00	39976
49.00	3120	70.00	178	92.00	1548	177.00	2782
50.00	14420	73.00	2757	93.00	2423		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-190420/8

Matrix: Solid | Lab File ID: F9562.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/28/2014 12:05

Soil Aliquot Vol: 5 (g) | Dilution Factor: 1

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

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

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
591-78-6	2-Hexanone	ND		25	2.5
78-93-3	2-Butanone (MEK)	ND		25	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	ND		25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	ND		5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	0.72
110-82-7	Cyclohexane	ND		5.0	0.70
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
106-93-4	1,2-Dibromoethane	ND		5.0	0.64
100-41-4	Ethylbenzene	ND		5.0	0.35
98-82-8	Isopropylbenzene	ND		5.0	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-190420/8

Matrix: Solid | Lab File ID: F9562.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/28/2014 12:05

Soil Aliquot Vol: 5 (g) | Dilution Factor: 1

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

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

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	3.0
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.49
108-87-2	Methylcyclohexane	ND		5.0	0.76
75-09-2	Methylene Chloride	2.36	J	5.0	2.3
100-42-5	Styrene	ND		5.0	0.25
127-18-4	Tetrachloroethene	ND		5.0	0.67
108-88-3	Toluene	ND		5.0	0.38
156-60-5	trans-1,2-Dichloroethene	ND		5.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	2.2
79-01-6	Trichloroethene	ND		5.0	1.1
75-69-4	Trichlorofluoromethane	ND		5.0	0.47
75-01-4	Vinyl chloride	ND		5.0	0.61
1330-20-7	Xylenes, Total	ND		10	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		64-126
2037-26-5	Toluene-d8 (Surr)	96		71-125
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
1868-53-7	Dibromofluoromethane (Surr)	97		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9562.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 28-Jun-2014 12:05:30 ALS Bottle#: 28 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0033377-008 =480-0033377-008
Operator ID: RAS Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 11:57:15 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: sobolr Date: 28-Jun-2014 11:57:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.468	5.468	0.000	99	64032	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	79	153148	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	92	165738	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.945	-0.006	57	81657	50.0	48.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	44151	50.0	46.1	
$ 5 Toluene-d8 (Surr)	98	6.849	6.855	-0.006	91	326266	50.0	48.2	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.514	0.006	94	115504	50.0	50.8	
10 Dichlorodifluoromethane	85		1.946					ND	
11 Chlorodifluoromethane	51		1.970					ND	
12 Chloromethane	50		2.104					ND	
13 Vinyl chloride	62		2.220					ND	
151 Butadiene	54		2.226					ND	
14 Bromomethane	94		2.512					ND	
15 Chloroethane	64		2.573					ND	
16 Dichlorofluoromethane	67		2.755					ND	
17 Trichlorofluoromethane	101		2.804					ND	
148 Ethanol	45		2.950					ND	
18 Ethyl ether	59		2.968					ND	
19 Propene oxide	58		3.078					ND	
20 Acrolein	56		3.126					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169					ND	
22 1,1-Dichloroethene	96		3.199					ND	
23 Acetone	43		3.242					ND	
24 Isopropyl alcohol	45		3.339					ND	
25 Iodomethane	142		3.351					ND	
26 Carbon disulfide	76		3.406					ND	
27 Methyl acetate	43		3.461					ND	
28 3-Chloro-1-propene	41		3.467					ND	
29 Acetonitrile	40		3.516					ND	
30 Methylene Chloride	84	3.589	3.582	0.006	43	4284		2.36	
31 2-Methyl-2-propanol	59		3.631					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
32 Methyl tert-butyl ether	73		3.728					ND	
34 trans-1,2-Dichloroethene	96		3.771					ND	
33 Acrylonitrile	53		3.783					ND	
35 Hexane	57		3.905					ND	
36 Isopropyl ether	45		4.063					ND	
134 Halothane	117		4.069					ND	
37 Vinyl acetate	43		4.087					ND	
39 1,1-Dichloroethane	63		4.106					ND	
38 1,1-Dimethoxyethane	75		4.136					ND	
40 2-Chloro-1,3-butadiene	53		4.160					ND	
41 Tert-butyl ethyl ether	59		4.343					ND	
42 Ethyl acetate	43		4.550					ND	
44 2,2-Dichloropropane	77		4.550					ND	
43 2-Butanone (MEK)	43		4.550					ND	
45 cis-1,2-Dichloroethene	96		4.562					ND	
46 Propionitrile	54		4.647					ND	
47 Methacrylonitrile	41		4.744					ND	
48 Chlorobromomethane	128		4.769					ND	
49 Tetrahydrofuran	42		4.781					ND	
50 Chloroform	83		4.799					ND	
51 1,1,1-Trichloroethane	97		4.951					ND	
52 Cyclohexane	56		4.976					ND	
54 1,1-Dichloropropene	75		5.067					ND	
55 Carbon tetrachloride	117		5.079					ND	
53 Isobutyl alcohol	43		5.128					ND	
147 t-Amyl alcohol	59		5.207					ND	
152 Isooctane	57		5.225					ND	
57 Benzene	78		5.255					ND	
56 Tert-amyl methyl ether	73		5.268					ND	
58 1,2-Dichloroethane	62		5.292					ND	
59 n-Heptane	43		5.341					ND	
1 1,4-Difluorobenzene	114		5.541					ND	
136 2,4,4-Trimethyl-1-pentene	55		5.663					ND	
60 n-Butanol	56		5.675					ND	
62 Trichloroethene	95		5.779					ND	
137 Ethyl acrylate	55		5.803					ND	
135 2,4,4-Trimethyl-2-pentene	97		5.846					ND	
64 Methylcyclohexane	83		5.912					ND	
65 1,2-Dichloropropane	63		5.998					ND	
63 Methyl methacrylate	41		6.010					ND	
66 1,4-Dioxane	88		6.101					ND	
67 Dibromomethane	93		6.131					ND	
68 Dichlorobromomethane	83		6.241					ND	
69 2-Chloroethyl vinyl ether	63		6.448					ND	
70 2-Nitropropane	43		6.460					ND	
71 Epichlorohydrin	57		6.569					ND	
72 cis-1,3-Dichloropropene	75		6.618					ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722					ND	
74 Toluene	92		6.916					ND	
75 Ethyl methacrylate	69		7.135					ND	
77 trans-1,3-Dichloropropene	75		7.135					ND	
79 1,1,2-Trichloroethane	83		7.336					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
81 Tetrachloroethene	166		7.439					ND	
82 1,3-Dichloropropane	76		7.500					ND	
80 2-Hexanone	43		7.512					ND	
155 n-Butyl acetate	43		7.585					ND	
83 Chlorodibromomethane	129		7.744					ND	
84 Ethylene Dibromide	107		7.877					ND	
146 1-Chlorohexane	55		8.224					ND	
85 3-Chlorobenzotrifluoride	180		8.224					ND	
86 4-Chlorobenzotrifluoride	180		8.279					ND	
87 Chlorobenzene	112		8.328					ND	
88 Ethylbenzene	91		8.388					ND	
89 1,1,1,2-Tetrachloroethane	131		8.407					ND	
90 m-Xylene & p-Xylene	106		8.504					ND	
91 o-Xylene	106		8.942					ND	
92 Styrene	104		8.960					ND	
93 2-Chlorobenzotrifluoride	180		9.216					ND	
95 Bromoform	173		9.234					ND	
94 Isopropylbenzene	105		9.301					ND	
96 Cyclohexanone	55		9.502					ND	
97 1,1,2,2-Tetrachloroethane	83		9.678					ND	
101 Bromobenzene	156		9.684					ND	
98 trans-1,4-Dichloro-2-buten	53		9.721					ND	
99 N-Propylbenzene	91		9.721					ND	
100 1,2,3-Trichloropropane	110		9.727					ND	
103 2-Chlorotoluene	126		9.849					ND	
102 1,3,5-Trimethylbenzene	105		9.885					ND	
104 3-Chlorotoluene	126		9.909					ND	
105 4-Chlorotoluene	126		9.952					ND	
106 tert-Butylbenzene	134		10.207					ND	
107 1,2,4-Trimethylbenzene	105		10.256					ND	
108 Pentachloroethane	167		10.280					ND	
109 sec-Butylbenzene	105		10.408					ND	
110 4-Isopropyltoluene	119		10.530					ND	
111 1,3-Dichlorobenzene	146		10.566					ND	
114 Dicyclopentadiene	66		10.639					ND	
113 1,4-Dichlorobenzene	146		10.646					ND	
112 1,2,3-Trimethylbenzene	105		10.658					ND	
150 Benzyl chloride	126		10.773					ND	
76 2-Methylthiophene	97		10.900					ND	
115 n-Butylbenzene	91		10.901					ND	
116 1,2-Dichlorobenzene	146		10.992					ND	
78 3-Methylthiophene	97		11.028					ND	
117 1,2-Dibromo-3-Chloropropan	75		11.668					ND	
118 1,3,5-Trichlorobenzene	180		11.795					ND	
119 1,2,4-Trichlorobenzene	180		12.312					ND	
120 Hexachlorobutadiene	225		12.404					ND	
121 Naphthalene	128		12.544					ND	
122 1,2,3-Trichlorobenzene	180		12.757					ND	
149 2-Methylnaphthalene	142	13.608	13.608	0.000	1	4622		5.44	
145 Ethylene oxide TIC	1		0.000					ND	
143 Propene oxide TIC	1		0.000					ND	
144 1-Bromopropane TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
S 125 1,2-Dichloroethene, Total	1		30.000					0	
S 126 1,3-Dichloropropene, Total	1		30.000					0	
S 123 Total BTEX	1		30.000					0	
S 124 Xylenes, Total	1		30.000					0	
T 138 Aziridine TIC	1		0.000					0	
T 133 cis-1,4-Dichloro-2-butene	88		0.000					0	
T 132 Methyl acrylate	1		0.000					0	
T 139 Bromoethane TIC	1		0.000					0	
T 142 1-Bromopropane	1		0.000					0	
T 141 Pentachloroethane TIC	1		0.000					0	
T 140 bis(chloromethyl)ether TIC	1		0.000					0	
T 127 Ethanol TIC	45		0.000					0	
T 9 bis(2-chloromethyl)ether T	1		0.000					0	
T 7 Ethylene oxide	1		0.000					0	
T 128 Hexachloroethane TIC	1		0.000					0	
T 131 Nitrobenzene	77		0.000					0	
T 130 Hexachloroethane	117		0.000					0	
T 129 tert-amyl alcohol TIC	59		0.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00242	Amount Added:	1.00	Units: uL	Run Reagent

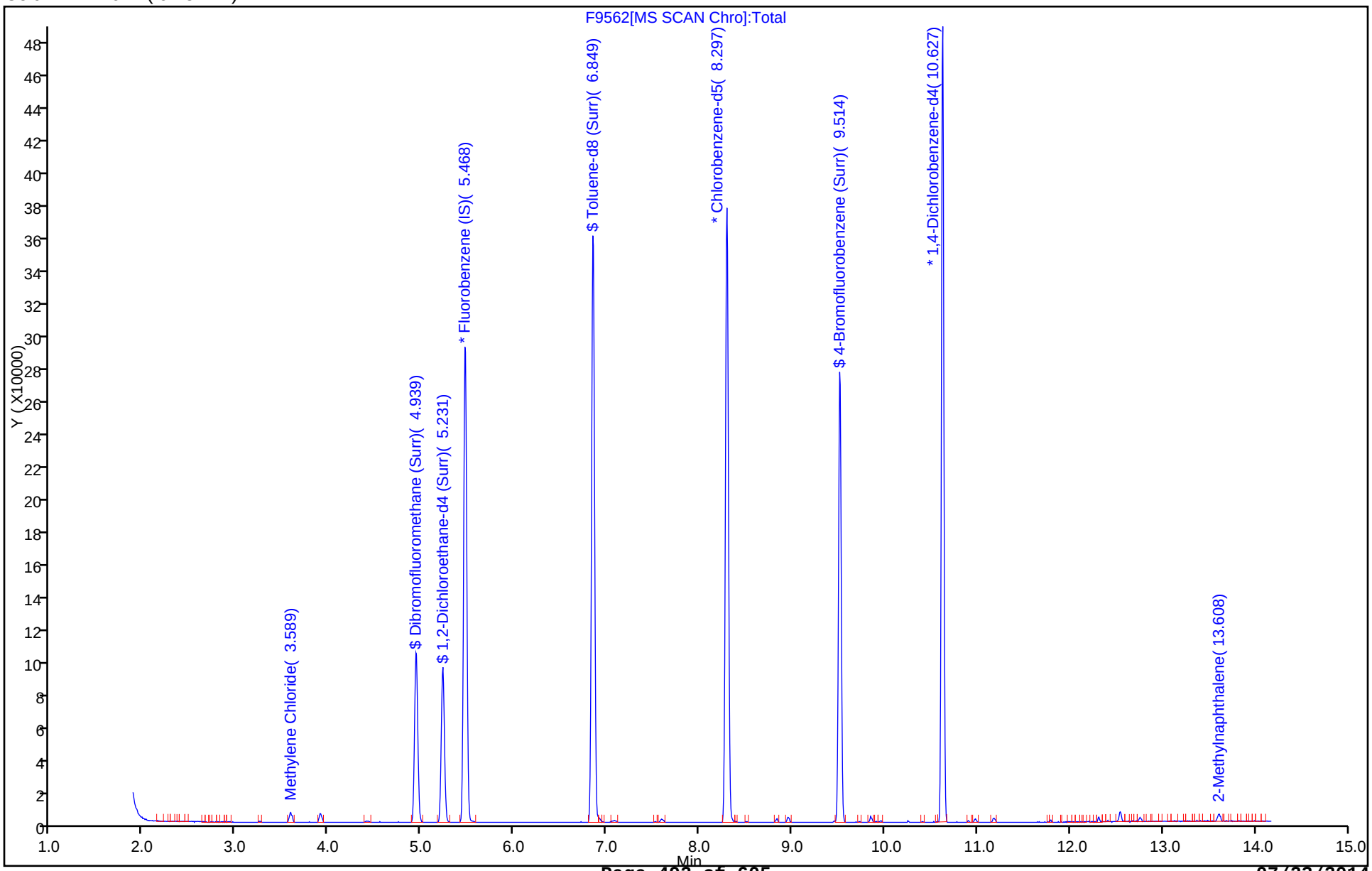
Report Date: 28-Jun-2014 11:57:16 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9562.D

Injection Date:	28-Jun-2014 12:05:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Report Date: 28-Jun-2014 11:57:16 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9562.D

Injection Date: 28-Jun-2014 12:05:30 Instrument ID: HP5973F

Lims ID: MB

Client ID:

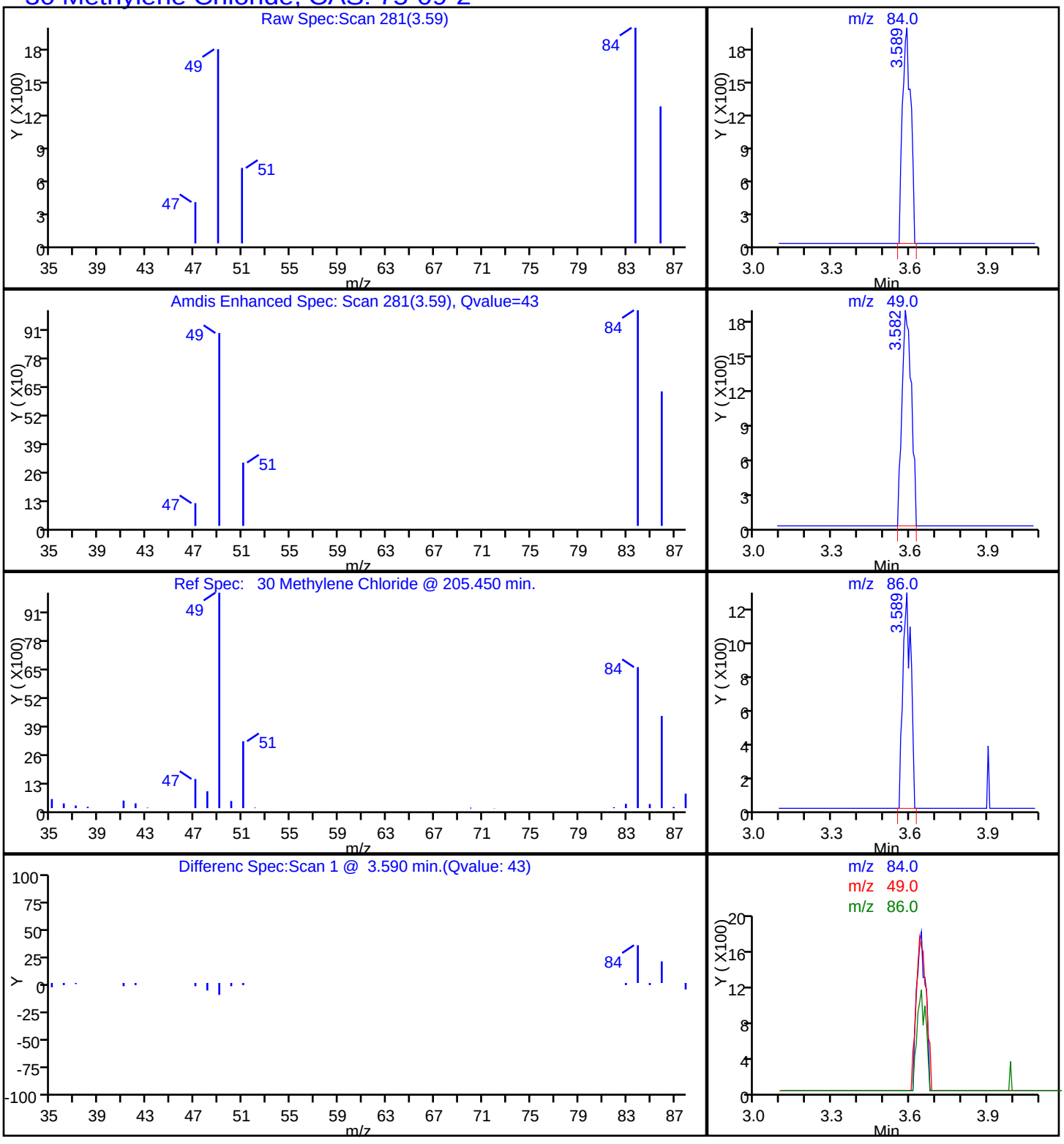
Operator ID: RAS ALS Bottle#: 28 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: F-8260 SOIL Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-191393/8

Matrix: Solid | Lab File ID: S39971.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/07/2014 12:41

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 191393 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	ND		0.0010	0.00029
107-06-2	1,2-Dichloroethane	ND		0.0010	0.00021
78-93-3	2-Butanone (MEK)	ND		0.0050	0.0013
71-43-2	Benzene	ND		0.0010	0.00041
56-23-5	Carbon tetrachloride	ND		0.0010	0.00027
108-90-7	Chlorobenzene	ND		0.0010	0.00075
67-66-3	Chloroform	ND		0.0010	0.00034
127-18-4	Tetrachloroethene	ND		0.0010	0.00036
79-01-6	Trichloroethene	ND		0.0010	0.00046
75-01-4	Vinyl chloride	ND		0.0010	0.00090

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39971.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Jul-2014 12:41:30 ALS Bottle#: 95 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0033550-008 =480-0033550-008
Operator ID: NQ Instrument ID: HP5973S

Method: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Jul-2014 14:44:20 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: nguyendudziaknq Date: 07-Jul-2014 14:44:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	194438	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	373745	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.695	8.696	-0.001	96	313703	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.066	4.060	0.006	59	198550	25.0	23.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	160166	25.0	25.3	
$ 5 Toluene-d8 (Surr)	98	5.702	5.696	0.006	93	909849	25.0	25.5	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	87	269823	25.0	23.5	
10 Dichlorodifluoromethane	85		1.201					ND	
11 Chlorodifluoromethane	51		1.225					ND	
12 Chloromethane	50		1.328					ND	
13 Vinyl chloride	62		1.413					ND	
151 Butadiene	54		1.426					ND	
14 Bromomethane	94		1.675					ND	
15 Chloroethane	64		1.748					ND	
17 Trichlorofluoromethane	101		1.894					ND	
16 Dichlorofluoromethane	67		1.900					ND	
18 Ethyl ether	59		2.095					ND	
148 Ethanol	45	2.107	2.107	0.000	91	13888		49.0	
19 Propene oxide	58		2.180					ND	
20 Acrolein	56		2.259					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.290					ND	
22 1,1-Dichloroethene	96		2.320					ND	
23 Acetone	43		2.393					ND	
25 Iodomethane	142		2.472					ND	
26 Carbon disulfide	76		2.490					ND	
24 Isopropyl alcohol	45		2.527					ND	
28 3-Chloro-1-propene	41		2.588					ND	
27 Methyl acetate	43		2.630					ND	
29 Acetonitrile	40		2.661					ND	
30 Methylene Chloride	84		2.770					ND	
31 2-Methyl-2-propanol	59		2.849					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		2.880					ND	
34 trans-1,2-Dichloroethene	96		2.892					ND	
33 Acrylonitrile	53		2.953					ND	
35 Hexane	57		3.050					ND	
39 1,1-Dichloroethane	63		3.239					ND	
36 Isopropyl ether	45		3.245					ND	
37 Vinyl acetate	43		3.281					ND	
40 2-Chloro-1,3-butadiene	53		3.287					ND	
38 1,1-Dimethoxyethane	75		3.312					ND	
41 Tert-butyl ethyl ether	59		3.518					ND	
139 Halothane	117		3.523					ND	
44 2,2-Dichloropropane	77		3.664					ND	
45 cis-1,2-Dichloroethene	96		3.689					ND	
43 2-Butanone (MEK)	43		3.725					ND	
42 Ethyl acetate	43		3.743					ND	
46 Propionitrile	54		3.816					ND	
48 Chlorobromomethane	128		3.877					ND	
47 Methacrylonitrile	41		3.902					ND	
49 Tetrahydrofuran	42		3.902					ND	
50 Chloroform	83		3.938					ND	
51 1,1,1-Trichloroethane	97		4.029					ND	
52 Cyclohexane	56		4.035					ND	
55 Carbon tetrachloride	117		4.139					ND	
54 1,1-Dichloropropene	75		4.151					ND	
152 Isooctane	57		4.309					ND	
57 Benzene	78		4.315					ND	
53 Isobutyl alcohol	43		4.321					ND	
56 Tert-amyl methyl ether	73		4.370					ND	
147 t-Amyl alcohol	59		4.370					ND	
58 1,2-Dichloroethane	62		4.370					ND	
59 n-Heptane	43		4.443					ND	
1 1,4-Difluorobenzene	114		4.613					ND	
62 Trichloroethene	95		4.790					ND	
60 n-Butanol	56		4.808					ND	
64 Methylcyclohexane	83		4.881					ND	
142 Ethyl acrylate	55		4.887					ND	
65 1,2-Dichloropropane	63		4.985					ND	
141 2,4,4-Trimethyl-1-pentene	55		4.994					ND	
63 Methyl methacrylate	41		5.057					ND	
67 Dibromomethane	93		5.088					ND	
66 1,4-Dioxane	88		5.100					ND	
140 2,4,4-Trimethyl-2-pentene	97		5.153					ND	
68 Dichlorobromomethane	83		5.204					ND	
70 2-Nitropropane	43		5.410					ND	
69 2-Chloroethyl vinyl ether	63		5.423					ND	
71 Epichlorohydrin	57		5.502					ND	
72 cis-1,3-Dichloropropene	75		5.526					ND	
73 4-Methyl-2-pentanone (MIBK	43		5.642					ND	
74 Toluene	92		5.751					ND	
76 2-Methylthiophene	97		5.854					ND	
77 trans-1,3-Dichloropropene	75		5.958					ND	
78 3-Methylthiophene	97		5.982					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
75 Ethyl methacrylate	69		5.988					ND	
79 1,1,2-Trichloroethane	83		6.104					ND	
81 Tetrachloroethene	166		6.146					ND	
82 1,3-Dichloropropane	76		6.232					ND	
80 2-Hexanone	43		6.280					ND	
83 Chlorodibromomethane	129		6.408					ND	
84 Ethylene Dibromide	107		6.493					ND	
146 1-Chlorohexane	55		6.797					ND	
85 3-Chlorobenzotrifluoride	180		6.810					ND	
87 Chlorobenzene	112		6.846					ND	
86 4-Chlorobenzotrifluoride	180		6.858					ND	
88 Ethylbenzene	91		6.913					ND	
89 1,1,1,2-Tetrachloroethane	131		6.919					ND	
90 m-Xylene & p-Xylene	106		7.004					ND	
91 o-Xylene	106		7.321					ND	
92 Styrene	104		7.345					ND	
95 Bromoform	173		7.534					ND	
93 2-Chlorobenzotrifluoride	180		7.546					ND	
94 Isopropylbenzene	105		7.607					ND	
96 Cyclohexanone	55		7.753					ND	
101 Bromobenzene	156		7.880					ND	
97 1,1,2,2-Tetrachloroethane	83		7.917					ND	
99 N-Propylbenzene	91		7.941					ND	
100 1,2,3-Trichloropropane	110		7.947					ND	
98 trans-1,4-Dichloro-2-buten	53		7.953					ND	
103 2-Chlorotoluene	126		8.026					ND	
104 3-Chlorotoluene	126		8.075					ND	
102 1,3,5-Trimethylbenzene	105		8.081					ND	
105 4-Chlorotoluene	126		8.118					ND	
106 tert-Butylbenzene	134		8.343					ND	
107 1,2,4-Trimethylbenzene	105		8.385					ND	
108 Pentachloroethane	167		8.391					ND	
109 sec-Butylbenzene	105		8.519					ND	
111 1,3-Dichlorobenzene	146		8.635					ND	
110 4-Isopropyltoluene	119		8.641					ND	
114 Dicyclopentadiene	66		8.695					ND	
113 1,4-Dichlorobenzene	146		8.714					ND	
112 1,2,3-Trimethylbenzene	105		8.738					ND	
150 Benzyl chloride	126		8.848					ND	
115 n-Butylbenzene	91		8.975					ND	
116 1,2-Dichlorobenzene	146		9.024					ND	
117 1,2-Dibromo-3-Chloropropan	75		9.699					ND	
118 1,3,5-Trichlorobenzene	180		9.821					ND	
119 1,2,4-Trichlorobenzene	180		10.344					ND	
120 Hexachlorobutadiene	225		10.454					ND	
121 Naphthalene	128		10.563					ND	
122 1,2,3-Trichlorobenzene	180		10.752					ND	
149 2-Methylnaphthalene	142		11.433					ND	
145 Ethylene oxide TIC	1		0.000					ND	
135 Hexachloroethane	117		0.000					ND	
134 Pentachloroethane TIC	1		0.000					ND	
143 Propene oxide TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
136 Nitrobenzene	77		0.000					ND	
137 Methyl acrylate	1		0.000					ND	
144 1-Bromopropane TIC	1		0.000					ND	
138 cis-1,4-Dichloro-2-butene	88		0.000					ND	
S 125 1,2-Dichloroethene, Total	1		30.000					0	
S 126 1,3-Dichloropropene, Total	1		30.000					0	
S 123 Total BTEX	1		30.000					0	
S 124 Xylenes, Total	1		30.000					0	
T 7 Ethylene oxide	44		1.528					0	
T 130 Bromoethane TIC	1		0.000					0	
T 129 bis(chloromethyl)ether TIC	1		0.000					0	
T 132 tert-amyl alcohol TIC	1		0.000					0	
T 131 1-Bromopropane	1		0.000					0	
T 133 Aziridine TIC	1		0.000					0	
T 128 Hexachloroethane TIC	1		0.000					0	
T 127 Ethanol TIC	45		0.000					0	
T 9 bis(2-chloromethyl)ether T	1		0.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

S_8260_Surr_00089	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent

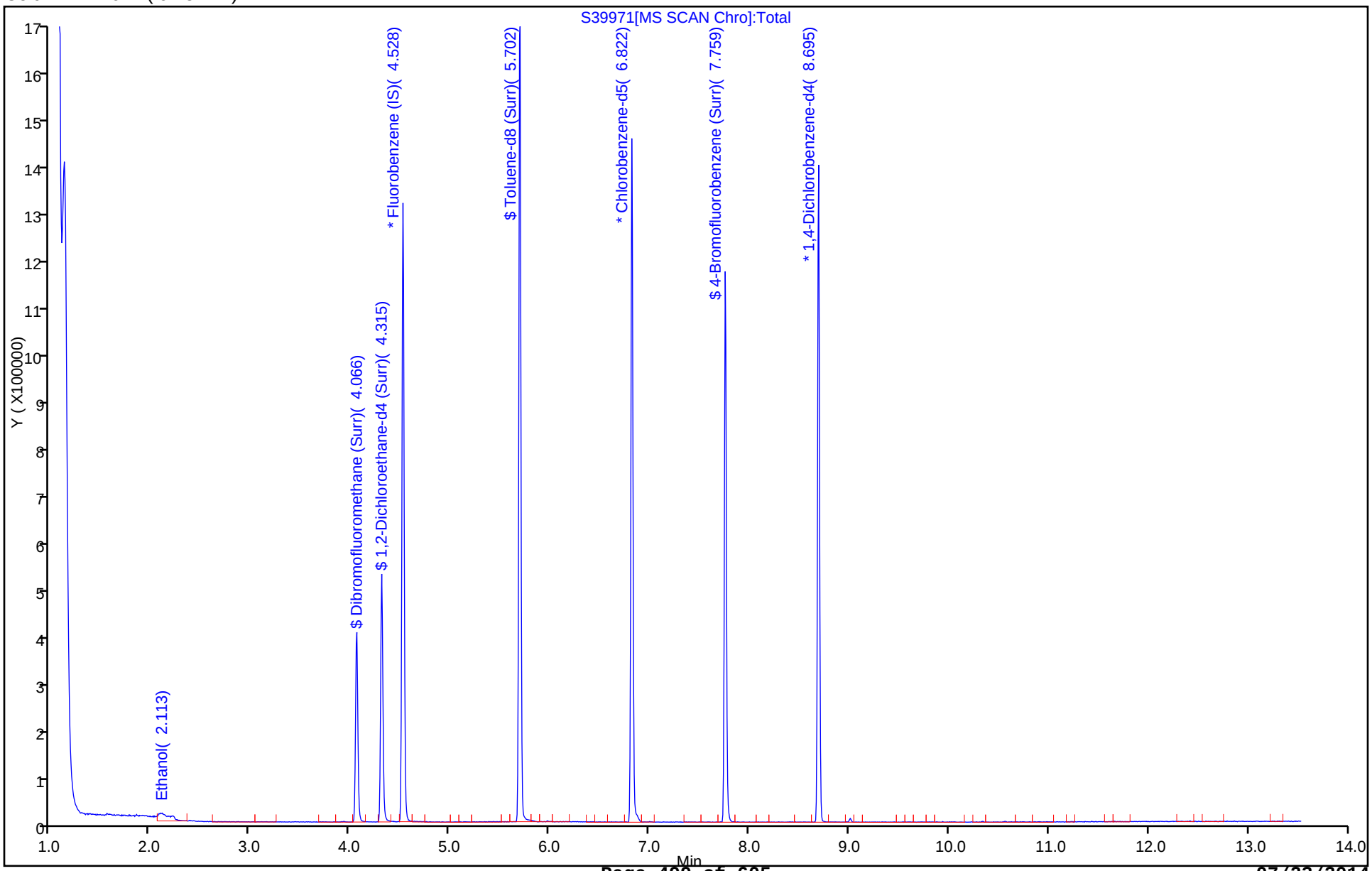
Report Date: 07-Jul-2014 14:44:47 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39971.D

Injection Date:	07-Jul-2014 12:41:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	95
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-191487/7

Matrix: Solid | Lab File ID: F9729.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/07/2014 23:27

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.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
591-78-6	2-Hexanone	ND		25	2.5
78-93-3	2-Butanone (MEK)	ND		25	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	ND		25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	ND		5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	0.72
110-82-7	Cyclohexane	ND		5.0	0.70
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
106-93-4	1,2-Dibromoethane	ND		5.0	0.64
100-41-4	Ethylbenzene	ND		5.0	0.35
98-82-8	Isopropylbenzene	ND		5.0	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-191487/7

Matrix: Solid | Lab File ID: F9729.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/07/2014 23:27

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.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	3.0
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.49
108-87-2	Methylcyclohexane	ND		5.0	0.76
75-09-2	Methylene Chloride	ND		5.0	2.3
100-42-5	Styrene	ND		5.0	0.25
127-18-4	Tetrachloroethene	ND		5.0	0.67
108-88-3	Toluene	ND		5.0	0.38
156-60-5	trans-1,2-Dichloroethene	ND		5.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	2.2
79-01-6	Trichloroethene	ND		5.0	1.1
75-69-4	Trichlorofluoromethane	ND		5.0	0.47
75-01-4	Vinyl chloride	ND		5.0	0.61
1330-20-7	Xylenes, Total	ND		10	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		64-126
2037-26-5	Toluene-d8 (Surr)	98		71-125
460-00-4	4-Bromofluorobenzene (Surr)	99		72-126
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9729.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Jul-2014 23:27:30 ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0033566-007 =480-0033566-007
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Jul-2014 23:48:29 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: cwiklinc Date: 07-Jul-2014 23:48:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	99	195906	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	86	391421	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	95	374339	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.939	0.006	58	213120	50.0	51.5	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.237	5.231	0.006	0	125931	50.0	47.8	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	92	792208	50.0	48.9	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	91	265619	50.0	49.3	
10 Dichlorodifluoromethane	85		1.952					ND	
11 Chlorodifluoromethane	51		1.976					ND	
12 Chloromethane	50		2.110					ND	
13 Vinyl chloride	62		2.226					ND	
151 Butadiene	54		2.232					ND	
14 Bromomethane	94		2.512					ND	
15 Chloroethane	64		2.579					ND	
16 Dichlorofluoromethane	67		2.755					ND	
17 Trichlorofluoromethane	101		2.804					ND	
148 Ethanol	45		2.950					ND	
18 Ethyl ether	59		2.968					ND	
19 Propene oxide	58		3.071					ND	
20 Acrolein	56		3.132					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		3.169					ND	
22 1,1-Dichloroethene	96		3.199					ND	
23 Acetone	43		3.248					ND	
24 Isopropyl alcohol	45		3.339					ND	
25 Iodomethane	142		3.357					ND	
26 Carbon disulfide	76		3.406					ND	
27 Methyl acetate	43		3.467					ND	
28 3-Chloro-1-propene	41		3.467					ND	
29 Acetonitrile	40		3.503					ND	
30 Methylene Chloride	84		3.588					ND	
31 2-Methyl-2-propanol	59		3.637					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
32 Methyl tert-butyl ether	73		3.734					ND	
34 trans-1,2-Dichloroethene	96		3.771					ND	
33 Acrylonitrile	53		3.789					ND	
35 Hexane	57	3.911	3.911	0.000	82	13064		1.36	
36 Isopropyl ether	45		4.063					ND	
134 Halothane	117		4.063					ND	
37 Vinyl acetate	43		4.093					ND	
39 1,1-Dichloroethane	63		4.106					ND	
38 1,1-Dimethoxyethane	75		4.136					ND	
40 2-Chloro-1,3-butadiene	53		4.160					ND	
41 Tert-butyl ethyl ether	59		4.343					ND	
42 Ethyl acetate	43		4.544					ND	
43 2-Butanone (MEK)	43		4.550					ND	
44 2,2-Dichloropropane	77		4.550					ND	
45 cis-1,2-Dichloroethene	96		4.562					ND	
46 Propionitrile	54		4.647					ND	
47 Methacrylonitrile	41		4.744					ND	
48 Chlorobromomethane	128		4.769					ND	
49 Tetrahydrofuran	42		4.787					ND	
50 Chloroform	83		4.805					ND	
51 1,1,1-Trichloroethane	97		4.951					ND	
52 Cyclohexane	56		4.982					ND	
54 1,1-Dichloropropene	75		5.067					ND	
55 Carbon tetrachloride	117		5.079					ND	
53 Isobutyl alcohol	43		5.128					ND	
147 t-Amyl alcohol	59		5.201					ND	
152 Isooctane	57		5.219					ND	
57 Benzene	78		5.255					ND	
56 Tert-amyl methyl ether	73		5.267					ND	
58 1,2-Dichloroethane	62		5.292					ND	
59 n-Heptane	43		5.347					ND	
1 1,4-Difluorobenzene	114		5.535					ND	
136 2,4,4-Trimethyl-1-pentene	55		5.663					ND	
60 n-Butanol	56		5.681					ND	
62 Trichloroethene	95		5.779					ND	
137 Ethyl acrylate	55		5.803					ND	
135 2,4,4-Trimethyl-2-pentene	97		5.846					ND	
64 Methylcyclohexane	83		5.918					ND	
65 1,2-Dichloropropane	63		6.004					ND	
63 Methyl methacrylate	41		6.010					ND	
66 1,4-Dioxane	88		6.101					ND	
67 Dibromomethane	93		6.131					ND	
68 Dichlorobromomethane	83		6.241					ND	
69 2-Chloroethyl vinyl ether	63		6.448					ND	
70 2-Nitropropane	43		6.460					ND	
71 Epichlorohydrin	57		6.569					ND	
72 cis-1,3-Dichloropropene	75		6.624					ND	
73 4-Methyl-2-pentanone (MIBK	43		6.722					ND	
74 Toluene	92		6.916					ND	
75 Ethyl methacrylate	69		7.135					ND	
77 trans-1,3-Dichloropropene	75		7.141					ND	
79 1,1,2-Trichloroethane	83		7.336					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
81 Tetrachloroethene	166		7.439					ND	
82 1,3-Dichloropropane	76		7.500					ND	
80 2-Hexanone	43		7.512					ND	
155 n-Butyl acetate	43		7.591					ND	
83 Chlorodibromomethane	129		7.750					ND	
84 Ethylene Dibromide	107		7.877					ND	
146 1-Chlorohexane	55		8.224					ND	
85 3-Chlorobenzotrifluoride	180		8.224					ND	
86 4-Chlorobenzotrifluoride	180		8.285					ND	
87 Chlorobenzene	112		8.328					ND	
88 Ethylbenzene	91		8.395					ND	
89 1,1,1,2-Tetrachloroethane	131		8.407					ND	
90 m-Xylene & p-Xylene	106		8.510					ND	
91 o-Xylene	106		8.942					ND	
92 Styrene	104		8.960					ND	
93 2-Chlorobenzotrifluoride	180		9.216					ND	
95 Bromoform	173		9.240					ND	
94 Isopropylbenzene	105		9.307					ND	
96 Cyclohexanone	55		9.508					ND	
97 1,1,2,2-Tetrachloroethane	83		9.678					ND	
101 Bromobenzene	156		9.690					ND	
98 trans-1,4-Dichloro-2-buten	53		9.721					ND	
99 N-Propylbenzene	91		9.727					ND	
100 1,2,3-Trichloropropane	110		9.733					ND	
103 2-Chlorotoluene	126		9.855					ND	
102 1,3,5-Trimethylbenzene	105		9.885					ND	
104 3-Chlorotoluene	126		9.909					ND	
105 4-Chlorotoluene	126		9.958					ND	
106 tert-Butylbenzene	134		10.207					ND	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	1	4702		0.2298	
108 Pentachloroethane	167		10.286					ND	
109 sec-Butylbenzene	105		10.408					ND	
110 4-Isopropyltoluene	119		10.530					ND	
111 1,3-Dichlorobenzene	146		10.566					ND	
114 Dicyclopentadiene	66		10.645					ND	
113 1,4-Dichlorobenzene	146		10.652					ND	
112 1,2,3-Trimethylbenzene	105		10.658					ND	
150 Benzyl chloride	126		10.773					ND	
76 2-Methylthiophene	97		10.900					ND	
115 n-Butylbenzene	91		10.901					ND	
116 1,2-Dichlorobenzene	146		10.992					ND	
78 3-Methylthiophene	97		11.028					ND	
117 1,2-Dibromo-3-Chloropropan	75		11.667					ND	
118 1,3,5-Trichlorobenzene	180		11.795					ND	
119 1,2,4-Trichlorobenzene	180		12.312					ND	
120 Hexachlorobutadiene	225		12.410					ND	
121 Naphthalene	128	12.543	12.544	-0.001	66	19301		1.03	
122 1,2,3-Trichlorobenzene	180		12.756					ND	
149 2-Methylnaphthalene	142	13.614	13.608	0.006	1	4446		0.4836	
144 1-Bromopropane TIC	1		0.000					ND	
145 Ethylene oxide TIC	1		0.000					ND	
143 Propene oxide TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
S 125 1,2-Dichloroethene, Total	1		30.000					0	
S 126 1,3-Dichloropropene, Total	1		30.000					0	
S 123 Total BTEX	1		30.000					0	
S 124 Xylenes, Total	1		30.000					0	
T 138 Aziridine TIC	1		0.000					0	
T 133 cis-1,4-Dichloro-2-butene	88		0.000					0	
T 132 Methyl acrylate	1		0.000					0	
T 139 Bromoethane TIC	1		0.000					0	
T 142 1-Bromopropane	1		0.000					0	
T 141 Pentachloroethane TIC	1		0.000					0	
T 140 bis(chloromethyl)ether TIC	1		0.000					0	
T 127 Ethanol TIC	45		0.000					0	
T 9 bis(2-chloromethyl)ether T	1		0.000					0	
T 7 Ethylene oxide	1		0.000					0	
T 128 Hexachloroethane TIC	1		0.000					0	
T 131 Nitrobenzene	77		0.000					0	
T 130 Hexachloroethane	117		0.000					0	
T 129 tert-amyl alcohol TIC	59		0.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

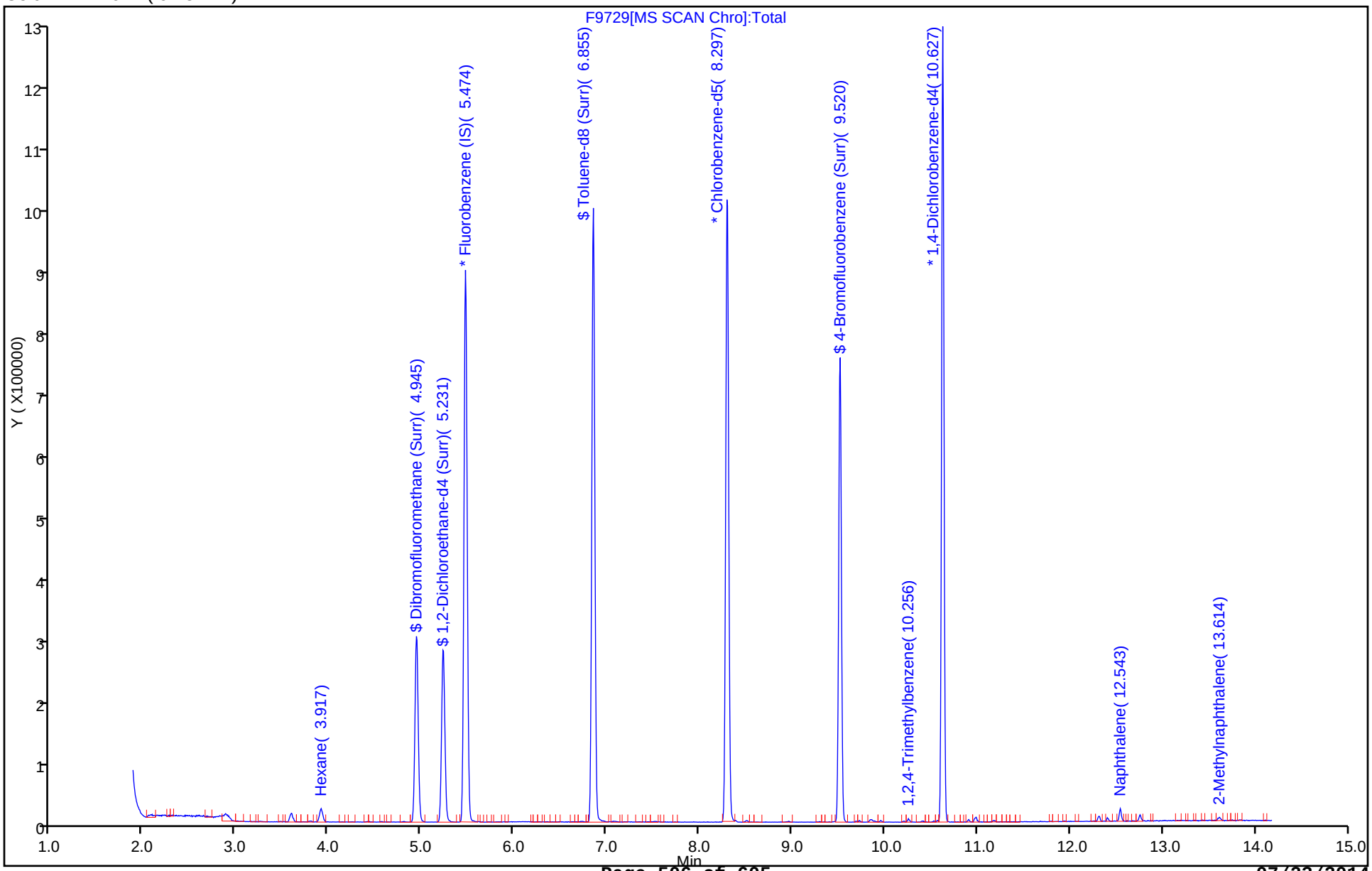
Report Date: 07-Jul-2014 23:48:30 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9729.D

Injection Date:	07-Jul-2014 23:27:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-192459/7

Matrix: Water | Lab File ID: T3212.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 00:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192459 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
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.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-192459/7

Matrix: Water | Lab File ID: T3212.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 00:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	107		66-137
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3212.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 12-Jul-2014 00:04:30 ALS Bottle#: 13 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0033721-007
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 12-Jul-2014 00:30:06 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK018

First Level Reviewer: goliszekg Date: 12-Jul-2014 00:23:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	97	434575	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	88	337307	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	95	158883	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	56	116588	25.0	26.5	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	148037	25.0	26.8	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	95	417824	25.0	24.5	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	91	117782	25.0	23.5	
11 Dichlorodifluoromethane	85		0.905					ND	
12 Chlorodifluoromethane	51		0.926					ND	
13 Chloromethane	50		1.019					ND	
14 Vinyl chloride	62		1.102					ND	
151 Butadiene	54		1.113					ND	
15 Bromomethane	94		1.320					ND	
16 Chloroethane	64		1.382					ND	
17 Trichlorofluoromethane	101		1.548					ND	
18 Dichlorofluoromethane	67		1.558					ND	
19 Ethyl ether	59		1.796					ND	
148 Ethanol	45		1.817					ND	
84 Propene oxide	58		1.869					ND	
21 Acrolein	56		1.952					ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.962					ND	
22 1,1-Dichloroethene	96		1.962					ND	
24 Iodomethane	142		2.107					ND	
23 Acetone	43		2.107					ND	
25 Carbon disulfide	76		2.128					ND	
26 Isopropyl alcohol	45		2.294					ND	
27 3-Chloro-1-propene	41		2.304					ND	
28 Methyl acetate	43		2.366					ND	
29 Acetonitrile	40		2.387					ND	
30 Methylene Chloride	84		2.429					ND	
32 trans-1,2-Dichloroethene	96		2.636					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
31 2-Methyl-2-propanol	59		2.636					ND	
33 Methyl tert-butyl ether	73		2.636					ND	
34 Acrylonitrile	53		2.708					ND	
35 Hexane	57		2.802					ND	
36 1,1-Dichloroethane	63		2.999					ND	
37 Isopropyl ether	45		3.030					ND	
38 2-Chloro-1,3-butadiene	53		3.050					ND	
139 Halothane	117		3.061					ND	
39 Vinyl acetate	43		3.071					ND	
40 1,1-Dimethoxyethane	75		3.102					ND	
41 Tert-butyl ethyl ether	59		3.320					ND	
42 2,2-Dichloropropane	77		3.444					ND	
43 cis-1,2-Dichloroethene	96		3.475					ND	
44 2-Butanone (MEK)	43		3.527					ND	
45 Ethyl acetate	43		3.558					ND	
46 Propionitrile	54		3.620					ND	
47 Chlorobromomethane	128		3.672					ND	
48 Tetrahydrofuran	42		3.703					ND	
49 Methacrylonitrile	41		3.703					ND	
50 Chloroform	83		3.734					ND	
51 1,1,1-Trichloroethane	97		3.817					ND	
52 Cyclohexane	56		3.817					ND	
53 Carbon tetrachloride	117		3.931					ND	
54 1,1-Dichloropropene	75		3.942					ND	
55 Benzene	78		4.118					ND	
152 Isooctane	57		4.118					ND	
57 1,2-Dichloroethane	62		4.170					ND	
56 Isobutyl alcohol	43		4.170					ND	
58 Tert-amyl methyl ether	73		4.190					ND	
147 t-Amyl alcohol	59		4.211					ND	
59 n-Heptane	43		4.263					ND	
1 1,4-Difluorobenzene	114		4.429					ND	
141 2,4,4-Trimethyl-1-pentene	55		4.522					ND	
60 Trichloroethene	95		4.605					ND	
61 n-Butanol	56		4.667					ND	
62 Methylcyclohexane	83		4.688					ND	
140 2,4,4-Trimethyl-2-pentene	97		4.709					ND	
142 Ethyl acrylate	55		4.729					ND	
63 1,2-Dichloropropane	63		4.802					ND	
64 Methyl methacrylate	41		4.895					ND	
65 Dibromomethane	93		4.905					ND	
66 1,4-Dioxane	88		4.926					ND	
67 Dichlorobromomethane	83		5.030					ND	
68 2-Nitropropane	43		5.237					ND	
69 2-Chloroethyl vinyl ether	63		5.258					ND	
70 Epichlorohydrin	57		5.330					ND	
71 cis-1,3-Dichloropropene	75		5.351					ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475					ND	
73 Toluene	92		5.569					ND	
74 2-Methylthiophene	97		5.672					ND	
75 trans-1,3-Dichloropropene	75		5.786					ND	
76 3-Methylthiophene	97		5.797					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
77 Ethyl methacrylate	69		5.838					ND	
78 1,1,2-Trichloroethane	83		5.931					ND	
79 Tetrachloroethene	166		5.962					ND	
80 1,3-Dichloropropane	76		6.045					ND	
81 2-Hexanone	43		6.118					ND	
155 n-Butyl acetate	43		6.201					ND	
82 Chlorodibromomethane	129		6.222					ND	
83 Ethylene Dibromide	107		6.294					ND	
146 1-Chlorohexane	55		6.626					ND	
85 3-Chlorobenzotrifluoride	180		6.636					ND	
86 Chlorobenzene	112		6.657					ND	
87 4-Chlorobenzotrifluoride	180		6.688					ND	
89 1,1,1,2-Tetrachloroethane	131		6.729					ND	
88 Ethylbenzene	91		6.729					ND	
90 m-Xylene & p-Xylene	106		6.812					ND	
91 o-Xylene	106		7.133					ND	
92 Styrene	104		7.154					ND	
93 Bromoform	173		7.330					ND	
94 2-Chlorobenzotrifluoride	180		7.361					ND	
95 Isopropylbenzene	105		7.413					ND	
96 Cyclohexanone	55		7.558					ND	
97 Bromobenzene	156		7.672					ND	
98 1,1,2,2-Tetrachloroethane	83		7.724					ND	
99 N-Propylbenzene	91		7.745					ND	
100 1,2,3-Trichloropropane	110		7.755					ND	
101 trans-1,4-Dichloro-2-buten	53		7.766					ND	
105 2-Chlorotoluene	126		7.828					ND	
103 3-Chlorotoluene	126		7.880					ND	
104 1,3,5-Trimethylbenzene	105		7.890					ND	
102 4-Chlorotoluene	91		7.911					ND	
106 tert-Butylbenzene	134		8.149					ND	
107 1,2,4-Trimethylbenzene	105		8.190					ND	
108 Pentachloroethane	167		8.191					ND	
109 sec-Butylbenzene	105		8.325					ND	
110 1,3-Dichlorobenzene	146		8.429					ND	
111 4-Isopropyltoluene	119		8.450					ND	
112 Dicyclopentadiene	66		8.481					ND	
113 1,4-Dichlorobenzene	146		8.501					ND	
114 1,2,3-Trimethylbenzene	105		8.532					ND	
150 Benzyl chloride	126		8.636					ND	
115 n-Butylbenzene	91		8.781					ND	
116 1,2-Dichlorobenzene	146		8.812					ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486					ND	
118 1,3,5-Trichlorobenzene	180		9.600					ND	
119 1,2,4-Trichlorobenzene	180		10.118					ND	
120 Hexachlorobutadiene	225		10.232					ND	
121 Naphthalene	128		10.336					ND	
122 1,2,3-Trichlorobenzene	180		10.533					ND	
149 2-Methylnaphthalene	142		11.237					ND	
144 1-Bromopropane TIC	1		0.000					ND	
145 Ethylene oxide TIC	1		0.000					ND	
143 Propene oxide TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
135 Hexachloroethane	117		0.000					ND	
137 Methyl acrylate	1		0.000					ND	
138 cis-1,4-Dichloro-2-butene	88		0.000					ND	
136 Nitrobenzene	77		0.000					ND	
S 125 Total BTEX	1		30.000					0	
S 126 Xylenes, Total	1		30.000					0	
S 123 1,3-Dichloropropene, Total	1		30.000					0	
S 124 1,2-Dichloroethene, Total	1		30.000					0	
T 128 Hexachloroethane TIC	117		0.000					0	
T 129 Aziridine TIC	1		0.000					0	
T 127 Ethanol TIC	1		0.000					0	
T 10 Ethylene oxide	1		0.000					0	
T 9 bis(2-chloromethyl)ether T	1		0.000					0	
T 130 Bromoethane TIC	1		0.000					0	
T 131 tert-amyl alcohol TIC	1		0.000					0	
T 132 bis(chloromethyl)ether TIC	1		0.000					0	
T 133 Pentachloroethane TIC	1		0.000					0	
T 134 1-Bromopropane	1		0.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

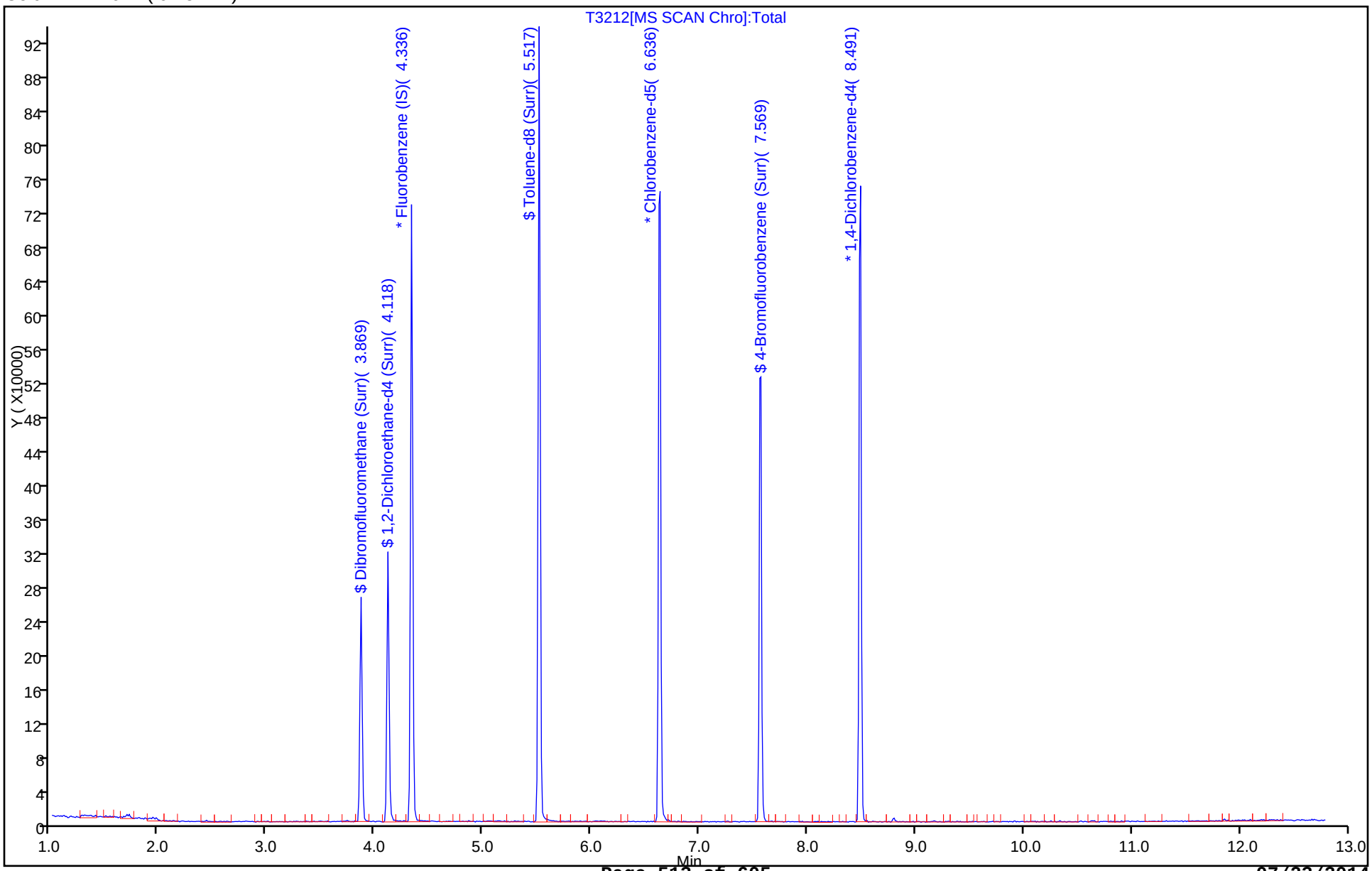
Report Date: 12-Jul-2014 00:30:07 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3212.D

Injection Date:	12-Jul-2014 00:04:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-192725/10

Matrix: Water Lab File ID: T3259.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/14/2014 20:14

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 192725 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
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.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-192725/10

Matrix: Water | Lab File ID: T3259.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2014 20:14

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192725 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	107		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3259.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Jul-2014 20:14:30 ALS Bottle#: 60 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0033765-010
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 14-Jul-2014 20:37:15 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: goliszekg Date: 14-Jul-2014 20:37:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.336	-0.001	98	444664	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.626	0.010	90	336099	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	96	162735	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	92	113981	25.0	25.3	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	151264	25.0	26.7	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	96	423635	25.0	25.0	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	89	118054	25.0	23.6	
11 Dichlorodifluoromethane	85		0.916					ND	
12 Chlorodifluoromethane	51		0.926					ND	
13 Chloromethane	50		1.030					ND	
14 Vinyl chloride	62		1.102					ND	
151 Butadiene	54		1.123					ND	
15 Bromomethane	94		1.320					ND	
16 Chloroethane	64		1.382					ND	
17 Trichlorofluoromethane	101		1.548					ND	
18 Dichlorofluoromethane	67		1.558					ND	
19 Ethyl ether	59		1.797					ND	
148 Ethanol	45		1.817					ND	
84 Propene oxide	58		1.869					ND	
21 Acrolein	56		1.952					ND	
22 1,1-Dichloroethene	96		1.962					ND	
20 1,1,2-Trichloro-1,2,2-trif	101		1.973					ND	
23 Acetone	43		2.107					ND	
24 Iodomethane	142		2.107					ND	
25 Carbon disulfide	76		2.128					ND	
26 Isopropyl alcohol	45		2.294					ND	
27 3-Chloro-1-propene	41		2.304					ND	
28 Methyl acetate	43		2.367					ND	
29 Acetonitrile	40		2.387					ND	
30 Methylene Chloride	84		2.439					ND	
33 Methyl tert-butyl ether	73		2.636					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 trans-1,2-Dichloroethene	96		2.636					ND	
31 2-Methyl-2-propanol	59		2.636					ND	
34 Acrylonitrile	53		2.709					ND	
35 Hexane	57		2.802					ND	
36 1,1-Dichloroethane	63		2.999					ND	
37 Isopropyl ether	45		3.030					ND	
38 2-Chloro-1,3-butadiene	53		3.051					ND	
139 Halothane	117		3.061					ND	
39 Vinyl acetate	43		3.071					ND	
40 1,1-Dimethoxyethane	75		3.102					ND	
41 Tert-butyl ethyl ether	59		3.320					ND	
42 2,2-Dichloropropane	77		3.444					ND	
43 cis-1,2-Dichloroethene	96		3.475					ND	
44 2-Butanone (MEK)	43		3.527					ND	
45 Ethyl acetate	43		3.558					ND	
46 Propionitrile	54		3.621					ND	
47 Chlorobromomethane	128		3.672					ND	
48 Tetrahydrofuran	42		3.703					ND	
49 Methacrylonitrile	41		3.703					ND	
50 Chloroform	83		3.734					ND	
52 Cyclohexane	56		3.817					ND	
51 1,1,1-Trichloroethane	97		3.817					ND	
53 Carbon tetrachloride	117		3.931					ND	
54 1,1-Dichloropropene	75		3.942					ND	
55 Benzene	78		4.118					ND	
152 Isooctane	57		4.118					ND	
56 Isobutyl alcohol	43		4.170					ND	
57 1,2-Dichloroethane	62		4.170					ND	
58 Tert-amyl methyl ether	73		4.190					ND	
147 t-Amyl alcohol	59		4.211					ND	
59 n-Heptane	43		4.263					ND	
1 1,4-Difluorobenzene	114		4.429					ND	
141 2,4,4-Trimethyl-1-pentene	55		4.522					ND	
60 Trichloroethene	95		4.605					ND	
61 n-Butanol	56		4.667					ND	
62 Methylcyclohexane	83		4.688					ND	
140 2,4,4-Trimethyl-2-pentene	97		4.709					ND	
142 Ethyl acrylate	55		4.729					ND	
63 1,2-Dichloropropane	63		4.792					ND	
65 Dibromomethane	93		4.895					ND	
64 Methyl methacrylate	41		4.895					ND	
66 1,4-Dioxane	88		4.926					ND	
67 Dichlorobromomethane	83		5.020					ND	
68 2-Nitropropane	43		5.237					ND	
69 2-Chloroethyl vinyl ether	63		5.258					ND	
70 Epichlorohydrin	57		5.330					ND	
71 cis-1,3-Dichloropropene	75		5.351					ND	
72 4-Methyl-2-pentanone (MIBK	43		5.475					ND	
73 Toluene	92		5.569					ND	
74 2-Methylthiophene	97		5.672					ND	
75 trans-1,3-Dichloropropene	75		5.786					ND	
76 3-Methylthiophene	97		5.797					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
77 Ethyl methacrylate	69		5.838					ND	
78 1,1,2-Trichloroethane	83		5.931					ND	
79 Tetrachloroethene	166		5.963					ND	
80 1,3-Dichloropropane	76		6.045					ND	
81 2-Hexanone	43		6.118					ND	
155 n-Butyl acetate	43		6.201					ND	
82 Chlorodibromomethane	129		6.222					ND	
83 Ethylene Dibromide	107		6.294					ND	
146 1-Chlorohexane	55		6.626					ND	
85 3-Chlorobenzotrifluoride	180		6.636					ND	
86 Chlorobenzene	112		6.657					ND	
87 4-Chlorobenzotrifluoride	180		6.688					ND	
89 1,1,1,2-Tetrachloroethane	131		6.729					ND	
88 Ethylbenzene	91		6.729					ND	
90 m-Xylene & p-Xylene	106		6.812					ND	
91 o-Xylene	106		7.134					ND	
92 Styrene	104		7.154					ND	
93 Bromoform	173		7.330					ND	
94 2-Chlorobenzotrifluoride	180		7.362					ND	
95 Isopropylbenzene	105		7.413					ND	
96 Cyclohexanone	55		7.558					ND	
97 Bromobenzene	156		7.672					ND	
98 1,1,2,2-Tetrachloroethane	83		7.724					ND	
99 N-Propylbenzene	91		7.745					ND	
100 1,2,3-Trichloropropane	110		7.755					ND	
101 trans-1,4-Dichloro-2-buten	53		7.766					ND	
105 2-Chlorotoluene	126		7.828					ND	
103 3-Chlorotoluene	126		7.880					ND	
104 1,3,5-Trimethylbenzene	105		7.890					ND	
102 4-Chlorotoluene	91		7.911					ND	
106 tert-Butylbenzene	134		8.149					ND	
107 1,2,4-Trimethylbenzene	105		8.191					ND	
108 Pentachloroethane	167		8.191					ND	
109 sec-Butylbenzene	105		8.325					ND	
110 1,3-Dichlorobenzene	146		8.429					ND	
111 4-Isopropyltoluene	119		8.450					ND	
112 Dicyclopentadiene	66		8.481					ND	
113 1,4-Dichlorobenzene	146		8.501					ND	
114 1,2,3-Trimethylbenzene	105		8.533					ND	
150 Benzyl chloride	126		8.636					ND	
115 n-Butylbenzene	91		8.781					ND	
116 1,2-Dichlorobenzene	146		8.812					ND	
117 1,2-Dibromo-3-Chloropropan	75		9.486					ND	
118 1,3,5-Trichlorobenzene	180		9.600					ND	
119 1,2,4-Trichlorobenzene	180		10.118					ND	
120 Hexachlorobutadiene	225		10.232					ND	
121 Naphthalene	128		10.336					ND	
122 1,2,3-Trichlorobenzene	180		10.533					ND	
149 2-Methylnaphthalene	142		11.237					ND	
143 Propene oxide TIC	1		0.000					ND	
144 1-Bromopropane TIC	1		0.000					ND	
145 Ethylene oxide TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
138 cis-1,4-Dichloro-2-butene	88		0.000					ND	
136 Nitrobenzene	77		0.000					ND	
135 Hexachloroethane	117		0.000					ND	
137 Methyl acrylate	1		0.000					ND	
S 123 1,3-Dichloropropene, Total	1		30.000					0	
S 124 1,2-Dichloroethene, Total	1		30.000					0	
S 125 Total BTEX	1		30.000					0	
S 126 Xylenes, Total	1		30.000					0	
T 131 tert-amyl alcohol TIC	1		0.000					0	
T 130 Bromoethane TIC	1		0.000					0	
T 132 bis(chloromethyl)ether TIC	1		0.000					0	
T 134 1-Bromopropane	1		0.000					0	
T 133 Pentachloroethane TIC	1		0.000					0	
T 129 Aziridine TIC	1		0.000					0	
T 128 Hexachloroethane TIC	117		0.000					0	
T 127 Ethanol TIC	1		0.000					0	
T 9 bis(2-chloromethyl)ether T	1		0.000					0	
T 10 Ethylene oxide	1		0.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

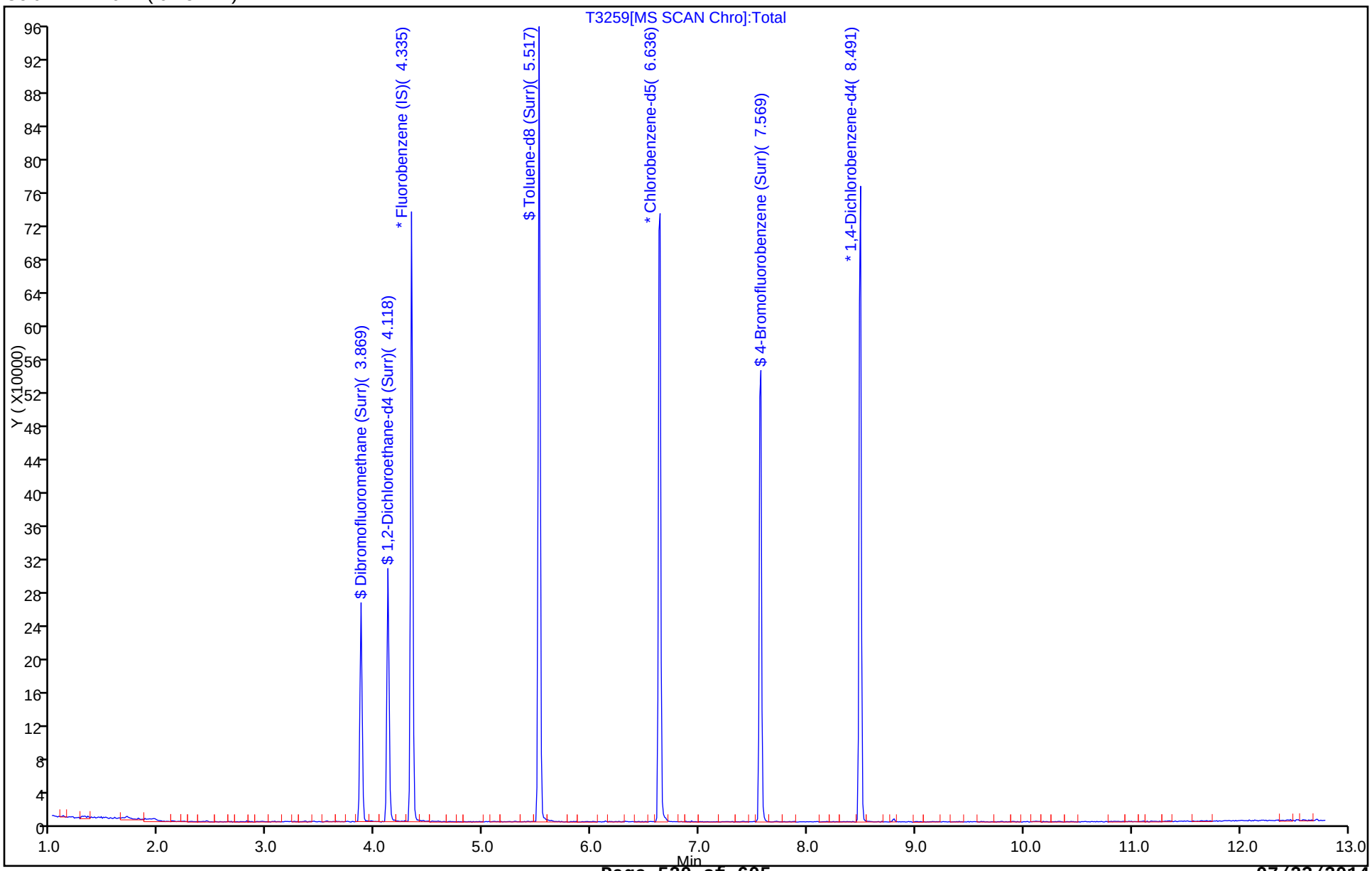
Report Date: 14-Jul-2014 20:37:16 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3259.D

Injection Date:	14-Jul-2014 20:14:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	MB			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	60
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB 480-190958/1-A

Matrix: Solid (TCLP) | Lab File ID: S39988.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/07/2014 18:57

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 10

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

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

Analysis Batch No.: 191393 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	ND		0.010	0.0029
107-06-2	1,2-Dichloroethane	ND		0.010	0.0021
78-93-3	2-Butanone (MEK)	ND		0.050	0.013
71-43-2	Benzene	ND		0.010	0.0041
56-23-5	Carbon tetrachloride	ND		0.010	0.0027
108-90-7	Chlorobenzene	ND		0.010	0.0075
67-66-3	Chloroform	ND		0.010	0.0034
127-18-4	Tetrachloroethene	ND		0.010	0.0036
79-01-6	Trichloroethene	ND		0.010	0.0046
75-01-4	Vinyl chloride	ND		0.010	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39988.D
Lims ID: LB 480-190958/1-A
Client ID:
Sample Type: LB
Inject. Date: 07-Jul-2014 18:57:30 ALS Bottle#: 14 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: LB 480-190958/1-A
Misc. Info.: 480-0033550-024 =480-0033550-024
Operator ID: NQ Instrument ID: HP5973S

Method: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 10:18:02 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: nguyendudziaknq Date: 08-Jul-2014 10:18:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	201064	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	393625	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.696	8.696	0.000	96	330408	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.066	4.060	0.006	58	205675	25.0	23.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	166629	25.0	25.4	
$ 5 Toluene-d8 (Surr)	98	5.702	5.696	0.006	93	938114	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	88	285085	25.0	23.5	
10 Dichlorodifluoromethane	85		1.201					ND	
11 Chlorodifluoromethane	51		1.225					ND	
12 Chloromethane	50		1.328					ND	
13 Vinyl chloride	62		1.413					ND	
151 Butadiene	54		1.426					ND	
14 Bromomethane	94		1.675					ND	
15 Chloroethane	64		1.748					ND	
17 Trichlorofluoromethane	101		1.894					ND	
16 Dichlorofluoromethane	67		1.900					ND	
18 Ethyl ether	59		2.095					ND	
148 Ethanol	45		2.107					ND	
19 Propene oxide	58		2.180					ND	
20 Acrolein	56		2.259					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.290					ND	
22 1,1-Dichloroethene	96		2.320					ND	
23 Acetone	43		2.393					ND	
25 Iodomethane	142		2.472					ND	
26 Carbon disulfide	76		2.490					ND	
24 Isopropyl alcohol	45		2.527					ND	
28 3-Chloro-1-propene	41		2.588					ND	
27 Methyl acetate	43		2.630					ND	
29 Acetonitrile	40		2.661					ND	
30 Methylene Chloride	84	2.782	2.770	0.012	77	26185		0.5004	
31 2-Methyl-2-propanol	59		2.849					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		2.880					ND	
34 trans-1,2-Dichloroethene	96		2.892					ND	
33 Acrylonitrile	53		2.953					ND	
35 Hexane	57		3.050					ND	
39 1,1-Dichloroethane	63		3.239					ND	
36 Isopropyl ether	45		3.245					ND	
37 Vinyl acetate	43		3.281					ND	
40 2-Chloro-1,3-butadiene	53		3.287					ND	
38 1,1-Dimethoxyethane	75		3.312					ND	
41 Tert-butyl ethyl ether	59		3.518					ND	
139 Halothane	117		3.523					ND	
44 2,2-Dichloropropane	77		3.664					ND	
45 cis-1,2-Dichloroethene	96		3.689					ND	
43 2-Butanone (MEK)	43		3.725					ND	
42 Ethyl acetate	43		3.743					ND	
46 Propionitrile	54		3.816					ND	
48 Chlorobromomethane	128		3.877					ND	
47 Methacrylonitrile	41		3.902					ND	
49 Tetrahydrofuran	42		3.902					ND	
50 Chloroform	83		3.938					ND	
51 1,1,1-Trichloroethane	97		4.029					ND	
52 Cyclohexane	56		4.035					ND	
55 Carbon tetrachloride	117		4.139					ND	
54 1,1-Dichloropropene	75		4.151					ND	
152 Isooctane	57		4.309					ND	
57 Benzene	78		4.315					ND	
53 Isobutyl alcohol	43		4.321					ND	
56 Tert-amyl methyl ether	73		4.370					ND	
147 t-Amyl alcohol	59		4.370					ND	
58 1,2-Dichloroethane	62		4.370					ND	
59 n-Heptane	43		4.443					ND	
1 1,4-Difluorobenzene	114		4.613					ND	
62 Trichloroethene	95		4.790					ND	
60 n-Butanol	56		4.808					ND	
64 Methylcyclohexane	83		4.881					ND	
142 Ethyl acrylate	55		4.887					ND	
65 1,2-Dichloropropane	63		4.985					ND	
141 2,4,4-Trimethyl-1-pentene	55		4.994					ND	
63 Methyl methacrylate	41		5.057					ND	
67 Dibromomethane	93		5.088					ND	
66 1,4-Dioxane	88		5.100					ND	
140 2,4,4-Trimethyl-2-pentene	97		5.153					ND	
68 Dichlorobromomethane	83		5.204					ND	
70 2-Nitropropane	43		5.410					ND	
69 2-Chloroethyl vinyl ether	63		5.423					ND	
71 Epichlorohydrin	57		5.502					ND	
72 cis-1,3-Dichloropropene	75		5.526					ND	
73 4-Methyl-2-pentanone (MIBK	43		5.642					ND	
74 Toluene	92	5.751	5.751	0.000	72	6721		0.2316	
76 2-Methylthiophene	97		5.854					ND	
77 trans-1,3-Dichloropropene	75		5.958					ND	
78 3-Methylthiophene	97		5.982					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
75 Ethyl methacrylate	69		5.988					ND	
79 1,1,2-Trichloroethane	83		6.104					ND	
81 Tetrachloroethene	166		6.146					ND	
82 1,3-Dichloropropane	76		6.232					ND	
80 2-Hexanone	43		6.280					ND	
83 Chlorodibromomethane	129		6.408					ND	
84 Ethylene Dibromide	107		6.493					ND	
146 1-Chlorohexane	55		6.797					ND	
85 3-Chlorobenzotrifluoride	180		6.810					ND	
87 Chlorobenzene	112		6.846					ND	
86 4-Chlorobenzotrifluoride	180		6.858					ND	
88 Ethylbenzene	91		6.913					ND	
89 1,1,1,2-Tetrachloroethane	131		6.919					ND	
90 m-Xylene & p-Xylene	106		7.004					ND	
91 o-Xylene	106		7.321					ND	
92 Styrene	104		7.345					ND	
95 Bromoform	173		7.534					ND	
93 2-Chlorobenzotrifluoride	180		7.546					ND	
94 Isopropylbenzene	105		7.607					ND	
96 Cyclohexanone	55		7.753					ND	
101 Bromobenzene	156		7.880					ND	
97 1,1,2,2-Tetrachloroethane	83		7.917					ND	
99 N-Propylbenzene	91		7.941					ND	
100 1,2,3-Trichloropropane	110		7.947					ND	
98 trans-1,4-Dichloro-2-buten	53		7.953					ND	
103 2-Chlorotoluene	126		8.026					ND	
104 3-Chlorotoluene	126		8.075					ND	
102 1,3,5-Trimethylbenzene	105		8.081					ND	
105 4-Chlorotoluene	126		8.118					ND	
106 tert-Butylbenzene	134		8.343					ND	
107 1,2,4-Trimethylbenzene	105		8.385					ND	
108 Pentachloroethane	167		8.391					ND	
109 sec-Butylbenzene	105		8.519					ND	
111 1,3-Dichlorobenzene	146		8.635					ND	
110 4-Isopropyltoluene	119		8.641					ND	
114 Dicyclopentadiene	66		8.695					ND	
113 1,4-Dichlorobenzene	146		8.714					ND	
112 1,2,3-Trimethylbenzene	105		8.738					ND	
150 Benzyl chloride	126		8.848					ND	
115 n-Butylbenzene	91		8.975					ND	
116 1,2-Dichlorobenzene	146		9.024					ND	
117 1,2-Dibromo-3-Chloropropan	75		9.699					ND	
118 1,3,5-Trichlorobenzene	180		9.821					ND	
119 1,2,4-Trichlorobenzene	180		10.344					ND	
120 Hexachlorobutadiene	225		10.454					ND	
121 Naphthalene	128	10.557	10.563	-0.006	33	9432		0.2365	
122 1,2,3-Trichlorobenzene	180		10.752					ND	
149 2-Methylnaphthalene	142		11.433					ND	
143 Propene oxide TIC	1		0.000					ND	
145 Ethylene oxide TIC	1		0.000					ND	
135 Hexachloroethane	117		0.000					ND	
144 1-Bromopropane TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
138 cis-1,4-Dichloro-2-butene	88		0.000					ND	
136 Nitrobenzene	77		0.000					ND	
137 Methyl acrylate	1		0.000					ND	
134 Pentachloroethane TIC	1		0.000					ND	
S 123 Total BTEX	1				0			0.2316	
S 124 Xylenes, Total	1		30.000					0	
S 125 1,2-Dichloroethene, Total	1		30.000					0	
S 126 1,3-Dichloropropene, Total	1		30.000					0	
T 7 Ethylene oxide	44		1.528					0	
T 128 Hexachloroethane TIC	1		0.000					0	
T 133 Aziridine TIC	1		0.000					0	
T 9 bis(2-chloromethyl)ether T	1		0.000					0	
T 127 Ethanol TIC	45		0.000					0	
T 129 bis(chloromethyl)ether TIC	1		0.000					0	
T 130 Bromoethane TIC	1		0.000					0	
T 131 1-Bromopropane	1		0.000					0	
T 132 tert-amyl alcohol TIC	1		0.000					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

S_8260_Surr_00089	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent

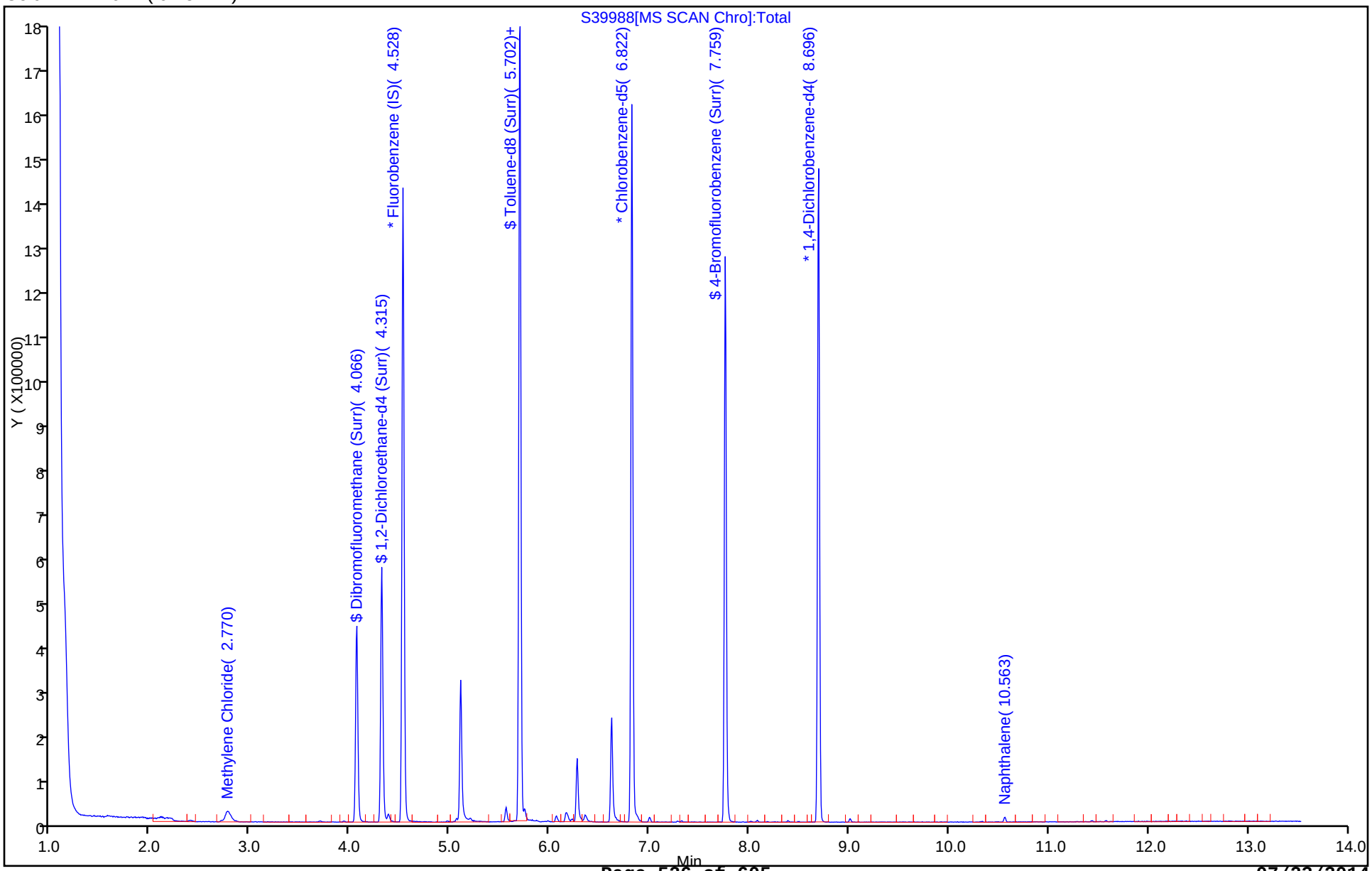
Report Date: 08-Jul-2014 10:18:11 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39988.D

Injection Date:	07-Jul-2014 18:57:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	LB 480-190958/1-A			Worklist Smp#:	24
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	14
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-190420/7

Matrix: Solid | Lab File ID: F9561.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/28/2014 11:39

Soil Aliquot Vol: 5 (g) | Dilution Factor: 1

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

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

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	42.7		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	49.8		5.0	0.81
79-00-5	1,1,2-Trichloroethane	46.7		5.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50.0		5.0	1.1
75-34-3	1,1-Dichloroethane	44.7		5.0	0.61
75-35-4	1,1-Dichloroethene	53.1		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	50.3		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	49.5		5.0	2.5
95-50-1	1,2-Dichlorobenzene	45.7		5.0	0.39
107-06-2	1,2-Dichloroethane	44.6		5.0	0.25
78-87-5	1,2-Dichloropropane	44.1		5.0	2.5
541-73-1	1,3-Dichlorobenzene	43.2		5.0	0.26
106-46-7	1,4-Dichlorobenzene	41.9		5.0	0.70
591-78-6	2-Hexanone	243		25	2.5
78-93-3	2-Butanone (MEK)	422		25	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	243		25	1.6
67-64-1	Acetone	292		25	4.2
71-43-2	Benzene	42.8		5.0	0.25
75-27-4	Bromodichloromethane	48.1		5.0	0.67
75-25-2	Bromoform	54.8		5.0	2.5
74-83-9	Bromomethane	47.9		5.0	0.45
75-15-0	Carbon disulfide	59.2		5.0	2.5
56-23-5	Carbon tetrachloride	43.1		5.0	0.48
108-90-7	Chlorobenzene	43.8		5.0	0.66
124-48-1	Dibromochloromethane	52.1		5.0	0.64
75-00-3	Chloroethane	47.6		5.0	1.1
67-66-3	Chloroform	43.9		5.0	0.31
74-87-3	Chloromethane	51.8		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	46.1		5.0	0.64
10061-01-5	cis-1,3-Dichloropropene	48.9		5.0	0.72
110-82-7	Cyclohexane	40.3		5.0	0.70
75-71-8	Dichlorodifluoromethane	38.7		5.0	0.41
106-93-4	1,2-Dibromoethane	48.8		5.0	0.64
100-41-4	Ethylbenzene	43.4		5.0	0.35
98-82-8	Isopropylbenzene	45.2		5.0	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-190420/7

Matrix: Solid | Lab File ID: F9561.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 06/28/2014 11:39

Soil Aliquot Vol: 5 (g) | Dilution Factor: 1

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

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

Analysis Batch No.: 190420 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	288		5.0	3.0
1634-04-4	Methyl tert-butyl ether	50.3		5.0	0.49
108-87-2	Methylcyclohexane	41.5		5.0	0.76
75-09-2	Methylene Chloride	44.2		5.0	2.3
100-42-5	Styrene	48.5		5.0	0.25
127-18-4	Tetrachloroethene	49.1		5.0	0.67
108-88-3	Toluene	43.6		5.0	0.38
156-60-5	trans-1,2-Dichloroethene	46.5		5.0	0.52
10061-02-6	trans-1,3-Dichloropropene	47.5		5.0	2.2
79-01-6	Trichloroethene	44.2		5.0	1.1
75-69-4	Trichlorofluoromethane	42.5		5.0	0.47
75-01-4	Vinyl chloride	48.4		5.0	0.61
1330-20-7	Xylenes, Total	91.7		10	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
2037-26-5	Toluene-d8 (Surr)	99		71-125
460-00-4	4-Bromofluorobenzene (Surr)	106		72-126
1868-53-7	Dibromofluoromethane (Surr)	96		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9561.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 28-Jun-2014 11:39:30 ALS Bottle#: 27 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0033377-007 =480-0033377-007
Operator ID: RAS Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 28-Jun-2014 11:35:55 Calib Date: 23-Jun-2014 06:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140622-33180.b\F9394.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: sobolr Date: 28-Jun-2014 11:42:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.468	0.006	99	70983	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	79	161056	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	80	172867	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.945	0.000	69	90126	50.0	48.1	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	54777	50.0	51.5	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	90	353224	50.0	49.6	
$ 6 4-Bromofluorobenzene (Surr	174	9.514	9.514	0.000	95	126971	50.0	53.1	
10 Dichlorodifluoromethane	85	1.958	1.946	0.012	86	118811	50.0	38.7	
11 Chlorodifluoromethane	51	1.970	1.970	0.000	77	164273	100.0	76.5	
12 Chloromethane	50	2.110	2.104	0.006	89	73483	50.0	51.8	
13 Vinyl chloride	62	2.232	2.220	0.012	82	53066	50.0	48.4	
151 Butadiene	54	2.238	2.226	0.012	90	47862	50.0	47.3	
14 Bromomethane	94	2.518	2.512	0.006	86	36460	50.0	47.9	
15 Chloroethane	64	2.585	2.573	0.012	86	27252	50.0	47.6	
16 Dichlorofluoromethane	67	2.761	2.755	0.006	80	79290	50.0	45.5	
17 Trichlorofluoromethane	101	2.810	2.804	0.006	80	82355	50.0	42.5	
148 Ethanol	45	2.974	2.950	0.024	76	55460	2500.0	6885.9	
18 Ethyl ether	59	2.974	2.968	0.006	91	49025	50.0	48.0	
19 Propene oxide	58	3.071	3.078	-0.007	91	84699	NC	NC	
20 Acrolein	56	3.132	3.126	0.006	72	52963	250.0	305.8	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.169	0.000	78	80633	50.0	50.0	
22 1,1-Dichloroethene	96	3.205	3.199	0.006	84	80854	50.0	53.1	
23 Acetone	43	3.248	3.242	0.006	97	157540	250.0	291.6	
24 Isopropyl alcohol	45	3.333	3.339	-0.006	56	55180	500.0	374.1	
25 Iodomethane	142	3.363	3.351	0.012	97	174327	50.0	55.9	
26 Carbon disulfide	76	3.418	3.406	0.012	97	299444	50.0	59.2	M
27 Methyl acetate	43	3.473	3.461	0.012	97	396930	250.0	288.0	
28 3-Chloro-1-propene	41	3.479	3.467	0.012	71	235910	50.0	87.5	
29 Acetonitrile	40	3.503	3.516	-0.013	90	70162	500.0	547.7	
30 Methylene Chloride	84	3.588	3.582	0.006	80	106451	50.0	44.2	
31 2-Methyl-2-propanol	59	3.643	3.631	0.012	96	132723	500.0	565.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
32 Methyl tert-butyl ether	73	3.734	3.728	0.006	84	322911	50.0	50.3	
34 trans-1,2-Dichloroethene	96	3.777	3.771	0.006	93	109795	50.0	46.5	
33 Acrylonitrile	53	3.789	3.783	0.006	99	426172	500.0	486.6	
35 Hexane	57	3.911	3.905	0.006	89	160299	50.0	36.0	
36 Isopropyl ether	45	4.063	4.063	0.000	86	328662	50.0	49.4	
134 Halothane	117	4.063	4.069	-0.006	55	78391	50.0	49.0	
37 Vinyl acetate	43	4.093	4.087	0.006	97	583882	100.0	145.8	
39 1,1-Dichloroethane	63	4.106	4.106	0.000	68	184993	50.0	44.7	
38 1,1-Dimethoxyethane	75	4.136	4.136	0.000	61	133005	250.0	264.7	
40 2-Chloro-1,3-butadiene	53	4.160	4.160	0.000	85	164711	50.0	47.4	
41 Tert-butyl ethyl ether	59	4.343	4.343	0.000	97	337975	50.0	51.4	
42 Ethyl acetate	43	4.550	4.550	0.000	93	498043	100.0	232.9	
43 2-Butanone (MEK)	43	4.550	4.550	0.000	97	498043	250.0	422.0	
44 2,2-Dichloropropane	77	4.556	4.550	0.006	62	145120	50.0	44.3	
45 cis-1,2-Dichloroethene	96	4.568	4.562	0.006	69	125730	50.0	46.1	
46 Propionitrile	54	4.647	4.647	0.000	97	166925	500.0	486.4	
47 Methacrylonitrile	41	4.744	4.744	0.000	91	689251	500.0	530.5	
48 Chlorobromomethane	128	4.775	4.769	0.006	83	62890	50.0	45.9	
49 Tetrahydrofuran	42	4.793	4.781	0.012	70	93656	100.0	121.2	
50 Chloroform	83	4.805	4.799	0.006	66	186811	50.0	43.9	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	90	152019	50.0	42.7	
52 Cyclohexane	56	4.982	4.976	0.006	87	178862	50.0	40.3	
54 1,1-Dichloropropene	75	5.073	5.067	0.006	94	135704	50.0	42.6	
55 Carbon tetrachloride	117	5.079	5.079	0.000	79	140218	50.0	43.1	
53 Isobutyl alcohol	43	5.128	5.128	0.000	90	131363	1250.0	1059.1	
147 t-Amyl alcohol	59	5.207	5.207	0.000	86	413669	1500.0	1642.3	
152 Isooctane	57	5.225	5.225	0.000	94	418229	50.0	45.0	
57 Benzene	78	5.255	5.255	0.000	95	425329	50.0	42.8	
56 Tert-amyl methyl ether	73	5.268	5.268	0.000	91	384161	50.0	56.2	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	80	140657	50.0	44.6	
59 n-Heptane	43	5.347	5.341	0.006	88	167791	50.0	40.8	
1 1,4-Difluorobenzene	114	5.535	5.541	-0.006	87	363425	50.0	47.1	
136 2,4,4-Trimethyl-1-pentene	55	5.663	5.663	0.000	92	87593	NC	NC	
60 n-Butanol	56	5.675	5.675	0.000	74	136524	500.0	485.9	
62 Trichloroethene	95	5.779	5.779	0.000	91	113568	50.0	44.2	
137 Ethyl acrylate	55	5.809	5.803	0.006	97	148063	50.0	51.5	M
135 2,4,4-Trimethyl-2-pentene	97	5.845	5.846	-0.001	60	237659	NC	NC	
64 Methylcyclohexane	83	5.918	5.912	0.006	84	189152	50.0	41.5	
65 1,2-Dichloropropane	63	5.998	5.998	0.000	89	100580	50.0	44.1	
63 Methyl methacrylate	41	6.010	6.010	0.000	92	243569	100.0	131.4	
66 1,4-Dioxane	88	6.107	6.101	0.006	73	27323	1000.0	1083.6	
67 Dibromomethane	93	6.131	6.131	0.000	87	64485	50.0	47.1	
68 Dichlorobromomethane	83	6.241	6.241	0.000	93	140959	50.0	48.1	
69 2-Chloroethyl vinyl ether	63	6.448	6.448	0.000	80	70894	50.0	50.1	
70 2-Nitropropane	43	6.454	6.460	-0.006	79	100660	100.0	228.5	
71 Epichlorohydrin	57	6.563	6.569	-0.006	97	263678	1000.0	1078.4	
72 cis-1,3-Dichloropropene	75	6.624	6.618	0.006	82	171679	50.0	48.9	
73 4-Methyl-2-pentanone (MIBK	43	6.722	6.722	0.000	94	549297	250.0	243.2	
74 Toluene	92	6.922	6.916	0.006	97	274962	50.0	43.6	
75 Ethyl methacrylate	69	7.135	7.135	0.000	87	137673	50.0	50.1	
77 trans-1,3-Dichloropropene	75	7.141	7.135	0.006	91	139991	50.0	47.5	
79 1,1,2-Trichloroethane	83	7.342	7.336	0.006	82	77928	50.0	46.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
81 Tetrachloroethene	166	7.439	7.439	0.000	92	143882	50.0	49.1	
82 1,3-Dichloropropane	76	7.506	7.500	0.006	95	156890	50.0	45.9	
80 2-Hexanone	43	7.512	7.512	0.000	93	389816	250.0	242.6	
155 n-Butyl acetate	43	7.591	7.585	0.006	0	169417	50.0	52.7	
83 Chlorodibromomethane	129	7.750	7.744	0.006	86	113846	50.0	52.1	
84 Ethylene Dibromide	107	7.877	7.877	0.000	97	104021	50.0	48.8	
146 1-Chlorohexane	55	8.224	8.224	0.000	85	93959	50.0	45.3	
85 3-Chlorobenzotrifluoride	180	8.224	8.224	0.000	90	196950	50.0	47.7	
86 4-Chlorobenzotrifluoride	180	8.285	8.279	0.006	85	182889	50.0	45.9	
87 Chlorobenzene	112	8.328	8.328	0.000	94	303423	50.0	43.8	
88 Ethylbenzene	91	8.395	8.388	0.006	97	494409	50.0	43.4	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	87	108392	50.0	47.5	
90 m-Xylene & p-Xylene	106	8.510	8.504	0.006	0	207247	50.0	44.9	
91 o-Xylene	106	8.936	8.942	-0.006	95	203104	50.0	46.8	
92 Styrene	104	8.960	8.960	0.000	94	353709	50.0	48.5	
93 2-Chlorobenzotrifluoride	180	9.216	9.216	0.000	97	186029	50.0	46.8	
95 Bromoform	173	9.234	9.234	0.000	96	78974	50.0	54.8	
94 Isopropylbenzene	105	9.307	9.301	0.006	95	514939	50.0	45.2	
96 Cyclohexanone	55	9.502	9.502	0.000	86	41777	500.0	541.0	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	87	126264	50.0	49.8	
101 Bromobenzene	156	9.690	9.684	0.006	86	142970	50.0	47.2	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	35	38255	50.0	48.6	
99 N-Propylbenzene	91	9.721	9.721	0.000	98	568230	50.0	44.0	
100 1,2,3-Trichloropropane	110	9.733	9.727	0.006	75	41337	50.0	48.5	
103 2-Chlorotoluene	126	9.848	9.849	-0.001	97	130883	50.0	47.4	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	92	442838	50.0	46.6	
104 3-Chlorotoluene	126	9.909	9.909	0.000	91	147933	50.0	51.3	
105 4-Chlorotoluene	126	9.958	9.952	0.006	97	137121	50.0	47.2	
106 tert-Butylbenzene	134	10.201	10.207	-0.006	88	97951	50.0	45.7	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	92	447033	50.0	46.2	
108 Pentachloroethane	167	10.280	10.280	0.000	84	73760	50.0	58.5	
109 sec-Butylbenzene	105	10.408	10.408	0.000	93	537225	50.0	43.3	
110 4-Isopropyltoluene	119	10.530	10.530	0.000	96	484434	50.0	44.6	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	95	251347	50.0	43.2	
114 Dicyclopentadiene	66	10.639	10.639	0.000	96	413277	50.0	41.1	
113 1,4-Dichlorobenzene	146	10.652	10.646	0.006	89	244325	50.0	41.9	
112 1,2,3-Trimethylbenzene	105	10.658	10.658	0.000	94	428460	50.0	43.9	
150 Benzyl chloride	126	10.773	10.773	0.000	97	55498	50.0	58.1	
115 n-Butylbenzene	91	10.901	10.901	0.000	93	387702	50.0	41.7	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	98	245585	50.0	45.7	
117 1,2-Dibromo-3-Chloropropan	75	11.667	11.668	-0.001	77	22586	50.0	49.5	
118 1,3,5-Trichlorobenzene	180	11.795	11.795	0.000	96	208906	50.0	51.4	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	93	190548	50.0	50.3	
120 Hexachlorobutadiene	225	12.404	12.404	0.000	91	106349	50.0	45.7	
121 Naphthalene	128	12.544	12.544	0.000	96	461223	50.0	52.3	
122 1,2,3-Trichlorobenzene	180	12.756	12.757	0.000	94	173653	50.0	49.2	
149 2-Methylnaphthalene	142	13.608	13.608	0.000	87	245648	50.0	49.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Review Flags
M - Manually Integrated

Reagents:

ADD CORP mix_00009	Amount Added:	25.00	Units: uL	
3_MCP_Add_WRK_00036	Amount Added:	25.00	Units: uL	
8260 CORP mix_00015	Amount Added:	25.00	Units: uL	
GAS CORP mix_00034	Amount Added:	25.00	Units: uL	
F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00242	Amount Added:	1.00	Units: uL	Run Reagent

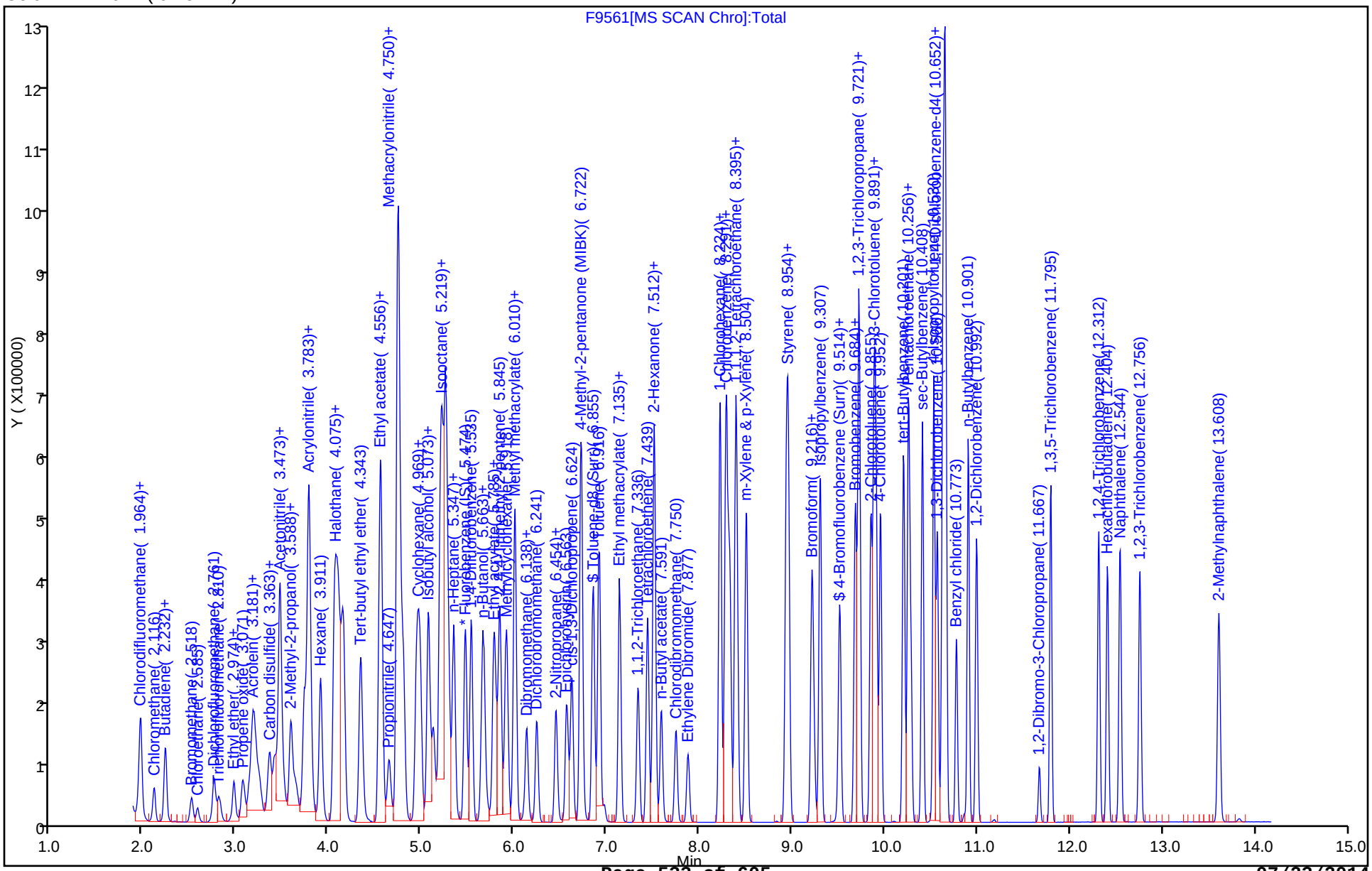
Report Date: 28-Jun-2014 11:42:07 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9561.D

Injection Date:	28-Jun-2014 11:39:30	Instrument ID:	HP5973F	Operator ID:	RAS
Lims ID:	LCS			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

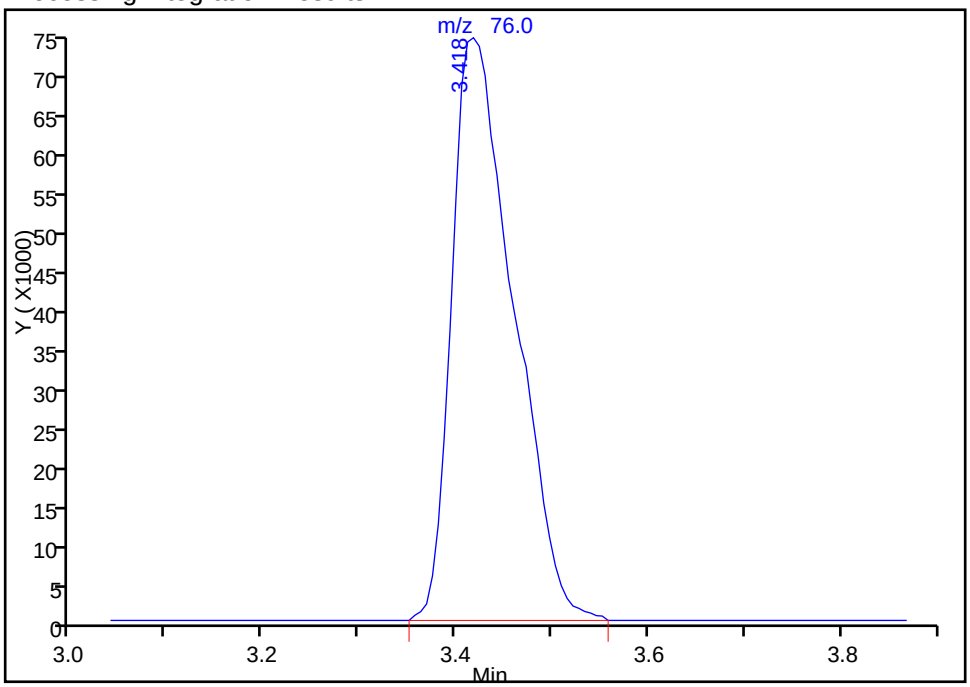
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140628-33377.b\F9561.D
Injection Date: 28-Jun-2014 11:39:30 Instrument ID: HP5973F
Lims ID: LCS
Client ID:
Operator ID: RAS ALS Bottle#: 27 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: F-8260 SOIL Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

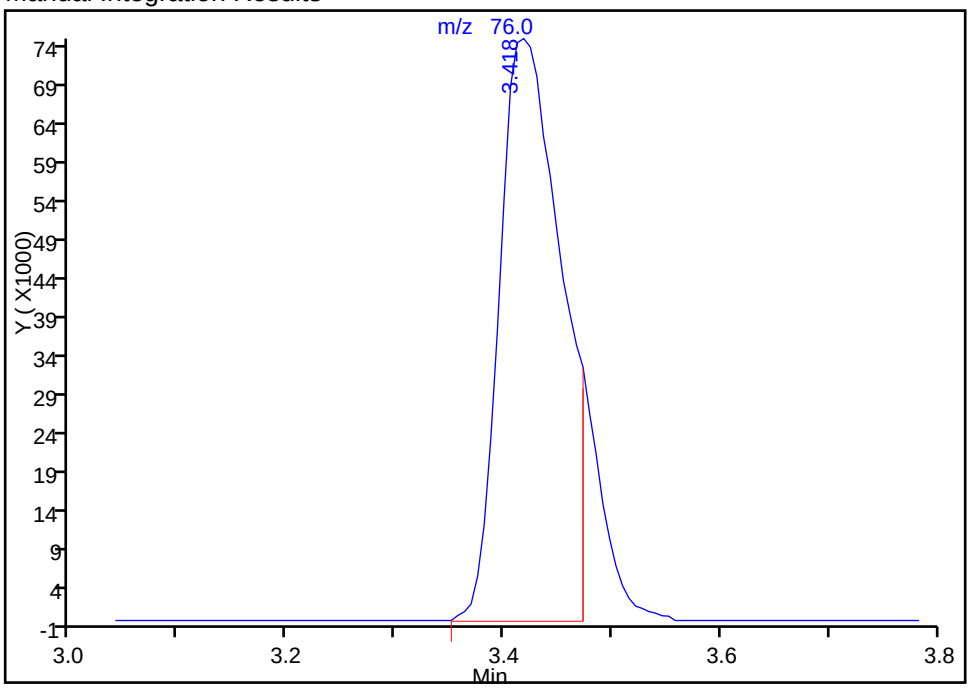
Processing Integration Results

RT: 3.42
Response: 333215
Amount: 65.921462



Manual Integration Results

RT: 3.42
Response: 299444
Amount: 59.240389



Reviewer: sobolr, 28-Jun-2014 11:42:06
Audit Action: Manually Integrated
Audit Reason: Coelution

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-191393/6

Matrix: Solid | Lab File ID: S39969.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/07/2014 11:56

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 191393 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0251		0.0010	0.00029
107-06-2	1,2-Dichloroethane	0.0247		0.0010	0.00021
78-93-3	2-Butanone (MEK)	0.130		0.0050	0.0013
71-43-2	Benzene	0.0242		0.0010	0.00041
56-23-5	Carbon tetrachloride	0.0205		0.0010	0.00027
108-90-7	Chlorobenzene	0.0245		0.0010	0.00075
67-66-3	Chloroform	0.0244		0.0010	0.00034
127-18-4	Tetrachloroethene	0.0251		0.0010	0.00036
79-01-6	Trichloroethene	0.0247		0.0010	0.00046
75-01-4	Vinyl chloride	0.0271		0.0010	0.00090

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39969.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Jul-2014 11:56:30 ALS Bottle#: 93 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0033550-006 =480-0033550-006
Operator ID: NQ Instrument ID: HP5973S

Method: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Jul-2014 12:17:25 Calib Date: 28-Jun-2014 01:44:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973S\20140627-33365.b\S39795.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: nguyendudziaknq Date: 07-Jul-2014 12:17:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.528	4.528	0.000	98	194469	25.0	25.0	
* 2 Chlorobenzene-d5	82	6.822	6.822	0.000	86	396225	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.696	8.696	0.000	75	371828	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	4.060	4.060	0.000	67	211857	25.0	24.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	4.315	4.315	0.000	0	159387	25.0	25.1	
$ 5 Toluene-d8 (Surr)	98	5.696	5.696	0.000	91	939112	25.0	24.8	
$ 6 4-Bromofluorobenzene (Surr	174	7.759	7.759	0.000	88	307202	25.0	25.2	
10 Dichlorodifluoromethane	85	1.194	1.194	0.000	87	295357	25.0	26.5	
12 Chloromethane	50	1.322	1.322	0.000	89	363078	25.0	25.9	
13 Vinyl chloride	62	1.407	1.407	0.000	83	360890	25.0	27.1	
151 Butadiene	54	1.426	1.426	0.000	92	298255	25.0	31.8	
14 Bromomethane	94	1.645	1.645	0.000	90	119175	25.0	22.9	
15 Chloroethane	64	1.748	1.748	0.000	94	191798	25.0	25.3	
17 Trichlorofluoromethane	101	1.900	1.900	0.000	53	359708	25.0	25.6	
16 Dichlorofluoromethane	67	1.900	1.900	0.000	82	429854	25.0	25.5	
18 Ethyl ether	59	2.095	2.095	0.000	90	251255	25.0	24.5	
20 Acrolein	56	2.259	2.259	0.000	97	227676	125.0	130.5	
21 1,1,2-Trichloro-1,2,2-trif	101	2.302	2.302	0.000	82	229757	25.0	25.0	
22 1,1-Dichloroethene	96	2.338	2.338	0.000	87	297962	25.0	25.1	
23 Acetone	43	2.393	2.393	0.000	99	606101	125.0	129.7	
25 Iodomethane	142	2.478	2.478	0.000	98	378324	25.0	32.1	
26 Carbon disulfide	76	2.490	2.490	0.000	100	889707	25.0	28.8	
28 3-Chloro-1-propene	41	2.588	2.588	0.000	82	310366	25.0	25.1	
27 Methyl acetate	43	2.630	2.630	0.000	96	1483186	125.0	126.7	
30 Methylene Chloride	84	2.770	2.770	0.000	83	312644	25.0	25.1	
31 2-Methyl-2-propanol	59	2.849	2.849	0.000	93	389251	250.0	233.1	
32 Methyl tert-butyl ether	73	2.880	2.880	0.000	92	855154	25.0	24.6	
34 trans-1,2-Dichloroethene	96	2.892	2.892	0.000	93	284594	25.0	25.9	
33 Acrylonitrile	53	2.953	2.953	0.000	99	1444971	250.0	262.8	
35 Hexane	57	3.044	3.044	0.000	91	333446	25.0	23.0	
39 1,1-Dichloroethane	63	3.239	3.239	0.000	85	485170	25.0	28.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 Vinyl acetate	43	3.281	3.281	0.000	97	1002306	50.0	46.3	
44 2,2-Dichloropropane	77	3.664	3.664	0.000	87	145895	25.0	23.4	
45 cis-1,2-Dichloroethene	96	3.689	3.689	0.000	69	288858	25.0	24.9	
43 2-Butanone (MEK)	43	3.725	3.725	0.000	100	982765	125.0	129.8	
48 Chlorobromomethane	128	3.877	3.877	0.000	94	137728	25.0	24.8	
49 Tetrahydrofuran	42	3.902	3.902	0.000	88	254837	50.0	50.4	
50 Chloroform	83	3.938	3.938	0.000	81	461668	25.0	24.4	
51 1,1,1-Trichloroethane	97	4.029	4.029	0.000	91	243124	25.0	23.1	
52 Cyclohexane	56	4.029	4.029	0.000	92	450603	25.0	24.3	
55 Carbon tetrachloride	117	4.139	4.139	0.000	62	208129	25.0	20.5	
54 1,1-Dichloropropene	75	4.151	4.151	0.000	93	351955	25.0	24.8	
57 Benzene	78	4.315	4.315	0.000	97	1120686	25.0	24.2	
58 1,2-Dichloroethane	62	4.370	4.370	0.000	91	407973	25.0	24.7	
53 Isobutyl alcohol	43	4.443	4.443	0.000	72	369830	625.0	486.9	
59 n-Heptane	43	4.443	4.443	0.000	93	380407	25.0	22.6	
62 Trichloroethene	95	4.790	4.790	0.000	94	271050	25.0	24.7	
64 Methylcyclohexane	83	4.881	4.881	0.000	92	396293	25.0	23.4	M
65 1,2-Dichloropropane	63	4.985	4.985	0.000	91	286353	25.0	25.1	
67 Dibromomethane	93	5.088	5.088	0.000	92	169049	25.0	25.1	
66 1,4-Dioxane	88	5.100	5.100	0.000	95	86915	500.0	576.9	M
68 Dichlorobromomethane	83	5.204	5.204	0.000	93	300683	25.0	23.6	
69 2-Chloroethyl vinyl ether	63	5.423	5.423	0.000	92	215472	25.0	25.8	
72 cis-1,3-Dichloropropene	75	5.526	5.526	0.000	88	394719	25.0	24.1	
73 4-Methyl-2-pentanone (MIBK	43	5.642	5.642	0.000	97	1994429	125.0	130.1	
74 Toluene	92	5.751	5.751	0.000	98	714807	25.0	24.5	
77 trans-1,3-Dichloropropene	75	5.958	5.958	0.000	93	332406	25.0	23.3	
75 Ethyl methacrylate	69	5.988	5.988	0.000	89	423466	25.0	24.7	
79 1,1,2-Trichloroethane	83	6.104	6.104	0.000	88	222263	25.0	24.6	
81 Tetrachloroethene	166	6.147	6.147	0.000	88	303375	25.0	25.1	
82 1,3-Dichloropropane	76	6.232	6.232	0.000	93	488397	25.0	24.6	
80 2-Hexanone	43	6.280	6.280	0.000	97	1478557	125.0	130.7	
83 Chlorodibromomethane	129	6.408	6.408	0.000	89	193210	25.0	22.1	
84 Ethylene Dibromide	107	6.493	6.493	0.000	97	268942	25.0	25.0	
87 Chlorobenzene	112	6.846	6.846	0.000	92	802555	25.0	24.5	
89 1,1,1,2-Tetrachloroethane	131	6.913	6.913	0.000	84	213302	25.0	22.7	
88 Ethylbenzene	91	6.913	6.913	0.000	99	1383863	25.0	24.6	
90 m-Xylene & p-Xylene	106	6.998	6.998	0.000	0	536426	25.0	24.7	
91 o-Xylene	106	7.321	7.321	0.000	97	516216	25.0	24.3	
92 Styrene	104	7.345	7.345	0.000	95	917075	25.0	25.3	
95 Bromoform	173	7.534	7.534	0.000	96	115498	25.0	18.1	
94 Isopropylbenzene	105	7.607	7.607	0.000	96	1387487	25.0	24.1	
101 Bromobenzene	156	7.880	7.880	0.000	95	351682	25.0	23.9	
97 1,1,2,2-Tetrachloroethane	83	7.917	7.917	0.000	86	390844	25.0	24.3	
99 N-Propylbenzene	91	7.941	7.941	0.000	97	1653838	25.0	24.4	
100 1,2,3-Trichloropropane	110	7.947	7.947	0.000	84	130132	25.0	24.3	
98 trans-1,4-Dichloro-2-buten	53	7.953	7.953	0.000	63	107916	25.0	22.4	
103 2-Chlorotoluene	126	8.026	8.026	0.000	95	319490	25.0	23.8	
102 1,3,5-Trimethylbenzene	105	8.081	8.081	0.000	74	1182650	25.0	24.5	
105 4-Chlorotoluene	126	8.118	8.118	0.000	98	336380	25.0	24.2	
106 tert-Butylbenzene	134	8.343	8.343	0.000	92	264479	25.0	24.6	
107 1,2,4-Trimethylbenzene	105	8.385	8.385	0.000	97	1224115	25.0	24.6	
109 sec-Butylbenzene	105	8.519	8.519	0.000	94	1493088	25.0	24.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
111 1,3-Dichlorobenzene	146	8.635	8.635	0.000	72	678007	25.0	24.6	
110 4-Isopropyltoluene	119	8.641	8.641	0.000	96	1282672	25.0	25.1	
113 1,4-Dichlorobenzene	146	8.714	8.714	0.000	94	680057	25.0	24.1	
115 n-Butylbenzene	91	8.975	8.975	0.000	97	1163942	25.0	25.4	
116 1,2-Dichlorobenzene	146	9.024	9.024	0.000	96	653462	25.0	24.2	
117 1,2-Dibromo-3-Chloropropan	75	9.699	9.699	0.000	76	58433	25.0	22.4	
119 1,2,4-Trichlorobenzene	180	10.344	10.344	0.000	90	444407	25.0	26.1	
120 Hexachlorobutadiene	225	10.454	10.454	0.000	94	224986	25.0	27.0	
121 Naphthalene	128	10.563	10.563	0.000	97	1188681	25.0	26.5	
122 1,2,3-Trichlorobenzene	180	10.752	10.752	0.000	94	410119	25.0	26.1	
S 125 1,2-Dichloroethene, Total	1				0			50.8	
S 126 1,3-Dichloropropene, Total	1				0			47.3	
S 123 Total BTEX	1				0			122.4	
S 124 Xylenes, Total	1				0			49.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00015	Amount Added:	12.50	Units: uL	
GAS CORP mix_00035	Amount Added:	12.50	Units: uL	
S_8260_Surr_00089	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_IS_00082	Amount Added:	1.00	Units: uL	Run Reagent

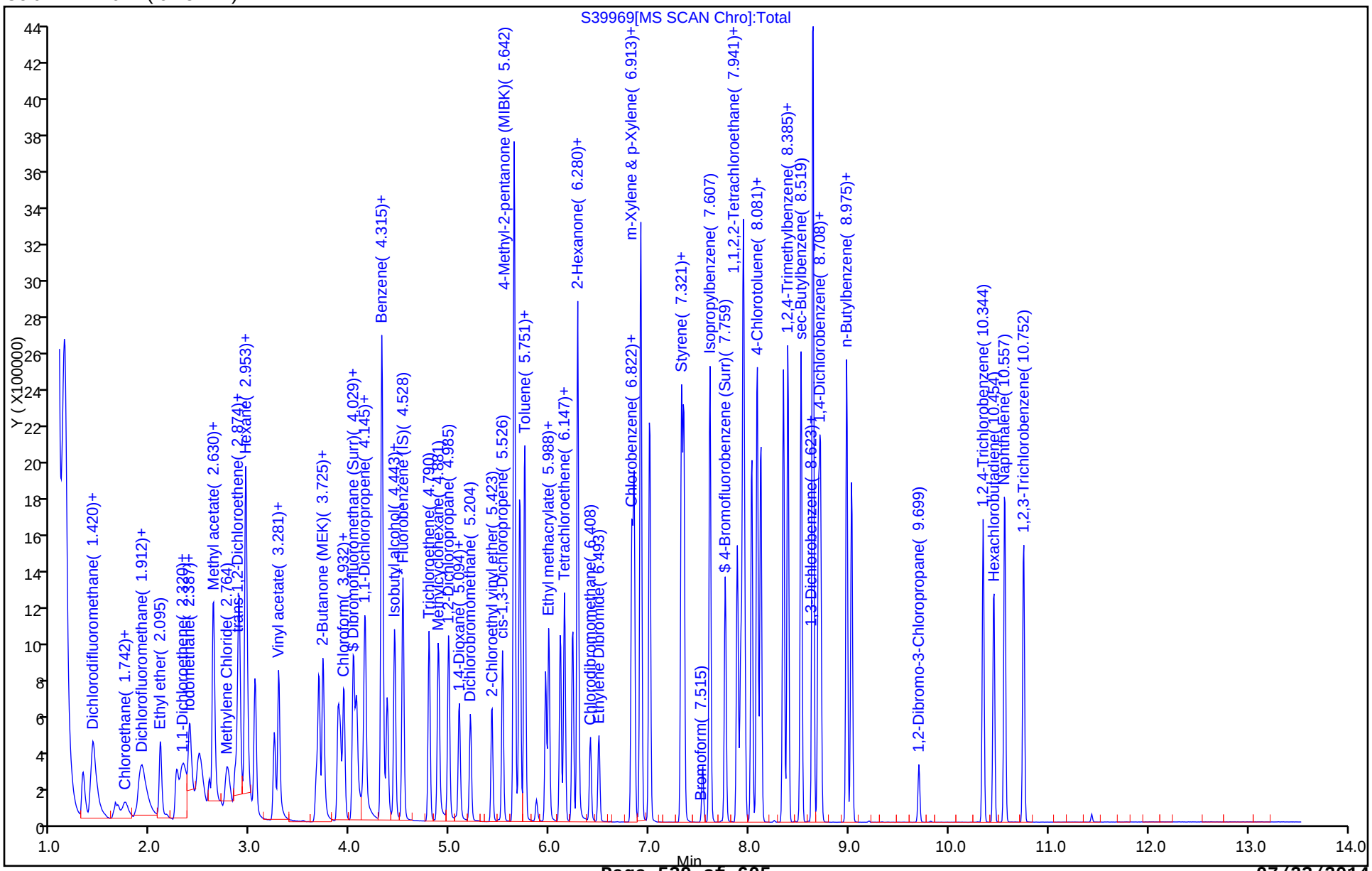
Report Date: 07-Jul-2014 12:17:26 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973S\20140707-33550.b\S39969.D

Injection Date:	07-Jul-2014 11:56:30	Instrument ID:	HP5973S	Operator ID:	NQ
Lims ID:	LCS			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	93
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-191487/6

Matrix: Solid | Lab File ID: F9728.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/07/2014 23:01

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.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	58.4		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	48.8		5.0	0.81
79-00-5	1,1,2-Trichloroethane	51.4		5.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	54.1		5.0	1.1
75-34-3	1,1-Dichloroethane	49.3		5.0	0.61
75-35-4	1,1-Dichloroethene	51.6		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	51.6		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	48.7		5.0	2.5
95-50-1	1,2-Dichlorobenzene	50.9		5.0	0.39
107-06-2	1,2-Dichloroethane	49.6		5.0	0.25
78-87-5	1,2-Dichloropropane	48.5		5.0	2.5
541-73-1	1,3-Dichlorobenzene	51.9		5.0	0.26
106-46-7	1,4-Dichlorobenzene	51.5		5.0	0.70
591-78-6	2-Hexanone	249		25	2.5
78-93-3	2-Butanone (MEK)	235		25	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	245		25	1.6
67-64-1	Acetone	224		25	4.2
71-43-2	Benzene	50.6		5.0	0.25
75-27-4	Bromodichloromethane	58.0		5.0	0.67
75-25-2	Bromoform	54.5		5.0	2.5
74-83-9	Bromomethane	53.7		5.0	0.45
75-15-0	Carbon disulfide	52.2		5.0	2.5
56-23-5	Carbon tetrachloride	62.8		5.0	0.48
108-90-7	Chlorobenzene	52.3		5.0	0.66
124-48-1	Dibromochloromethane	54.5		5.0	0.64
75-00-3	Chloroethane	53.5		5.0	1.1
67-66-3	Chloroform	51.9		5.0	0.31
74-87-3	Chloromethane	50.6		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	51.8		5.0	0.64
10061-01-5	cis-1,3-Dichloropropene	54.5		5.0	0.72
110-82-7	Cyclohexane	51.0		5.0	0.70
75-71-8	Dichlorodifluoromethane	52.0		5.0	0.41
106-93-4	1,2-Dibromoethane	52.7		5.0	0.64
100-41-4	Ethylbenzene	53.7		5.0	0.35
98-82-8	Isopropylbenzene	52.6		5.0	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-191487/6

Matrix: Solid | Lab File ID: F9728.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/07/2014 23:01

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.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	231		5.0	3.0
1634-04-4	Methyl tert-butyl ether	53.5		5.0	0.49
108-87-2	Methylcyclohexane	54.0		5.0	0.76
75-09-2	Methylene Chloride	48.7		5.0	2.3
100-42-5	Styrene	53.5		5.0	0.25
127-18-4	Tetrachloroethene	55.7		5.0	0.67
108-88-3	Toluene	52.7		5.0	0.38
156-60-5	trans-1,2-Dichloroethene	51.9		5.0	0.52
10061-02-6	trans-1,3-Dichloropropene	55.7		5.0	2.2
79-01-6	Trichloroethene	53.0		5.0	1.1
75-69-4	Trichlorofluoromethane	57.2		5.0	0.47
75-01-4	Vinyl chloride	54.8		5.0	0.61
1330-20-7	Xylenes, Total	107		10	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		64-126
2037-26-5	Toluene-d8 (Surr)	99		71-125
460-00-4	4-Bromofluorobenzene (Surr)	101		72-126
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9728.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Jul-2014 23:01:30 ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0033566-006 =480-0033566-006
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Jul-2014 23:46:43 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: cwiklinc Date: 07-Jul-2014 23:46:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	99	199244	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	84	395775	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	75	404131	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.939	0.006	63	221641	50.0	52.6	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	130987	50.0	48.8	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	92	811593	50.0	49.6	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	92	274972	50.0	50.5	
10 Dichlorodifluoromethane	85	1.946	1.952	-0.006	87	373062	50.0	52.0	
12 Chloromethane	50	2.110	2.110	0.000	100	291032	50.0	50.6	
13 Vinyl chloride	62	2.226	2.226	0.000	98	303411	50.0	54.8	
151 Butadiene	54	2.232	2.232	0.000	95	267726	50.0	53.8	
14 Bromomethane	94	2.518	2.512	0.006	91	168938	50.0	53.7	
15 Chloroethane	64	2.578	2.579	-0.001	99	149877	50.0	53.5	
16 Dichlorofluoromethane	67	2.755	2.755	0.000	97	407083	50.0	53.7	
17 Trichlorofluoromethane	101	2.810	2.804	0.006	97	379953	50.0	57.2	
18 Ethyl ether	59	2.968	2.968	0.000	89	216431	50.0	47.5	
20 Acrolein	56	3.132	3.132	0.000	94	168394	250.0	231.1	
21 1,1,2-Trichloro-1,2,2-trif	101	3.169	3.169	0.000	92	292449	50.0	54.1	
22 1,1-Dichloroethene	96	3.205	3.199	0.006	99	268066	50.0	51.6	
23 Acetone	43	3.248	3.248	0.000	96	435724	250.0	223.8	
25 Iodomethane	142	3.357	3.357	0.000	99	499070	50.0	52.6	
26 Carbon disulfide	76	3.412	3.406	0.006	99	1025811	50.0	52.2	
28 3-Chloro-1-propene	41	3.467	3.467	0.000	81	451801	50.0	47.9	
27 Methyl acetate	43	3.467	3.467	0.000	96	1083031	250.0	230.6	
30 Methylene Chloride	84	3.588	3.588	0.000	82	296504	50.0	48.7	
31 2-Methyl-2-propanol	59	3.637	3.637	0.000	98	286962	500.0	612.7	
32 Methyl tert-butyl ether	73	3.734	3.734	0.000	86	855021	50.0	53.5	
34 trans-1,2-Dichloroethene	96	3.771	3.771	0.000	95	287433	50.0	51.9	
33 Acrylonitrile	53	3.789	3.789	0.000	99	965147	500.0	466.8	
35 Hexane	57	3.911	3.911	0.000	94	434210	50.0	44.6	
37 Vinyl acetate	43	4.093	4.093	0.000	97	888771	100.0	104.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
39 1,1-Dichloroethane	63	4.105	4.106	-0.001	87	497999	50.0	49.3	
44 2,2-Dichloropropane	77	4.556	4.550	0.006	83	419374	50.0	58.6	
43 2-Butanone (MEK)	43	4.550	4.550	0.000	99	683737	250.0	234.8	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	82	306764	50.0	51.8	
48 Chlorobromomethane	128	4.775	4.769	0.006	88	155453	50.0	52.4	
49 Tetrahydrofuran	42	4.787	4.787	0.000	84	178659	100.0	92.1	
50 Chloroform	83	4.805	4.805	0.000	94	495755	50.0	51.9	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	96	433158	50.0	58.4	
52 Cyclohexane	56	4.982	4.982	0.000	90	459851	50.0	51.0	
54 1,1-Dichloropropene	75	5.067	5.067	0.000	94	378473	50.0	52.6	
55 Carbon tetrachloride	117	5.079	5.079	0.000	90	406191	50.0	62.8	
53 Isobutyl alcohol	43	5.128	5.128	0.000	91	320077	1250.0	1213.3	
57 Benzene	78	5.255	5.255	0.000	96	1103595	50.0	50.6	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	87	384537	50.0	49.6	
59 n-Heptane	43	5.347	5.347	0.000	90	459428	50.0	50.5	
62 Trichloroethene	95	5.778	5.779	-0.001	97	288763	50.0	53.0	
64 Methylcyclohexane	83	5.912	5.918	-0.006	88	512198	50.0	54.0	
65 1,2-Dichloropropane	63	6.004	6.004	0.000	91	260932	50.0	48.5	
66 1,4-Dioxane	88	6.107	6.101	0.006	83	62682	1000.0	1035.0	
67 Dibromomethane	93	6.131	6.131	0.000	90	168973	50.0	51.4	
68 Dichlorobromomethane	83	6.241	6.241	0.000	93	359920	50.0	58.0	
69 2-Chloroethyl vinyl ether	63	6.448	6.448	0.000	94	172411	50.0	49.4	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	90	442152	50.0	54.5	
73 4-Methyl-2-pentanone (MIBK	43	6.721	6.722	-0.001	97	1365827	250.0	245.4	
74 Toluene	92	6.916	6.916	0.000	97	700628	50.0	52.7	
75 Ethyl methacrylate	69	7.135	7.135	0.000	88	359886	50.0	54.3	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	94	385935	50.0	55.7	
79 1,1,2-Trichloroethane	83	7.336	7.336	0.000	93	192968	50.0	51.4	
81 Tetrachloroethene	166	7.439	7.439	0.000	98	327212	50.0	55.7	
82 1,3-Dichloropropane	76	7.506	7.500	0.006	92	409394	50.0	50.2	
80 2-Hexanone	43	7.512	7.512	0.000	96	988259	250.0	249.3	
83 Chlorodibromomethane	129	7.750	7.750	0.000	89	268672	50.0	54.5	
84 Ethylene Dibromide	107	7.877	7.877	0.000	98	248254	50.0	52.7	
87 Chlorobenzene	112	8.327	8.328	-0.001	93	772383	50.0	52.3	
88 Ethylbenzene	91	8.394	8.395	0.000	98	1323817	50.0	53.7	
89 1,1,1,2-Tetrachloroethane	131	8.407	8.407	0.000	87	275064	50.0	60.5	
90 m-Xylene & p-Xylene	106	8.510	8.510	0.000	0	529796	50.0	53.6	
91 o-Xylene	106	8.942	8.942	0.000	94	512659	50.0	53.6	
92 Styrene	104	8.960	8.960	0.000	93	876465	50.0	53.5	
95 Bromoform	173	9.240	9.240	0.000	97	169507	50.0	54.5	
94 Isopropylbenzene	105	9.307	9.307	0.000	96	1336879	50.0	52.6	
97 1,1,2,2-Tetrachloroethane	83	9.684	9.678	0.006	98	301881	50.0	48.8	
101 Bromobenzene	156	9.690	9.690	0.000	90	347295	50.0	51.1	
98 trans-1,4-Dichloro-2-buten	53	9.721	9.721	0.000	34	97980	50.0	50.9	
99 N-Propylbenzene	91	9.721	9.727	-0.006	98	1554414	50.0	51.7	
100 1,2,3-Trichloropropane	110	9.733	9.733	0.000	83	102708	50.0	49.5	
103 2-Chlorotoluene	126	9.854	9.855	-0.001	97	328349	50.0	51.1	
102 1,3,5-Trimethylbenzene	105	9.885	9.885	0.000	84	1117554	50.0	52.2	
105 4-Chlorotoluene	126	9.958	9.958	0.000	98	338961	50.0	51.4	
106 tert-Butylbenzene	134	10.207	10.207	0.000	91	251978	50.0	52.8	
107 1,2,4-Trimethylbenzene	105	10.256	10.256	0.000	96	1148328	50.0	52.0	
109 sec-Butylbenzene	105	10.408	10.408	0.000	94	1430694	50.0	52.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
110 4-Isopropyltoluene	119	10.530	10.530	0.000	96	1268997	50.0	53.1	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	96	651479	50.0	51.9	
113 1,4-Dichlorobenzene	146	10.651	10.652	-0.001	95	651617	50.0	51.5	
115 n-Butylbenzene	91	10.907	10.901	0.006	94	1102639	50.0	52.2	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	609460	50.0	50.9	
117 1,2-Dibromo-3-Chloropropan	75	11.667	11.667	0.000	79	58395	50.0	48.7	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	94	424124	50.0	51.6	
120 Hexachlorobutadiene	225	12.410	12.410	0.000	96	252698	50.0	53.1	
121 Naphthalene	128	12.543	12.544	-0.001	97	1035347	50.0	51.0	
122 1,2,3-Trichlorobenzene	180	12.756	12.756	0.000	95	391279	50.0	50.9	

Reagents:

8260 CORP mix_00016	Amount Added: 25.00	Units: uL	
GAS CORP mix_00035	Amount Added: 25.00	Units: uL	
F 8260 SURR_00103	Amount Added: 1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added: 1.00	Units: uL	Run Reagent

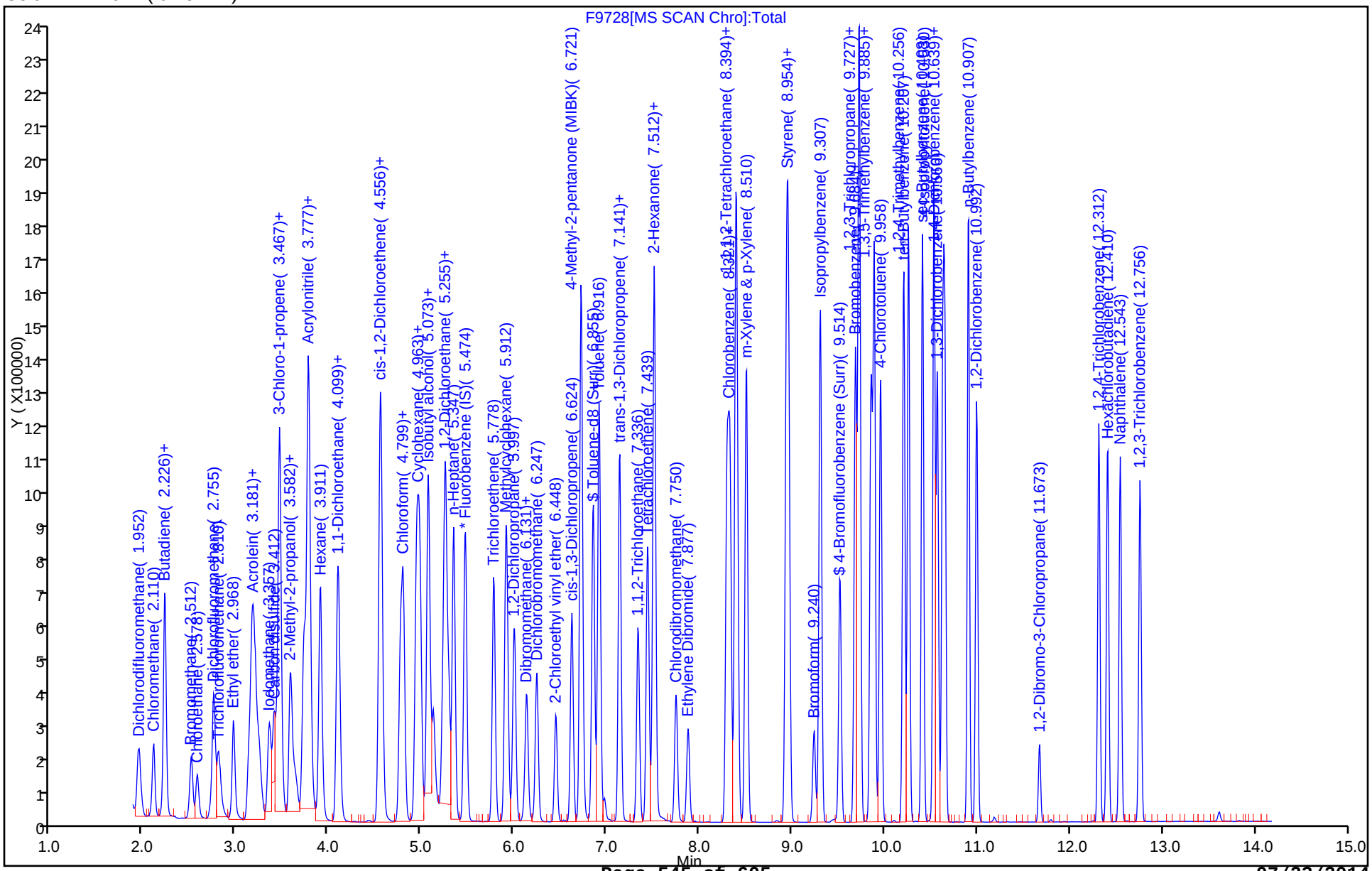
Report Date: 07-Jul-2014 23:46:44 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9728.D

Injection Date:	07-Jul-2014 23:01:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	LCS			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-192459/4

Matrix: Water Lab File ID: T3209.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/11/2014 23:17

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 192459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.6		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	23.1		1.0	0.21
79-00-5	1,1,2-Trichloroethane	24.0		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.7		1.0	0.31
75-34-3	1,1-Dichloroethane	24.6		1.0	0.38
75-35-4	1,1-Dichloroethene	21.7		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	24.4		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	23.1		1.0	0.39
95-50-1	1,2-Dichlorobenzene	24.0		1.0	0.79
107-06-2	1,2-Dichloroethane	25.4		1.0	0.21
78-87-5	1,2-Dichloropropane	24.5		1.0	0.72
541-73-1	1,3-Dichlorobenzene	22.5		1.0	0.78
106-46-7	1,4-Dichlorobenzene	23.0		1.0	0.84
591-78-6	2-Hexanone	138		5.0	1.2
78-93-3	2-Butanone (MEK)	137		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	135		5.0	2.1
67-64-1	Acetone	131		10	3.0
71-43-2	Benzene	23.4		1.0	0.41
75-27-4	Bromodichloromethane	25.6		1.0	0.39
75-25-2	Bromoform	22.4		1.0	0.26
74-83-9	Bromomethane	27.2		1.0	0.69
75-15-0	Carbon disulfide	22.4		1.0	0.19
56-23-5	Carbon tetrachloride	21.5		1.0	0.27
108-90-7	Chlorobenzene	23.6		1.0	0.75
124-48-1	Dibromochloromethane	23.5		1.0	0.32
75-00-3	Chloroethane	26.9		1.0	0.32
67-66-3	Chloroform	23.8		1.0	0.34
74-87-3	Chloromethane	24.2		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	23.1		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	22.6		1.0	0.36
110-82-7	Cyclohexane	25.6		1.0	0.18
75-71-8	Dichlorodifluoromethane	20.4		1.0	0.68
106-93-4	1,2-Dibromoethane	22.5		1.0	0.73
100-41-4	Ethylbenzene	23.5		1.0	0.74
98-82-8	Isopropylbenzene	22.7		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-192459/4

Matrix: Water | Lab File ID: T3209.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2014 23:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	133		2.5	0.50
1634-04-4	Methyl tert-butyl ether	24.1		1.0	0.16
108-87-2	Methylcyclohexane	23.1		1.0	0.16
75-09-2	Methylene Chloride	24.0		1.0	0.44
100-42-5	Styrene	23.5		1.0	0.73
127-18-4	Tetrachloroethene	22.6		1.0	0.36
108-88-3	Toluene	23.0		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	22.6		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	23.0		1.0	0.37
79-01-6	Trichloroethene	23.2		1.0	0.46
75-69-4	Trichlorofluoromethane	23.2		1.0	0.88
75-01-4	Vinyl chloride	21.0		1.0	0.90
1330-20-7	Xylenes, Total	46.1		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3209.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 11-Jul-2014 23:17:30 ALS Bottle#: 10 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0033721-004
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 12-Jul-2014 00:24:46 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK018

First Level Reviewer: goliszekg Date: 12-Jul-2014 00:24:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.000	97	459899	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	87	348867	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	70	186021	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	56	122177	25.0	26.3	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	159830	25.0	27.3	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	92	439232	25.0	24.9	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	90	129864	25.0	25.0	
11 Dichlorodifluoromethane	85	0.916	0.905	0.011	85	106338	25.0	20.4	
13 Chloromethane	50	1.019	1.019	0.000	89	173441	25.0	24.2	
14 Vinyl chloride	62	1.102	1.102	0.000	84	129275	25.0	21.0	
151 Butadiene	54	1.123	1.113	0.010	99	143727	25.0	23.1	
15 Bromomethane	94	1.320	1.320	0.000	94	65293	25.0	27.2	
16 Chloroethane	64	1.392	1.382	0.010	91	84897	25.0	26.9	
17 Trichlorofluoromethane	101	1.558	1.548	0.010	82	154788	25.0	23.2	
18 Dichlorofluoromethane	67	1.568	1.558	0.010	79	156432	25.0	24.1	
19 Ethyl ether	59	1.796	1.796	0.000	94	123150	25.0	23.6	
21 Acrolein	56	1.962	1.952	0.010	97	101475	125.0	113.5	
22 1,1-Dichloroethene	96	1.973	1.962	0.011	83	91593	25.0	21.7	
20 1,1,2-Trichloro-1,2,2-trif	101	1.973	1.962	0.011	78	101171	25.0	21.7	
23 Acetone	43	2.107	2.107	0.000	97	321126	125.0	131.4	
24 Iodomethane	142	2.107	2.107	0.000	98	186000	25.0	23.3	
25 Carbon disulfide	76	2.128	2.128	0.000	98	367307	25.0	22.4	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	83	256623	25.0	25.1	
28 Methyl acetate	43	2.366	2.366	0.000	100	754739	125.0	133.1	
30 Methylene Chloride	84	2.439	2.429	0.010	88	124504	25.0	24.0	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	88	120450	25.0	22.6	
31 2-Methyl-2-propanol	59	2.636	2.636	0.000	40	160441	250.0	203.1	
33 Methyl tert-butyl ether	73	2.636	2.636	0.000	87	381716	25.0	24.1	
34 Acrylonitrile	53	2.708	2.708	0.000	97	667158	250.0	257.2	
35 Hexane	57	2.812	2.802	0.010	96	237310	25.0	24.3	
36 1,1-Dichloroethane	63	2.999	2.999	0.000	86	255236	25.0	24.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 Vinyl acetate	43	3.071	3.071	0.000	97	550318	50.0	49.3	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	84	137651	25.0	23.5	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	72	129590	25.0	23.1	
44 2-Butanone (MEK)	43	3.537	3.527	0.010	97	493519	125.0	137.3	
47 Chlorobromomethane	128	3.672	3.672	0.000	86	66059	25.0	23.3	
48 Tetrahydrofuran	42	3.703	3.703	0.000	92	128589	50.0	52.2	
50 Chloroform	83	3.745	3.734	0.011	83	217397	25.0	23.8	
51 1,1,1-Trichloroethane	97	3.828	3.817	0.011	89	162573	25.0	22.6	
52 Cyclohexane	56	3.817	3.817	0.000	98	283251	25.0	25.6	
53 Carbon tetrachloride	117	3.931	3.931	0.000	81	125975	25.0	21.5	
54 1,1-Dichloropropene	75	3.952	3.942	0.010	87	161414	25.0	24.0	
55 Benzene	78	4.118	4.118	0.000	93	477877	25.0	23.4	
56 Isobutyl alcohol	43	4.170	4.170	0.000	79	168046	625.0	506.6	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	89	207136	25.0	25.4	
59 n-Heptane	43	4.263	4.263	0.000	98	286152	25.0	25.5	
60 Trichloroethene	95	4.605	4.605	0.000	90	120589	25.0	23.2	
62 Methylcyclohexane	83	4.688	4.688	0.000	95	207517	25.0	23.1	
63 1,2-Dichloropropane	63	4.802	4.802	0.000	85	140511	25.0	24.5	
65 Dibromomethane	93	4.905	4.905	0.000	91	81520	25.0	23.9	
66 1,4-Dioxane	88	4.926	4.926	0.000	95	30465	500.0	462.3	
67 Dichlorobromomethane	83	5.030	5.030	0.000	90	149753	25.0	25.6	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	90	88992	25.0	24.6	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	83	178437	25.0	22.6	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	98	1096885	125.0	134.9	
73 Toluene	92	5.569	5.569	0.000	96	296959	25.0	23.0	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	89	149328	25.0	23.0	
77 Ethyl methacrylate	69	5.838	5.838	0.000	92	153452	25.0	22.4	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	88	94695	25.0	24.0	
79 Tetrachloroethene	166	5.962	5.962	0.000	83	120366	25.0	22.6	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	93	195040	25.0	23.2	
81 2-Hexanone	43	6.118	6.118	0.000	98	791577	125.0	137.8	
82 Chlorodibromomethane	129	6.221	6.222	-0.001	87	94305	25.0	23.5	
83 Ethylene Dibromide	107	6.294	6.294	0.000	97	108694	25.0	22.5	
86 Chlorobenzene	112	6.657	6.657	0.000	92	336548	25.0	23.6	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	39	93270	25.0	22.3	
88 Ethylbenzene	91	6.729	6.729	0.000	98	582836	25.0	23.5	
90 m-Xylene & p-Xylene	106	6.823	6.812	0.010	0	219716	25.0	22.6	
91 o-Xylene	106	7.133	7.133	0.000	97	220590	25.0	23.5	
92 Styrene	104	7.154	7.154	0.000	94	384569	25.0	23.5	
93 Bromoform	173	7.330	7.330	0.000	92	49149	25.0	22.4	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	582789	25.0	22.7	
97 Bromobenzene	156	7.672	7.672	0.000	94	143241	25.0	23.4	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	86	152969	25.0	23.1	
99 N-Propylbenzene	91	7.745	7.745	0.000	98	699692	25.0	22.6	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	84	47648	25.0	22.6	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	71	45552	25.0	21.5	
105 2-Chlorotoluene	126	7.828	7.828	0.000	95	138287	25.0	23.0	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	94	493854	25.0	22.9	
102 4-Chlorotoluene	91	7.911	7.911	0.000	98	475116	25.0	23.0	
106 tert-Butylbenzene	134	8.149	8.149	0.000	94	110574	25.0	23.3	
107 1,2,4-Trimethylbenzene	105	8.190	8.190	0.000	98	522484	25.0	23.6	
109 sec-Butylbenzene	105	8.325	8.325	0.000	95	654550	25.0	23.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	94	276608	25.0	22.5	
111 4-Isopropyltoluene	119	8.449	8.450	-0.001	97	563132	25.0	23.8	
113 1,4-Dichlorobenzene	146	8.501	8.501	0.000	90	287522	25.0	23.0	
115 n-Butylbenzene	91	8.781	8.781	0.000	98	512137	25.0	23.3	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	94	281165	25.0	24.0	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	67	21547	25.0	23.1	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	92	179932	25.0	24.4	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	91	79445	25.0	23.0	
121 Naphthalene	128	10.336	10.336	0.000	98	460669	25.0	23.1	
122 1,2,3-Trichlorobenzene	180	10.532	10.533	-0.001	93	163165	25.0	23.9	

Reagents:

8260 CORP mix_00015	Amount Added: 12.50	Units: uL	
GAS CORP mix_00036	Amount Added: 12.50	Units: uL	
T_8260_IS_00080	Amount Added: 1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added: 1.00	Units: uL	Run Reagent

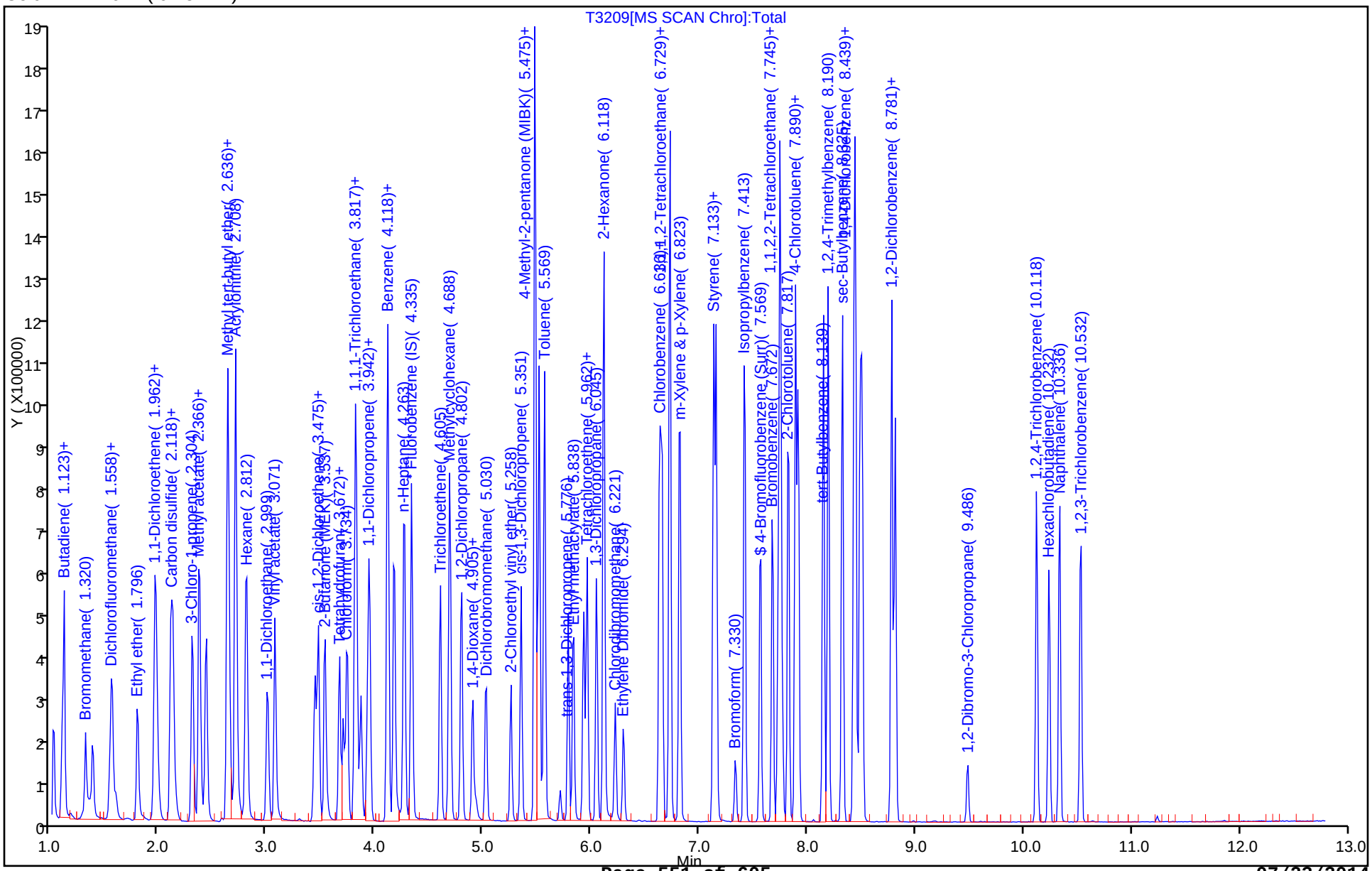
Report Date: 12-Jul-2014 00:24:46 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3209.D

Injection Date:	11-Jul-2014 23:17:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-192725/7

Matrix: Water Lab File ID: T3256.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/14/2014 19:01

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 192725 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1.0	0.21
79-00-5	1,1,2-Trichloroethane	23.5		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.3		1.0	0.31
75-34-3	1,1-Dichloroethane	24.5		1.0	0.38
75-35-4	1,1-Dichloroethene	21.2		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	23.8		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.39
95-50-1	1,2-Dichlorobenzene	24.1		1.0	0.79
107-06-2	1,2-Dichloroethane	25.8		1.0	0.21
78-87-5	1,2-Dichloropropane	24.3		1.0	0.72
541-73-1	1,3-Dichlorobenzene	23.6		1.0	0.78
106-46-7	1,4-Dichlorobenzene	23.4		1.0	0.84
591-78-6	2-Hexanone	132		5.0	1.2
78-93-3	2-Butanone (MEK)	132		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	129		5.0	2.1
67-64-1	Acetone	129		10	3.0
71-43-2	Benzene	23.5		1.0	0.41
75-27-4	Bromodichloromethane	23.7		1.0	0.39
75-25-2	Bromoform	20.6		1.0	0.26
74-83-9	Bromomethane	25.6		1.0	0.69
75-15-0	Carbon disulfide	22.1		1.0	0.19
56-23-5	Carbon tetrachloride	18.4		1.0	0.27
108-90-7	Chlorobenzene	23.4		1.0	0.75
124-48-1	Dibromochloromethane	21.4		1.0	0.32
75-00-3	Chloroethane	25.6		1.0	0.32
67-66-3	Chloroform	23.7		1.0	0.34
74-87-3	Chloromethane	22.3		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	22.7		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	20.6		1.0	0.36
110-82-7	Cyclohexane	23.8		1.0	0.18
75-71-8	Dichlorodifluoromethane	15.1		1.0	0.68
106-93-4	1,2-Dibromoethane	20.1		1.0	0.73
100-41-4	Ethylbenzene	23.3		1.0	0.74
98-82-8	Isopropylbenzene	23.1		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-192725/7

Matrix: Water | Lab File ID: T3256.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2014 19:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 192725 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	122		2.5	0.50
1634-04-4	Methyl tert-butyl ether	23.3		1.0	0.16
108-87-2	Methylcyclohexane	21.5		1.0	0.16
75-09-2	Methylene Chloride	24.2		1.0	0.44
100-42-5	Styrene	22.4		1.0	0.73
127-18-4	Tetrachloroethene	22.9		1.0	0.36
108-88-3	Toluene	22.3		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	22.0		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.37
79-01-6	Trichloroethene	23.4		1.0	0.46
75-69-4	Trichlorofluoromethane	21.1		1.0	0.88
75-01-4	Vinyl chloride	19.6		1.0	0.90
1330-20-7	Xylenes, Total	45.9		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3256.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Jul-2014 19:01:30 ALS Bottle#: 57 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0033765-007
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 14-Jul-2014 20:19:53 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: goliszekg Date: 14-Jul-2014 19:27:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.336	0.000	97	466609	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.626	0.010	89	359102	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	95	187948	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	91	125226	25.0	26.5	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	158946	25.0	26.8	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	96	449471	25.0	24.8	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	92	133329	25.0	25.0	
11 Dichlorodifluoromethane	85	0.905	0.916	-0.011	97	80040	25.0	15.1	
13 Chloromethane	50	1.019	1.030	-0.011	99	161692	25.0	22.3	
14 Vinyl chloride	62	1.102	1.102	0.000	97	122379	25.0	19.6	
151 Butadiene	54	1.123	1.123	0.000	97	131096	25.0	20.8	
15 Bromomethane	94	1.320	1.320	0.000	94	62357	25.0	25.6	
16 Chloroethane	64	1.382	1.382	0.000	95	81912	25.0	25.6	
17 Trichlorofluoromethane	101	1.558	1.548	0.010	97	142994	25.0	21.1	
18 Dichlorofluoromethane	67	1.558	1.558	0.000	96	152262	25.0	23.1	
19 Ethyl ether	59	1.797	1.797	0.000	94	115202	25.0	21.7	
21 Acrolein	56	1.952	1.952	0.000	99	95797	125.0	105.6	
22 1,1-Dichloroethene	96	1.962	1.962	0.000	92	90732	25.0	21.2	
20 1,1,2-Trichloro-1,2,2-trif	101	1.962	1.973	-0.011	94	96055	25.0	20.3	
24 Iodomethane	142	2.107	2.107	0.000	99	194785	25.0	24.1	
23 Acetone	43	2.107	2.107	0.000	98	319787	125.0	128.9	
25 Carbon disulfide	76	2.128	2.128	0.000	98	367558	25.0	22.1	
27 3-Chloro-1-propene	41	2.304	2.304	0.000	85	255974	25.0	24.6	
28 Methyl acetate	43	2.367	2.367	0.000	100	704390	125.0	122.4	
30 Methylene Chloride	84	2.429	2.439	-0.010	91	127262	25.0	24.2	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	91	118724	25.0	22.0	
31 2-Methyl-2-propanol	59	2.636	2.636	0.000	37	137420	250.0	171.5	
33 Methyl tert-butyl ether	73	2.636	2.636	0.000	93	374600	25.0	23.3	
34 Acrylonitrile	53	2.709	2.709	0.000	97	657768	250.0	250.0	
35 Hexane	57	2.802	2.802	0.000	96	215301	25.0	21.7	
36 1,1-Dichloroethane	63	2.999	2.999	0.000	97	258274	25.0	24.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 Vinyl acetate	43	3.071	3.071	0.000	97	470157	50.0	41.5	
42 2,2-Dichloropropane	77	3.444	3.444	0.000	78	112492	25.0	18.9	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	84	129394	25.0	22.7	
44 2-Butanone (MEK)	43	3.527	3.527	0.000	97	482607	125.0	132.3	
47 Chlorobromomethane	128	3.672	3.672	0.000	89	69332	25.0	24.1	
48 Tetrahydrofuran	42	3.703	3.703	0.000	93	130012	50.0	52.1	
50 Chloroform	83	3.734	3.734	0.000	94	219657	25.0	23.7	
51 1,1,1-Trichloroethane	97	3.817	3.817	0.000	94	151644	25.0	20.8	
52 Cyclohexane	56	3.817	3.817	0.000	98	266810	25.0	23.8	
53 Carbon tetrachloride	117	3.931	3.931	0.000	95	108990	25.0	18.4	
54 1,1-Dichloropropene	75	3.942	3.942	0.000	88	157937	25.0	23.1	
55 Benzene	78	4.118	4.118	0.000	93	486134	25.0	23.5	
57 1,2-Dichloroethane	62	4.170	4.170	0.000	95	212963	25.0	25.8	
56 Isobutyl alcohol	43	4.170	4.170	0.000	65	129639	625.0	385.2	
59 n-Heptane	43	4.263	4.263	0.000	97	258696	25.0	22.7	
60 Trichloroethene	95	4.605	4.605	0.000	93	122958	25.0	23.4	
62 Methylcyclohexane	83	4.688	4.688	0.000	95	196729	25.0	21.5	
63 1,2-Dichloropropane	63	4.791	4.792	-0.001	86	141388	25.0	24.3	
65 Dibromomethane	93	4.895	4.895	0.000	94	84240	25.0	24.3	
66 1,4-Dioxane	88	4.937	4.926	0.011	92	27115	500.0	399.8	
67 Dichlorobromomethane	83	5.019	5.020	-0.001	95	140297	25.0	23.7	
69 2-Chloroethyl vinyl ether	63	5.258	5.258	0.000	91	89586	25.0	24.4	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	86	165364	25.0	20.6	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	98	1080330	125.0	129.1	
73 Toluene	92	5.569	5.569	0.000	96	296088	25.0	22.3	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	94	134328	25.0	20.1	
77 Ethyl methacrylate	69	5.828	5.838	-0.010	92	129923	25.0	18.4	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	94	95300	25.0	23.5	
79 Tetrachloroethene	166	5.963	5.963	-0.001	93	125327	25.0	22.9	
80 1,3-Dichloropropane	76	6.045	6.045	0.000	96	201359	25.0	23.2	
81 2-Hexanone	43	6.118	6.118	0.000	98	782811	125.0	132.3	
82 Chlorodibromomethane	129	6.222	6.222	0.000	89	88415	25.0	21.4	
83 Ethylene Dibromide	107	6.294	6.294	0.000	96	99589	25.0	20.1	
86 Chlorobenzene	112	6.657	6.657	0.000	93	343375	25.0	23.4	
89 1,1,1,2-Tetrachloroethane	131	6.729	6.729	0.000	42	84385	25.0	19.6	
88 Ethylbenzene	91	6.729	6.729	0.000	98	593559	25.0	23.3	
90 m-Xylene & p-Xylene	106	6.812	6.812	0.000	0	232437	25.0	23.3	
91 o-Xylene	106	7.134	7.134	0.000	98	218563	25.0	22.6	
92 Styrene	104	7.154	7.154	0.000	93	376926	25.0	22.4	
93 Bromoform	173	7.330	7.330	0.000	93	46440	25.0	20.6	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	597783	25.0	23.1	
97 Bromobenzene	156	7.672	7.672	0.000	93	143398	25.0	23.2	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	93	150106	25.0	22.5	
99 N-Propylbenzene	91	7.745	7.745	0.000	99	702817	25.0	22.5	
100 1,2,3-Trichloropropane	110	7.755	7.755	0.000	92	47780	25.0	22.4	
101 trans-1,4-Dichloro-2-buten	53	7.766	7.766	0.000	69	51126	25.0	23.9	
105 2-Chlorotoluene	126	7.828	7.828	0.000	95	141972	25.0	23.4	
104 1,3,5-Trimethylbenzene	105	7.890	7.890	0.000	95	503629	25.0	23.2	
102 4-Chlorotoluene	91	7.911	7.911	0.000	98	484801	25.0	23.2	
106 tert-Butylbenzene	134	8.149	8.149	0.000	96	108232	25.0	22.6	
107 1,2,4-Trimethylbenzene	105	8.191	8.191	0.000	98	521443	25.0	23.3	
109 sec-Butylbenzene	105	8.325	8.325	0.000	95	657267	25.0	23.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	97	292717	25.0	23.6	
111 4-Isopropyltoluene	119	8.439	8.450	-0.011	98	574950	25.0	24.0	
113 1,4-Dichlorobenzene	146	8.501	8.501	0.000	91	294356	25.0	23.4	
115 n-Butylbenzene	91	8.781	8.781	0.000	98	523202	25.0	23.5	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	96	285023	25.0	24.1	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	70	17325	25.0	18.4	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	94	177810	25.0	23.8	
120 Hexachlorobutadiene	225	10.232	10.232	0.000	94	82131	25.0	23.6	
121 Naphthalene	128	10.336	10.336	0.000	97	450631	25.0	22.4	
122 1,2,3-Trichlorobenzene	180	10.533	10.533	0.000	94	158567	25.0	23.0	

Reagents:

8260 CORP mix_00016	Amount Added: 12.50	Units: uL	
GAS CORP mix_00036	Amount Added: 12.50	Units: uL	
T_8260_IS_00080	Amount Added: 1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added: 1.00	Units: uL	Run Reagent

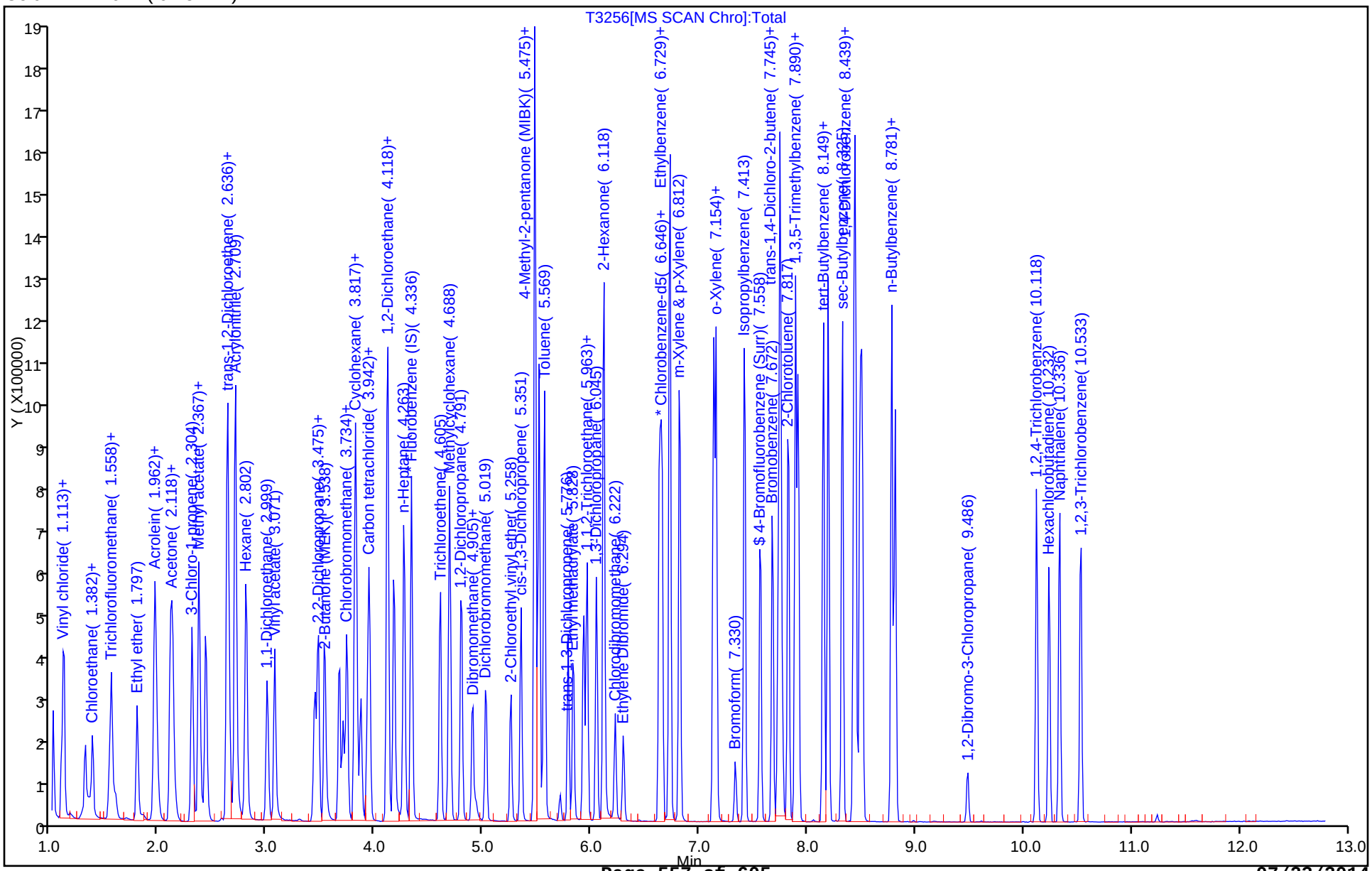
Report Date: 14-Jul-2014 20:19:53 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140714-33765.b\T3256.D

Injection Date:	14-Jul-2014 19:01:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	LCS			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	57
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-7 8' MS | Lab Sample ID: 480-62605-3 MS

Matrix: Solid | Lab File ID: F9741.D

Analysis Method: 8260C | Date Collected: 06/24/2014 10:10

Sample wt/vol: 5.87(g) | Date Analyzed: 07/08/2014 05:17

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	51.7		5.1	0.37
79-34-5	1,1,2,2-Tetrachloroethane	38.2		5.1	0.82
79-00-5	1,1,2-Trichloroethane	43.3		5.1	0.66
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	47.5		5.1	1.2
75-34-3	1,1-Dichloroethane	44.7		5.1	0.62
75-35-4	1,1-Dichloroethene	44.9		5.1	0.62
120-82-1	1,2,4-Trichlorobenzene	42.8		5.1	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	33.2		5.1	2.5
95-50-1	1,2-Dichlorobenzene	45.4		5.1	0.40
107-06-2	1,2-Dichloroethane	43.3		5.1	0.25
78-87-5	1,2-Dichloropropane	45.1		5.1	2.5
541-73-1	1,3-Dichlorobenzene	45.8		5.1	0.26
106-46-7	1,4-Dichlorobenzene	45.3		5.1	0.71
78-93-3	2-Butanone (MEK)	153		25	1.9
591-78-6	2-Hexanone	167		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	173		25	1.7
67-64-1	Acetone	149		25	4.3
71-43-2	Benzene	45.4		5.1	0.25
75-27-4	Bromodichloromethane	51.6		5.1	0.68
75-25-2	Bromoform	42.0		5.1	2.5
74-83-9	Bromomethane	54.9		5.1	0.46
75-15-0	Carbon disulfide	45.1		5.1	2.5
56-23-5	Carbon tetrachloride	54.1		5.1	0.49
108-90-7	Chlorobenzene	46.8		5.1	0.67
124-48-1	Dibromochloromethane	45.1		5.1	0.65
75-00-3	Chloroethane	52.5		5.1	1.1
67-66-3	Chloroform	47.8		5.1	0.31
74-87-3	Chloromethane	47.4		5.1	0.31
156-59-2	cis-1,2-Dichloroethene	46.4		5.1	0.65
10061-01-5	cis-1,3-Dichloropropene	46.9		5.1	0.73
110-82-7	Cyclohexane	44.5		5.1	0.71
75-71-8	Dichlorodifluoromethane	44.7		5.1	0.42
100-41-4	Ethylbenzene	47.0		5.1	0.35
106-93-4	1,2-Dibromoethane	42.4		5.1	0.65
98-82-8	Isopropylbenzene	47.7		5.1	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-7 8' MS | Lab Sample ID: 480-62605-3 MS

Matrix: Solid | Lab File ID: F9741.D

Analysis Method: 8260C | Date Collected: 06/24/2014 10:10

Sample wt/vol: 5.87(g) | Date Analyzed: 07/08/2014 05:17

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	162		5.1	3.1
1634-04-4	Methyl tert-butyl ether	45.5		5.1	0.50
108-87-2	Methylcyclohexane	45.3		5.1	0.77
75-09-2	Methylene Chloride	46.6		5.1	2.3
100-42-5	Styrene	46.9		5.1	0.25
127-18-4	Tetrachloroethene	49.6		5.1	0.68
108-88-3	Toluene	46.6		5.1	0.38
156-60-5	trans-1,2-Dichloroethene	45.6		5.1	0.52
10061-02-6	trans-1,3-Dichloropropene	46.2		5.1	2.2
79-01-6	Trichloroethene	46.8		5.1	1.1
75-69-4	Trichlorofluoromethane	53.2		5.1	0.48
75-01-4	Vinyl chloride	50.0		5.1	0.62
1330-20-7	Xylenes, Total	94.6		10	0.85

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		64-126
460-00-4	4-Bromofluorobenzene (Surr)	99		72-126
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9741.D
Lims ID: 480-62605-A-3-B MS
Client ID: SB-7 8'
Sample Type: MS
Inject. Date: 08-Jul-2014 05:17:30 ALS Bottle#: 12 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62605-A-3-B MS
Misc. Info.: 480-0033566-019 =480-0033566-019
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 08:04:49 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: sobolr Date: 08-Jul-2014 08:06:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	99	192657	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	84	384776	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	77	379469	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.945	4.939	0.006	74	214143	50.0	52.6	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	119836	50.0	46.2	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	92	789257	50.0	49.6	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	91	262404	50.0	49.6	
10 Dichlorodifluoromethane	85	1.958	1.952	0.006	97	305400	50.0	44.0	
12 Chloromethane	50	2.116	2.110	0.006	100	259274	50.0	46.7	
13 Vinyl chloride	62	2.238	2.226	0.012	88	263202	50.0	49.2	
14 Bromomethane	94	2.524	2.512	0.012	91	164420	50.0	54.1	
15 Chloroethane	64	2.591	2.579	0.012	99	140104	50.0	51.7	
17 Trichlorofluoromethane	101	2.816	2.804	0.012	99	336728	50.0	52.4	
21 1,1,2-Trichloro-1,2,2-trif	101	3.175	3.169	0.006	93	244421	50.0	46.8	
22 1,1-Dichloroethene	96	3.205	3.199	0.006	94	221790	50.0	44.2	
23 Acetone	43	3.254	3.248	0.006	96	276488	250.0	146.9	
26 Carbon disulfide	76	3.418	3.406	0.012	99	843997	50.0	44.4	
27 Methyl acetate	43	3.473	3.467	0.006	91	724938	250.0	159.6	
30 Methylene Chloride	84	3.595	3.588	0.007	82	271784	50.0	45.9	
32 Methyl tert-butyl ether	73	3.741	3.734	0.007	87	692582	50.0	44.8	
34 trans-1,2-Dichloroethene	96	3.783	3.771	0.012	95	240320	50.0	44.9	
39 1,1-Dichloroethane	63	4.112	4.106	0.006	97	429874	50.0	44.0	
43 2-Butanone (MEK)	43	4.556	4.550	0.006	99	423025	250.0	150.2	
45 cis-1,2-Dichloroethene	96	4.568	4.562	0.006	83	261904	50.0	45.7	
50 Chloroform	83	4.811	4.805	0.006	94	434232	50.0	47.0	
51 1,1,1-Trichloroethane	97	4.957	4.951	0.006	96	365163	50.0	50.9	
52 Cyclohexane	56	4.988	4.982	0.006	90	381701	50.0	43.8	
55 Carbon tetrachloride	117	5.085	5.079	0.006	90	333159	50.0	53.3	
57 Benzene	78	5.261	5.255	0.006	96	944298	50.0	44.7	
58 1,2-Dichloroethane	62	5.298	5.292	0.006	85	319883	50.0	42.6	
1 1,4-Difluorobenzene	114		5.535					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
62 Trichloroethene	95	5.785	5.779	0.006	96	242694	50.0	46.1	
64 Methylcyclohexane	83	5.918	5.918	0.000	89	408689	50.0	44.6	
65 1,2-Dichloropropane	63	6.004	6.004	0.000	91	230556	50.0	44.4	
68 Dichlorobromomethane	83	6.247	6.241	0.006	99	304913	50.0	50.8	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	90	362038	50.0	46.2	
73 4-Methyl-2-pentanone (MIBK	43	6.728	6.722	0.006	97	919191	250.0	169.9	
74 Toluene	92	6.922	6.916	0.006	97	592974	50.0	45.9	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	96	306350	50.0	45.5	
79 1,1,2-Trichloroethane	83	7.342	7.336	0.006	94	155535	50.0	42.6	
81 Tetrachloroethene	166	7.445	7.439	0.006	98	279138	50.0	48.8	
80 2-Hexanone	43	7.518	7.512	0.006	96	632915	250.0	164.2	
83 Chlorodibromomethane	129	7.750	7.750	0.000	88	209737	50.0	44.4	
84 Ethylene Dibromide	107	7.877	7.877	0.000	98	190976	50.0	41.7	
87 Chlorobenzene	112	8.334	8.328	0.006	94	660685	50.0	46.1	
88 Ethylbenzene	91	8.394	8.395	0.000	98	1110311	50.0	46.3	
90 m-Xylene & p-Xylene	106	8.510	8.510	0.000	0	444875		46.3	
91 o-Xylene	106	8.942	8.942	0.000	94	435841		46.9	
92 Styrene	104	8.966	8.960	0.006	95	734557	50.0	46.1	
95 Bromoform	173	9.240	9.240	0.000	96	118007	50.0	41.3	
94 Isopropylbenzene	105	9.307	9.307	0.000	96	1120098	50.0	46.9	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	97	218390	50.0	37.6	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	96	531675	50.0	45.1	
113 1,4-Dichlorobenzene	146	10.651	10.652	-0.001	94	529406	50.0	44.6	
116 1,2-Dichlorobenzene	146	10.992	10.992	0.000	97	502096	50.0	44.7	
117 1,2-Dibromo-3-Chloropropan	75	11.674	11.667	0.007	76	35608	50.0	32.7	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	94	324801	50.0	42.1	
S 124 Xylenes, Total	1				0			93.1	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

8260 CORP mix_00016	Amount Added:	25.00	Units: uL	
GAS CORP mix_00035	Amount Added:	25.00	Units: uL	
F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

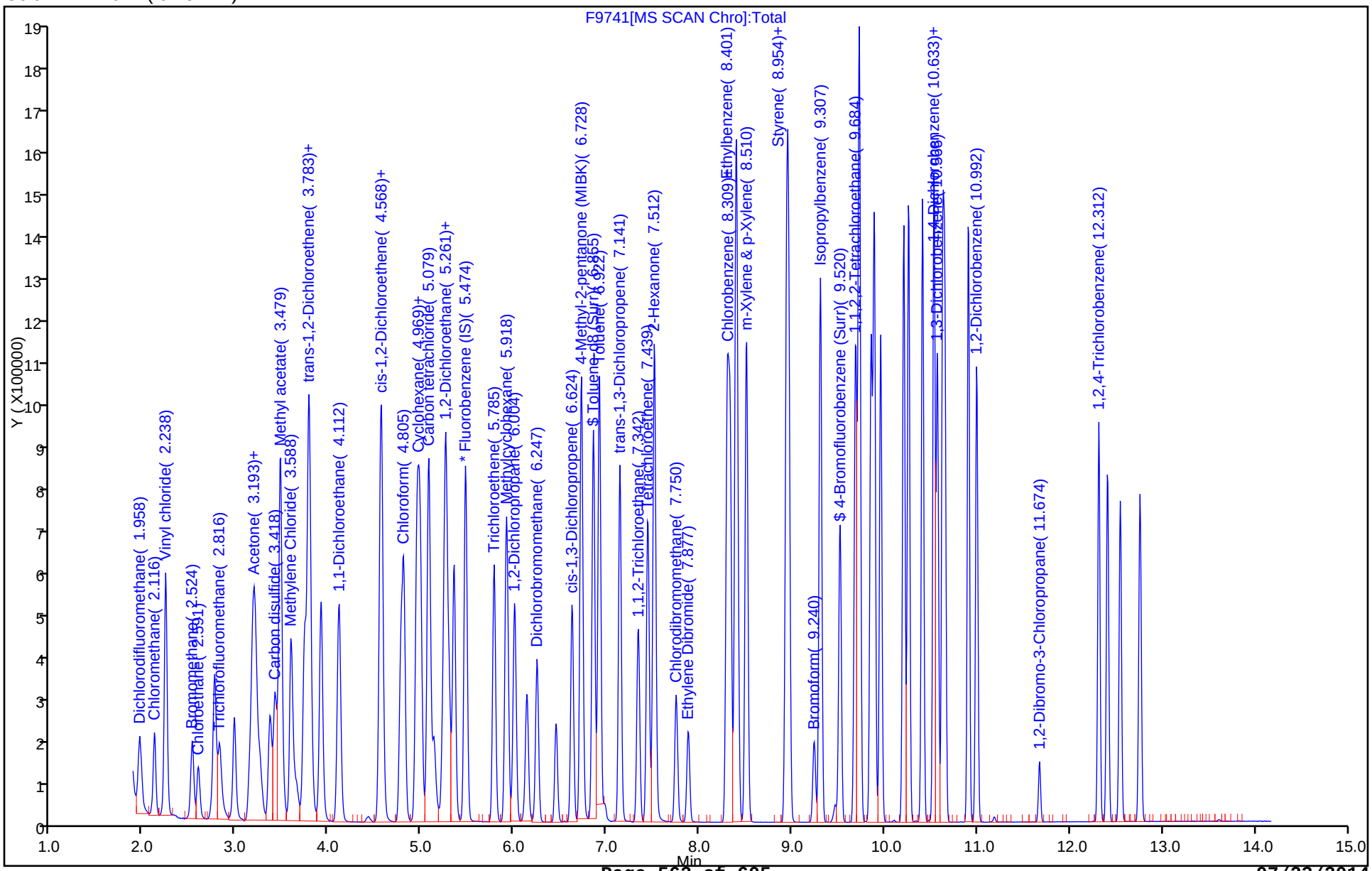
Report Date: 08-Jul-2014 08:06:02 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9741.D

Injection Date:	08-Jul-2014 05:17:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	480-62605-A-3-B MS			Worklist Smp#:	19
Client ID:	SB-7 8'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1407 MS Lab Sample ID: 480-63231-8 MS

Matrix: Water Lab File ID: T3229.D

Analysis Method: 8260C Date Collected: 07/03/2014 12:30

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2014 07:01

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.: 192459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	28.6		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	26.4		1.0	0.21
79-00-5	1,1,2-Trichloroethane	27.6		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	28.7		1.0	0.31
75-34-3	1,1-Dichloroethane	30.3		1.0	0.38
75-35-4	1,1-Dichloroethene	28.6		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	27.1		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	25.0		1.0	0.39
106-93-4	1,2-Dibromoethane	25.6		1.0	0.73
95-50-1	1,2-Dichlorobenzene	28.1		1.0	0.79
107-06-2	1,2-Dichloroethane	29.9		1.0	0.21
78-87-5	1,2-Dichloropropane	30.0		1.0	0.72
541-73-1	1,3-Dichlorobenzene	27.5		1.0	0.78
106-46-7	1,4-Dichlorobenzene	27.4		1.0	0.84
591-78-6	2-Hexanone	156		5.0	1.2
78-93-3	2-Butanone (MEK)	158		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	152		5.0	2.1
67-64-1	Acetone	143		10	3.0
71-43-2	Benzene	28.4		1.0	0.41
75-27-4	Bromodichloromethane	29.2		1.0	0.39
75-25-2	Bromoform	23.2		1.0	0.26
74-83-9	Bromomethane	30.0		1.0	0.69
75-15-0	Carbon disulfide	27.2		1.0	0.19
56-23-5	Carbon tetrachloride	26.2		1.0	0.27
108-90-7	Chlorobenzene	27.5		1.0	0.75
124-48-1	Dibromochloromethane	26.2		1.0	0.32
75-00-3	Chloroethane	31.8		1.0	0.32
67-66-3	Chloroform	28.6		1.0	0.34
74-87-3	Chloromethane	29.7		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	29.5		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	25.6		1.0	0.36
110-82-7	Cyclohexane	33.2		1.0	0.18
75-71-8	Dichlorodifluoromethane	24.8		1.0	0.68
100-41-4	Ethylbenzene	28.1		1.0	0.74
98-82-8	Isopropylbenzene	27.9		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1407 MS | Lab Sample ID: 480-63231-8 MS

Matrix: Water | Lab File ID: T3229.D

Analysis Method: 8260C | Date Collected: 07/03/2014 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 07:01

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.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	146		2.5	0.50
1634-04-4	Methyl tert-butyl ether	27.6		1.0	0.16
108-87-2	Methylcyclohexane	29.3		1.0	0.16
75-09-2	Methylene Chloride	28.9		1.0	0.44
100-42-5	Styrene	27.3		1.0	0.73
127-18-4	Tetrachloroethene	66.3		1.0	0.36
108-88-3	Toluene	27.0		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	27.9		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	24.4		1.0	0.37
79-01-6	Trichloroethene	29.7		1.0	0.46
75-69-4	Trichlorofluoromethane	27.9		1.0	0.88
75-01-4	Vinyl chloride	25.9		1.0	0.90
1330-20-7	Xylenes, Total	55.0		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	107		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3229.D
Lims ID: 480-63231-A-8 MS
Client ID: MW-1407
Sample Type: MS
Inject. Date: 12-Jul-2014 07:01:30 ALS Bottle#: 30 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-8 MS
Misc. Info.: 480-0033721-024
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:42:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.335	4.335	0.000	97	431889	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	87	349609	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	95	180928	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	56	117000	25.0	26.8	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	153477	25.0	27.9	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	92	437775	25.0	24.8	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	91	126369	25.0	24.3	
11 Dichlorodifluoromethane	85	0.916	0.905	0.011	86	121480	25.0	24.8	
13 Chloromethane	50	1.030	1.019	0.011	100	199972	25.0	29.7	
14 Vinyl chloride	62	1.102	1.102	0.000	83	149774	25.0	25.9	
15 Bromomethane	94	1.320	1.320	0.000	95	67590	25.0	30.0	
16 Chloroethane	64	1.392	1.382	0.010	92	94023	25.0	31.8	
17 Trichlorofluoromethane	101	1.558	1.548	0.010	81	175259	25.0	27.9	
22 1,1-Dichloroethene	96	1.973	1.962	0.011	83	113537	25.0	28.6	
20 1,1,2-Trichloro-1,2,2-trif	101	1.973	1.962	0.011	82	125644	25.0	28.7	
23 Acetone	43	2.107	2.107	0.000	98	327155	125.0	142.5	
25 Carbon disulfide	76	2.128	2.128	0.000	98	418136	25.0	27.2	
28 Methyl acetate	43	2.377	2.366	0.011	100	776597	125.0	145.8	
30 Methylene Chloride	84	2.439	2.429	0.010	85	140022	25.0	28.9	
33 Methyl tert-butyl ether	73	2.636	2.636	0.000	87	411227	25.0	27.6	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	89	139402	25.0	27.9	
36 1,1-Dichloroethane	63	2.999	2.999	0.000	86	295242	25.0	30.3	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	72	155578	25.0	29.5	
44 2-Butanone (MEK)	43	3.537	3.527	0.010	97	534068	125.0	158.2	
50 Chloroform	83	3.745	3.734	0.011	82	245922	25.0	28.6	
51 1,1,1-Trichloroethane	97	3.828	3.817	0.011	87	193384	25.0	28.6	
52 Cyclohexane	56	3.817	3.817	0.000	97	344422	25.0	33.2	
53 Carbon tetrachloride	117	3.931	3.931	0.000	85	144088	25.0	26.2	
55 Benzene	78	4.118	4.118	0.000	93	544626	25.0	28.4	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	89	228640	25.0	29.9	
1 1,4-Difluorobenzene	114		4.429					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
60 Trichloroethene	95	4.605	4.605	0.000	90	144513	25.0	29.7	
62 Methylcyclohexane	83	4.688	4.688	0.000	95	247667	25.0	29.3	
63 1,2-Dichloropropane	63	4.802	4.802	0.000	85	161367	25.0	30.0	
67 Dichlorobromomethane	83	5.030	5.030	0.000	90	160465	25.0	29.2	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	83	190224	25.0	25.6	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	98	1236021	125.0	151.7	
73 Toluene	92	5.569	5.569	0.000	96	349149	25.0	27.0	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	91	158553	25.0	24.4	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	89	109169	25.0	27.6	
79 Tetrachloroethene	166	5.962	5.962	0.000	86	353844	25.0	66.3	
81 2-Hexanone	43	6.118	6.118	0.000	98	896097	125.0	155.6	
82 Chlorodibromomethane	129	6.221	6.222	-0.001	87	105538	25.0	26.2	
83 Ethylene Dibromide	107	6.294	6.294	0.000	96	123679	25.0	25.6	
86 Chlorobenzene	112	6.657	6.657	0.000	92	392674	25.0	27.5	
88 Ethylbenzene	91	6.729	6.729	0.000	98	698270	25.0	28.1	
90 m-Xylene & p-Xylene	106	6.823	6.812	0.011	0	267639		27.5	
91 o-Xylene	106	7.133	7.133	0.000	98	259112		27.5	
92 Styrene	104	7.154	7.154	0.000	94	448526	25.0	27.3	
93 Bromoform	173	7.330	7.330	0.000	93	51007	25.0	23.2	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	695717	25.0	27.9	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	89	169834	25.0	26.4	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	95	329463	25.0	27.5	
113 1,4-Dichlorobenzene	146	8.512	8.501	0.011	94	332142	25.0	27.4	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	94	319633	25.0	28.1	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	63	22733	25.0	25.0	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	92	194800	25.0	27.1	
S 126 Xylenes, Total	1				0			55.0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

GAS CORP mix_00036	Amount Added:	12.50	Units: uL	
8260 CORP mix_00015	Amount Added:	12.50	Units: uL	
T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

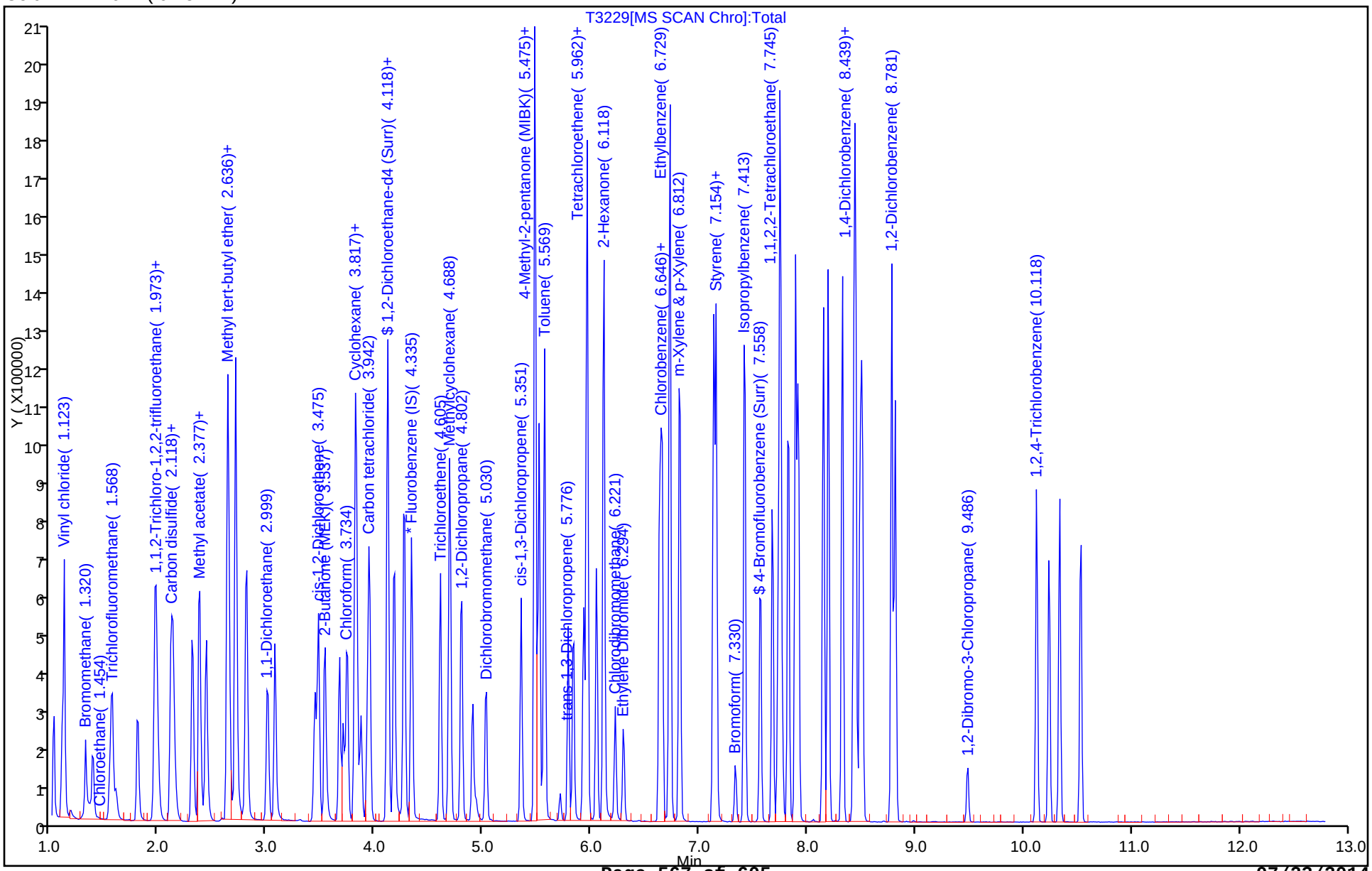
Report Date: 13-Jul-2014 19:42:45 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3229.D

Injection Date:	12-Jul-2014 07:01:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-8 MS			Worklist Smp#:	24
Client ID:	MW-1407				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-7 8' MSD | Lab Sample ID: 480-62605-3 MSD

Matrix: Solid | Lab File ID: F9742.D

Analysis Method: 8260C | Date Collected: 06/24/2014 10:10

Sample wt/vol: 7.31(g) | Date Analyzed: 07/08/2014 05:43

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	39.7		4.1	0.30
79-34-5	1,1,2,2-Tetrachloroethane	31.8		4.1	0.66
79-00-5	1,1,2-Trichloroethane	34.7		4.1	0.53
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	32.6		4.1	0.93
75-34-3	1,1-Dichloroethane	35.2		4.1	0.50
75-35-4	1,1-Dichloroethene	33.4		4.1	0.50
120-82-1	1,2,4-Trichlorobenzene	34.5		4.1	0.25
96-12-8	1,2-Dibromo-3-Chloropropane	27.8		4.1	2.0
95-50-1	1,2-Dichlorobenzene	35.9		4.1	0.32
107-06-2	1,2-Dichloroethane	35.3		4.1	0.20
78-87-5	1,2-Dichloropropane	35.4		4.1	2.0
541-73-1	1,3-Dichlorobenzene	36.1		4.1	0.21
106-46-7	1,4-Dichlorobenzene	36.1		4.1	0.57
78-93-3	2-Butanone (MEK)	132		20	1.5
591-78-6	2-Hexanone	142		20	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	148		20	1.3
67-64-1	Acetone	125		20	3.4
71-43-2	Benzene	35.7		4.1	0.20
75-27-4	Bromodichloromethane	41.4		4.1	0.55
75-25-2	Bromoform	34.7		4.1	2.0
74-83-9	Bromomethane	42.8		4.1	0.37
75-15-0	Carbon disulfide	35.0		4.1	2.0
56-23-5	Carbon tetrachloride	42.4		4.1	0.39
108-90-7	Chlorobenzene	36.7		4.1	0.54
124-48-1	Dibromochloromethane	36.6		4.1	0.52
75-00-3	Chloroethane	40.0		4.1	0.92
67-66-3	Chloroform	37.2		4.1	0.25
74-87-3	Chloromethane	36.9		4.1	0.25
156-59-2	cis-1,2-Dichloroethene	36.5		4.1	0.52
10061-01-5	cis-1,3-Dichloropropene	37.7		4.1	0.59
110-82-7	Cyclohexane	34.3		4.1	0.57
75-71-8	Dichlorodifluoromethane	33.1		4.1	0.34
100-41-4	Ethylbenzene	36.7		4.1	0.28
106-93-4	1,2-Dibromoethane	34.7		4.1	0.52
98-82-8	Isopropylbenzene	36.7		4.1	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: SB-7 8' MSD | Lab Sample ID: 480-62605-3 MSD

Matrix: Solid | Lab File ID: F9742.D

Analysis Method: 8260C | Date Collected: 06/24/2014 10:10

Sample wt/vol: 7.31(g) | Date Analyzed: 07/08/2014 05:43

Soil Aliquot Vol: | Dilution Factor: 1

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

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 191487 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	139		4.1	2.5
1634-04-4	Methyl tert-butyl ether	37.7		4.1	0.40
108-87-2	Methylcyclohexane	35.0		4.1	0.62
75-09-2	Methylene Chloride	32.5		4.1	1.9
100-42-5	Styrene	37.3		4.1	0.20
127-18-4	Tetrachloroethene	40.9		4.1	0.55
108-88-3	Toluene	36.5		4.1	0.31
156-60-5	trans-1,2-Dichloroethene	35.5		4.1	0.42
10061-02-6	trans-1,3-Dichloropropene	37.4		4.1	1.8
79-01-6	Trichloroethene	36.5		4.1	0.90
75-69-4	Trichlorofluoromethane	40.7		4.1	0.39
75-01-4	Vinyl chloride	38.3		4.1	0.50
1330-20-7	Xylenes, Total	73.9		8.2	0.69

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		71-125
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		64-126
460-00-4	4-Bromofluorobenzene (Surr)	100		72-126
1868-53-7	Dibromofluoromethane (Surr)	107		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9742.D
Lims ID: 480-62605-A-3-C MSD
Client ID: SB-7 8'
Sample Type: MSD
Inject. Date: 08-Jul-2014 05:43:30 ALS Bottle#: 13 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-62605-A-3-C MSD
Misc. Info.: 480-0033566-020 =480-0033566-020
Operator ID: CDC Instrument ID: HP5973F

Method: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F-8260 SOIL.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Jul-2014 08:04:49 Calib Date: 02-Jul-2014 23:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973F\20140702-33494.b\F9682.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: sobolr Date: 08-Jul-2014 08:06:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
* 153 Fluorobenzene (IS)	70	5.474	5.474	0.000	99	192323	50.0	50.0	
* 2 Chlorobenzene-d5	82	8.297	8.297	0.000	86	386175	50.0	50.0	
* 3 1,4-Dichlorobenzene-d4	152	10.627	10.627	0.000	76	385571	50.0	50.0	
$ 154 Dibromofluoromethane (Surr	113	4.939	4.939	0.000	80	217893	50.0	53.6	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.231	5.231	0.000	0	120384	50.0	46.5	
$ 5 Toluene-d8 (Surr)	98	6.855	6.855	0.000	92	794306	50.0	49.7	
$ 6 4-Bromofluorobenzene (Surr	174	9.520	9.520	0.000	92	266887	50.0	50.2	
10 Dichlorodifluoromethane	85	1.946	1.952	-0.006	87	280729	50.0	40.5	
12 Chloromethane	50	2.104	2.110	-0.006	100	251013	50.0	45.2	
13 Vinyl chloride	62	2.226	2.226	0.000	83	250585	50.0	46.9	
14 Bromomethane	94	2.512	2.512	0.000	91	159216	50.0	52.5	
15 Chloroethane	64	2.579	2.579	-0.001	99	132568	50.0	49.0	
17 Trichlorofluoromethane	101	2.810	2.804	0.006	86	320003	50.0	49.9	
21 1,1,2-Trichloro-1,2,2-trif	101	3.163	3.169	-0.006	86	208570	50.0	40.0	
22 1,1-Dichloroethene	96	3.199	3.199	0.000	98	205369	50.0	41.0	
23 Acetone	43	3.248	3.248	0.000	92	288873	250.0	153.7	
26 Carbon disulfide	76	3.406	3.406	0.000	99	813717	50.0	42.9	
27 Methyl acetate	43	3.467	3.467	0.000	91	772520	250.0	170.4	
30 Methylene Chloride	84	3.582	3.588	-0.006	82	239805	50.0	39.9	
32 Methyl tert-butyl ether	73	3.728	3.734	-0.006	87	714556	50.0	46.3	
34 trans-1,2-Dichloroethene	96	3.771	3.771	0.000	94	232870	50.0	43.6	
39 1,1-Dichloroethane	63	4.105	4.106	-0.001	85	420793	50.0	43.2	
43 2-Butanone (MEK)	43	4.556	4.550	0.006	99	454170	250.0	161.6	
45 cis-1,2-Dichloroethene	96	4.562	4.562	0.000	84	256203	50.0	44.8	
50 Chloroform	83	4.805	4.805	0.000	94	420797	50.0	45.7	
51 1,1,1-Trichloroethane	97	4.951	4.951	0.000	95	348758	50.0	48.7	
52 Cyclohexane	56	4.982	4.982	0.000	90	365440	50.0	42.0	
55 Carbon tetrachloride	117	5.079	5.079	0.000	89	324136	50.0	51.9	
57 Benzene	78	5.255	5.255	0.000	96	922264	50.0	43.8	
58 1,2-Dichloroethane	62	5.292	5.292	0.000	79	324480	50.0	43.3	
1 1,4-Difluorobenzene	114		5.535					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/kg	OnCol Amt ug/kg	Flags
62 Trichloroethene	95	5.778	5.779	-0.001	96	235200	50.0	44.8	
64 Methylcyclohexane	83	5.912	5.918	-0.006	89	393001	50.0	42.9	
65 1,2-Dichloropropane	63	6.004	6.004	0.000	90	225291	50.0	43.4	
68 Dichlorobromomethane	83	6.247	6.241	0.006	93	303965	50.0	50.8	
72 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	90	361987	50.0	46.3	
73 4-Methyl-2-pentanone (MIBK	43	6.721	6.722	-0.001	97	982736	250.0	181.0	
74 Toluene	92	6.916	6.916	0.000	97	581016	50.0	44.8	
77 trans-1,3-Dichloropropene	75	7.141	7.141	0.000	93	309575	50.0	45.8	
79 1,1,2-Trichloroethane	83	7.336	7.336	0.000	94	156148	50.0	42.6	
81 Tetrachloroethene	166	7.445	7.439	0.006	98	287895	50.0	50.2	
80 2-Hexanone	43	7.518	7.512	0.006	96	673362	250.0	174.1	
83 Chlorodibromomethane	129	7.750	7.750	0.000	89	213011	50.0	44.9	
84 Ethylene Dibromide	107	7.877	7.877	0.000	97	195512	50.0	42.6	
87 Chlorobenzene	112	8.327	8.328	-0.001	94	647974	50.0	45.0	
88 Ethylbenzene	91	8.394	8.395	0.000	98	1083680	50.0	45.0	
90 m-Xylene & p-Xylene	106	8.510	8.510	0.000	0	433850		44.9	
91 o-Xylene	106	8.942	8.942	0.000	94	426096		45.7	
92 Styrene	104	8.960	8.960	0.000	93	730310	50.0	45.7	
95 Bromoform	173	9.240	9.240	0.000	96	123005	50.0	42.6	
94 Isopropylbenzene	105	9.307	9.307	0.000	96	1091062	50.0	45.0	
97 1,1,2,2-Tetrachloroethane	83	9.678	9.678	0.000	95	230384	50.0	39.0	
111 1,3-Dichlorobenzene	146	10.566	10.566	0.000	96	530461	50.0	44.3	
113 1,4-Dichlorobenzene	146	10.651	10.652	-0.001	95	533635	50.0	44.2	
116 1,2-Dichlorobenzene	146	10.998	10.992	0.006	97	502099	50.0	44.0	
117 1,2-Dibromo-3-Chloropropan	75	11.667	11.667	0.000	75	37876	50.0	34.1	
119 1,2,4-Trichlorobenzene	180	12.312	12.312	0.000	94	331770	50.0	42.3	
S 124 Xylenes, Total	1				0			90.6	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

8260 CORP mix_00016	Amount Added:	25.00	Units: uL	
GAS CORP mix_00035	Amount Added:	25.00	Units: uL	
F 8260 SURR_00103	Amount Added:	1.00	Units: uL	Run Reagent
F 8260 IS_00243	Amount Added:	1.00	Units: uL	Run Reagent

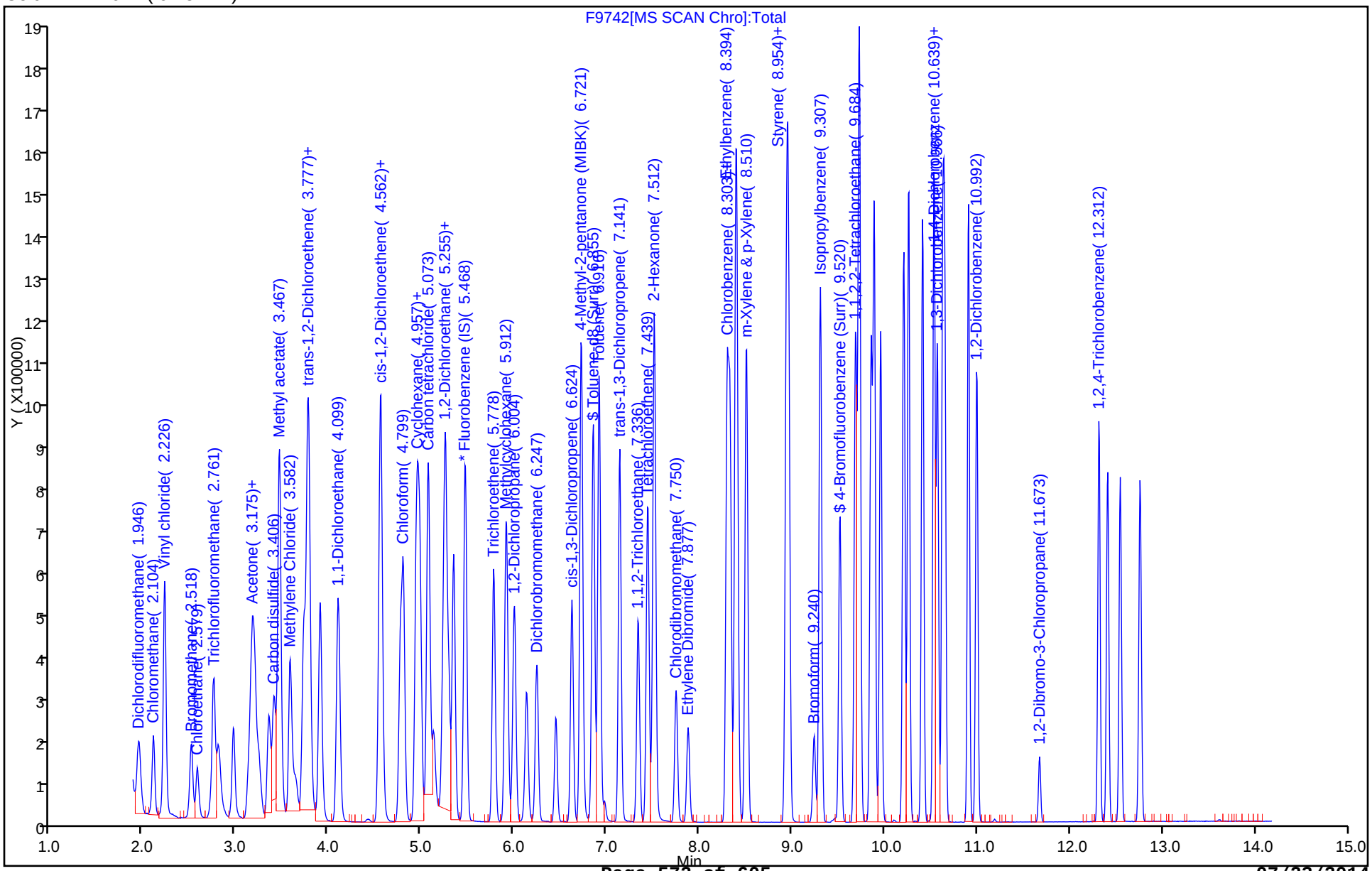
Report Date: 08-Jul-2014 08:06:27 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973F\20140707-33566.b\F9742.D

Injection Date:	08-Jul-2014 05:43:30	Instrument ID:	HP5973F	Operator ID:	CDC
Lims ID:	480-62605-A-3-C MSD			Worklist Smp#:	20
Client ID:	SB-7 8'				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	F-8260 SOIL	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1407 MSD Lab Sample ID: 480-63231-8 MSD

Matrix: Water Lab File ID: T3230.D

Analysis Method: 8260C Date Collected: 07/03/2014 12:30

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2014 07:25

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.: 192459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	28.2		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	26.4		1.0	0.21
79-00-5	1,1,2-Trichloroethane	27.7		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	27.3		1.0	0.31
75-34-3	1,1-Dichloroethane	29.5		1.0	0.38
75-35-4	1,1-Dichloroethene	27.6		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	26.9		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	25.8		1.0	0.39
106-93-4	1,2-Dibromoethane	25.9		1.0	0.73
95-50-1	1,2-Dichlorobenzene	27.0		1.0	0.79
107-06-2	1,2-Dichloroethane	29.6		1.0	0.21
78-87-5	1,2-Dichloropropane	28.6		1.0	0.72
541-73-1	1,3-Dichlorobenzene	26.9		1.0	0.78
106-46-7	1,4-Dichlorobenzene	27.1		1.0	0.84
591-78-6	2-Hexanone	157		5.0	1.2
78-93-3	2-Butanone (MEK)	155		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	151		5.0	2.1
67-64-1	Acetone	143		10	3.0
71-43-2	Benzene	27.6		1.0	0.41
75-27-4	Bromodichloromethane	29.3		1.0	0.39
75-25-2	Bromoform	24.3		1.0	0.26
74-83-9	Bromomethane	30.3		1.0	0.69
75-15-0	Carbon disulfide	25.8		1.0	0.19
56-23-5	Carbon tetrachloride	26.9		1.0	0.27
108-90-7	Chlorobenzene	27.3		1.0	0.75
124-48-1	Dibromochloromethane	25.7		1.0	0.32
75-00-3	Chloroethane	30.4		1.0	0.32
67-66-3	Chloroform	28.1		1.0	0.34
74-87-3	Chloromethane	29.5		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	28.1		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	25.4		1.0	0.36
110-82-7	Cyclohexane	32.0		1.0	0.18
75-71-8	Dichlorodifluoromethane	23.0		1.0	0.68
100-41-4	Ethylbenzene	27.8		1.0	0.74
98-82-8	Isopropylbenzene	27.3		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-62518-1

SDG No.:

Client Sample ID: MW-1407 MSD | Lab Sample ID: 480-63231-8 MSD

Matrix: Water | Lab File ID: T3230.D

Analysis Method: 8260C | Date Collected: 07/03/2014 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/12/2014 07:25

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.: 192459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	145		2.5	0.50
1634-04-4	Methyl tert-butyl ether	27.5		1.0	0.16
108-87-2	Methylcyclohexane	28.6		1.0	0.16
75-09-2	Methylene Chloride	27.7		1.0	0.44
100-42-5	Styrene	26.7		1.0	0.73
127-18-4	Tetrachloroethene	66.7		1.0	0.36
108-88-3	Toluene	26.6		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	27.3		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	24.3		1.0	0.37
79-01-6	Trichloroethene	29.1		1.0	0.46
75-69-4	Trichlorofluoromethane	26.8		1.0	0.88
75-01-4	Vinyl chloride	24.5		1.0	0.90
1330-20-7	Xylenes, Total	53.6		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		66-137
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3230.D
Lims ID: 480-63231-A-8 MSD
Client ID: MW-1407
Sample Type: MSD
Inject. Date: 12-Jul-2014 07:25:30 ALS Bottle#: 31 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-63231-A-8 MSD
Misc. Info.: 480-0033721-025
Operator ID: gtg Instrument ID: HP5975T

Method: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 13-Jul-2014 19:36:54 Calib Date: 27-Jun-2014 20:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5975T\20140627-33352.b\T2737.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 13-Jul-2014 19:43:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	96	4.336	4.335	0.001	97	454956	25.0	25.0	
* 2 Chlorobenzene-d5	117	6.636	6.636	0.000	86	357914	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	8.491	8.491	0.000	63	188401	25.0	25.0	
$ 154 Dibromofluoromethane (Surr	113	3.869	3.869	0.000	55	119767	25.0	26.0	
$ 4 1,2-Dichloroethane-d4 (Sur	65	4.118	4.118	0.000	0	155509	25.0	26.8	
$ 6 Toluene-d8 (Surr)	98	5.517	5.517	0.000	92	442196	25.0	24.5	
$ 7 4-Bromofluorobenzene (Surr	174	7.569	7.569	0.000	90	130200	25.0	24.5	
11 Dichlorodifluoromethane	85	0.905	0.905	0.000	86	118721	25.0	23.0	
13 Chloromethane	50	1.019	1.019	0.000	89	209262	25.0	29.5	
14 Vinyl chloride	62	1.102	1.102	0.000	84	149303	25.0	24.5	
15 Bromomethane	94	1.320	1.320	0.000	94	71924	25.0	30.3	
16 Chloroethane	64	1.382	1.382	0.000	94	94717	25.0	30.4	
17 Trichlorofluoromethane	101	1.558	1.548	0.010	83	176985	25.0	26.8	
22 1,1-Dichloroethene	96	1.962	1.962	0.000	82	115247	25.0	27.6	
20 1,1,2-Trichloro-1,2,2-trif	101	1.973	1.962	0.011	82	125548	25.0	27.3	
23 Acetone	43	2.108	2.107	0.001	97	344615	125.0	142.5	
25 Carbon disulfide	76	2.128	2.128	0.000	98	417835	25.0	25.8	
28 Methyl acetate	43	2.367	2.366	0.001	100	811940	125.0	144.7	
30 Methylene Chloride	84	2.439	2.429	0.010	87	141436	25.0	27.7	
33 Methyl tert-butyl ether	73	2.636	2.636	0.000	87	431317	25.0	27.5	
32 trans-1,2-Dichloroethene	96	2.636	2.636	0.000	88	144055	25.0	27.3	
36 1,1-Dichloroethane	63	2.999	2.999	0.000	86	303304	25.0	29.5	
43 cis-1,2-Dichloroethene	96	3.475	3.475	0.000	72	155648	25.0	28.1	
44 2-Butanone (MEK)	43	3.538	3.527	0.011	97	552019	125.0	155.2	
50 Chloroform	83	3.735	3.734	0.000	82	253919	25.0	28.1	
51 1,1,1-Trichloroethane	97	3.817	3.817	0.000	91	200679	25.0	28.2	
52 Cyclohexane	56	3.817	3.817	0.000	98	350033	25.0	32.0	
53 Carbon tetrachloride	117	3.931	3.931	0.000	82	155868	25.0	26.9	
55 Benzene	78	4.118	4.118	0.000	94	557017	25.0	27.6	
57 1,2-Dichloroethane	62	4.180	4.170	0.010	89	238130	25.0	29.6	
1 1,4-Difluorobenzene	114		4.429					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
60 Trichloroethene	95	4.605	4.605	0.000	90	149098	25.0	29.1	
62 Methylcyclohexane	83	4.688	4.688	0.000	95	254785	25.0	28.6	
63 1,2-Dichloropropane	63	4.802	4.802	0.000	85	162420	25.0	28.6	
67 Dichlorobromomethane	83	5.020	5.030	-0.010	89	169148	25.0	29.3	
71 cis-1,3-Dichloropropene	75	5.351	5.351	0.000	83	198545	25.0	25.4	
72 4-Methyl-2-pentanone (MIBK	43	5.475	5.475	0.000	98	1262536	125.0	151.3	
73 Toluene	92	5.569	5.569	0.000	96	352745	25.0	26.6	
75 trans-1,3-Dichloropropene	75	5.786	5.786	0.000	90	162100	25.0	24.3	
78 1,1,2-Trichloroethane	83	5.931	5.931	0.000	90	111991	25.0	27.7	
79 Tetrachloroethene	166	5.963	5.962	0.001	87	364504	25.0	66.7	
81 2-Hexanone	43	6.118	6.118	0.000	98	926018	125.0	157.1	
82 Chlorodibromomethane	129	6.222	6.222	0.000	87	105852	25.0	25.7	
83 Ethylene Dibromide	107	6.294	6.294	0.000	98	128252	25.0	25.9	
86 Chlorobenzene	112	6.657	6.657	0.000	92	398676	25.0	27.3	
88 Ethylbenzene	91	6.729	6.729	0.000	98	705420	25.0	27.8	
90 m-Xylene & p-Xylene	106	6.823	6.812	0.011	0	268443		27.0	
91 o-Xylene	106	7.134	7.133	0.001	98	257057		26.6	
92 Styrene	104	7.154	7.154	0.000	93	449239	25.0	26.7	
93 Bromoform	173	7.330	7.330	0.000	93	54660	25.0	24.3	
95 Isopropylbenzene	105	7.413	7.413	0.000	97	707433	25.0	27.3	
98 1,1,2,2-Tetrachloroethane	83	7.724	7.724	0.000	87	177169	25.0	26.4	
110 1,3-Dichlorobenzene	146	8.429	8.429	0.000	96	335603	25.0	26.9	
113 1,4-Dichlorobenzene	146	8.512	8.501	0.011	94	342366	25.0	27.1	
116 1,2-Dichlorobenzene	146	8.812	8.812	0.000	94	320386	25.0	27.0	
117 1,2-Dibromo-3-Chloropropan	75	9.486	9.486	0.000	70	24360	25.0	25.8	
119 1,2,4-Trichlorobenzene	180	10.118	10.118	0.000	92	201208	25.0	26.9	
S 126 Xylenes, Total	1				0			53.6	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

GAS CORP mix_00036	Amount Added:	12.50	Units: uL	
8260 CORP mix_00015	Amount Added:	12.50	Units: uL	
T_8260_IS_00080	Amount Added:	1.00	Units: uL	Run Reagent
T_8260_Surr_00079	Amount Added:	1.00	Units: uL	Run Reagent

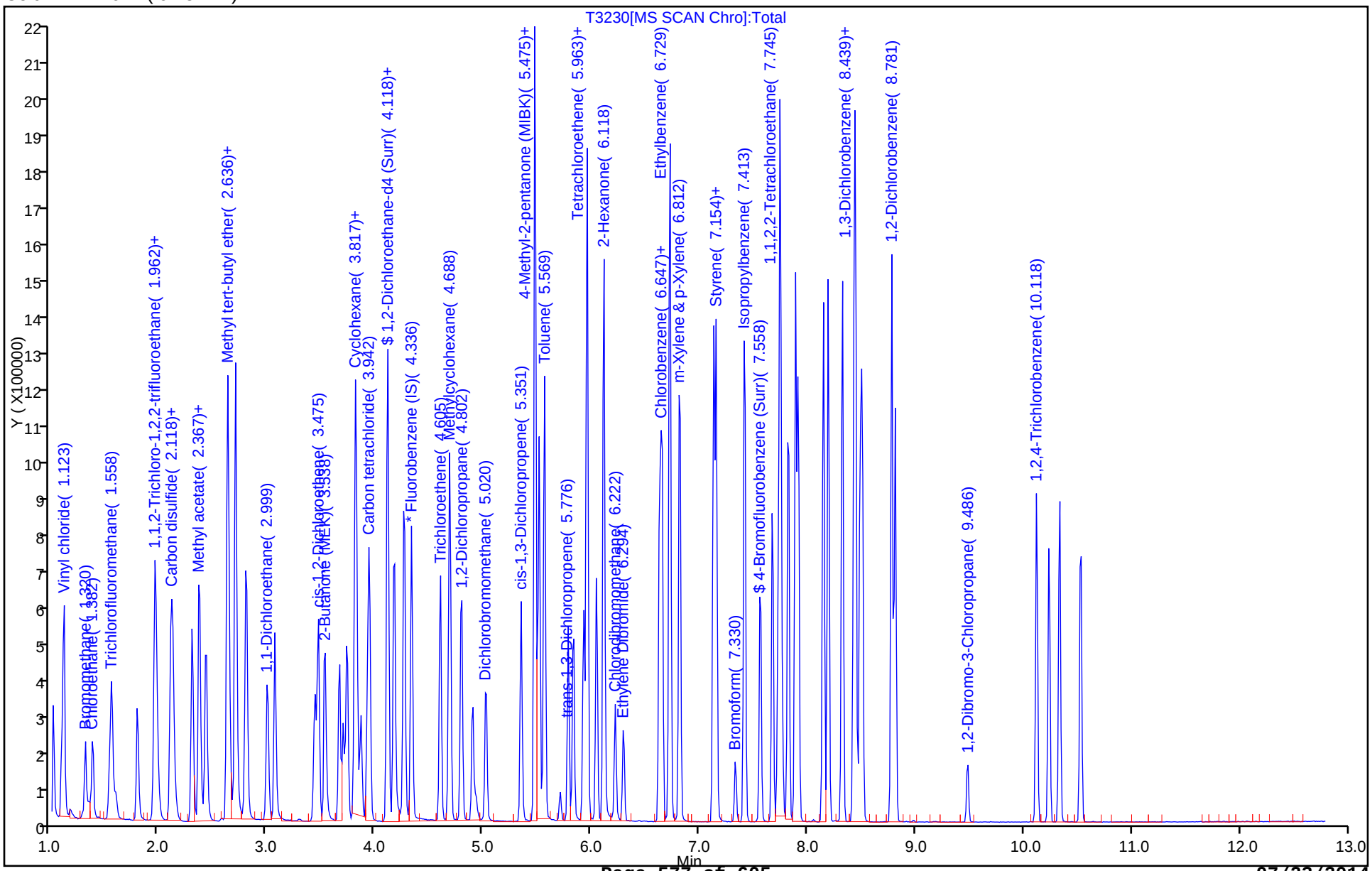
Report Date: 13-Jul-2014 19:43:19 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5975T\20140711-33721.b\T3230.D

Injection Date:	12-Jul-2014 07:25:30	Instrument ID:	HP5975T	Operator ID:	gtg
Lims ID:	480-63231-A-8 MSD			Worklist Smp#:	25
Client ID:	MW-1407				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	T-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: HP5973F Start Date: 06/22/2014 23:37

Analysis Batch Number: 189174 End Date: 06/23/2014 08:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-189174/3		06/22/2014 23:37	1	F9378.D	ZB-624 (60) 0.25(mm)
IC 480-189174/5		06/23/2014 00:33	1	F9380.D	ZB-624 (60) 0.25(mm)
IC 480-189174/6		06/23/2014 00:58	1	F9381.D	ZB-624 (60) 0.25(mm)
IC 480-189174/7		06/23/2014 01:24	1	F9382.D	ZB-624 (60) 0.25(mm)
IC 480-189174/8		06/23/2014 01:50	1	F9383.D	ZB-624 (60) 0.25(mm)
ICIS 480-189174/9		06/23/2014 02:16	1	F9384.D	ZB-624 (60) 0.25(mm)
IC 480-189174/10		06/23/2014 02:42	1	F9385.D	ZB-624 (60) 0.25(mm)
IC 480-189174/11		06/23/2014 03:08	1	F9386.D	ZB-624 (60) 0.25(mm)
IC 480-189174/13		06/23/2014 03:59	1		ZB-624 (60) 0.25(mm)
IC 480-189174/14		06/23/2014 04:24	1		ZB-624 (60) 0.25(mm)
IC 480-189174/15		06/23/2014 04:50	1		ZB-624 (60) 0.25(mm)
IC 480-189174/16		06/23/2014 05:16	1		ZB-624 (60) 0.25(mm)
IC 480-189174/17		06/23/2014 05:42	1		ZB-624 (60) 0.25(mm)
IC 480-189174/18		06/23/2014 06:08	1		ZB-624 (60) 0.25(mm)
IC 480-189174/19		06/23/2014 06:34	1		ZB-624 (60) 0.25(mm)
MDLV 480-189174/21		06/23/2014 07:25	1		ZB-624 (60) 0.25(mm)
MDLV 480-189174/22		06/23/2014 07:51	1		ZB-624 (60) 0.25(mm)
ICV 480-189174/23		06/23/2014 08:16	1		ZB-624 (60) 0.25(mm)
ICV 480-189174/24		06/23/2014 08:42	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: HP5973F Start Date: 06/28/2014 09:45

Analysis Batch Number: 190420 End Date: 06/28/2014 23:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-190420/2		06/28/2014 09:45	1	F9557.D	ZB-624 (60) 0.25(mm)
CCVIS 480-190420/3		06/28/2014 10:11	1	F9558.D	ZB-624 (60) 0.25(mm)
CCV 480-190420/4		06/28/2014 10:37	1		ZB-624 (60) 0.25(mm)
LCS 480-190420/7		06/28/2014 11:39	1	F9561.D	ZB-624 (60) 0.25(mm)
MB 480-190420/8		06/28/2014 12:05	1	F9562.D	ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 12:42	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 13:07	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 13:33	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 13:59	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 14:25	1		ZB-624 (60) 0.25(mm)
480-62518-1	SB-1 8-10'	06/28/2014 14:50	1	F9568.D	ZB-624 (60) 0.25(mm)
480-62518-2	SB-2 12-16'	06/28/2014 15:16	1	F9569.D	ZB-624 (60) 0.25(mm)
480-62518-3	SB-2 8-10'	06/28/2014 15:42	1	F9570.D	ZB-624 (60) 0.25(mm)
480-62518-4	SB-3 6'	06/28/2014 16:08	1	F9571.D	ZB-624 (60) 0.25(mm)
480-62518-5	SB-4 4-10'	06/28/2014 16:34	1	F9572.D	ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 17:00	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 17:26	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 17:52	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 18:17	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 18:43	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 19:09	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 19:35	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 20:01	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 20:27	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 20:52	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 22:09	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 22:35	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 23:01	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 23:26	1		ZB-624 (60) 0.25(mm)
ZZZZZ		06/28/2014 23:52	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: HP5973F Start Date: 07/02/2014 16:48

Analysis Batch Number: 191084 End Date: 07/03/2014 01:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-191084/1		07/02/2014 16:48	1	F9666.D	ZB-624 (60) 0.25(mm)
IC 480-191084/3		07/02/2014 17:44	1	F9668.D	ZB-624 (60) 0.25(mm)
IC 480-191084/4		07/02/2014 18:10	1	F9669.D	ZB-624 (60) 0.25(mm)
IC 480-191084/5		07/02/2014 18:36	1	F9670.D	ZB-624 (60) 0.25(mm)
IC 480-191084/6		07/02/2014 19:01	1	F9671.D	ZB-624 (60) 0.25(mm)
ICIS 480-191084/7		07/02/2014 19:27	1	F9672.D	ZB-624 (60) 0.25(mm)
IC 480-191084/8		07/02/2014 19:53	1	F9673.D	ZB-624 (60) 0.25(mm)
IC 480-191084/9		07/02/2014 20:18	1	F9674.D	ZB-624 (60) 0.25(mm)
IC 480-191084/11		07/02/2014 21:10	1		ZB-624 (60) 0.25(mm)
IC 480-191084/12		07/02/2014 21:36	1		ZB-624 (60) 0.25(mm)
IC 480-191084/13		07/02/2014 22:02	1		ZB-624 (60) 0.25(mm)
IC 480-191084/14		07/02/2014 22:27	1		ZB-624 (60) 0.25(mm)
IC 480-191084/15		07/02/2014 22:53	1		ZB-624 (60) 0.25(mm)
IC 480-191084/16		07/02/2014 23:19	1		ZB-624 (60) 0.25(mm)
IC 480-191084/17		07/02/2014 23:45	1		ZB-624 (60) 0.25(mm)
MDLV 480-191084/19		07/03/2014 00:36	1		ZB-624 (60) 0.25(mm)
MDLV 480-191084/20		07/03/2014 01:01	1		ZB-624 (60) 0.25(mm)
ICV 480-191084/21		07/03/2014 01:27	1		ZB-624 (60) 0.25(mm)
ICV 480-191084/22		07/03/2014 01:52	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: HP5973F Start Date: 07/07/2014 21:26

Analysis Batch Number: 191487 End Date: 07/08/2014 09:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-191487/2		07/07/2014 21:26	1	F9725.D	ZB-624 (60) 0.25(mm)
CCVIS 480-191487/3		07/07/2014 21:54	1	F9726.D	ZB-624 (60) 0.25(mm)
CCV 480-191487/4		07/07/2014 22:35	1		ZB-624 (60) 0.25(mm)
LCS 480-191487/6		07/07/2014 23:01	1	F9728.D	ZB-624 (60) 0.25(mm)
MB 480-191487/7		07/07/2014 23:27	1	F9729.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 00:34	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 00:59	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 01:25	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 01:51	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 02:17	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 02:43	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 03:09	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 03:34	1		ZB-624 (60) 0.25(mm)
480-62605-1	SB-5 7'	07/08/2014 04:00	1	F9738.D	ZB-624 (60) 0.25(mm)
480-62605-2	SB-6 8'	07/08/2014 04:26	1	F9739.D	ZB-624 (60) 0.25(mm)
480-62605-3	SB-7 8'	07/08/2014 04:52	1	F9740.D	ZB-624 (60) 0.25(mm)
480-62605-3 MS	SB-7 8' MS	07/08/2014 05:17	1	F9741.D	ZB-624 (60) 0.25(mm)
480-62605-3 MSD	SB-7 8' MSD	07/08/2014 05:43	1	F9742.D	ZB-624 (60) 0.25(mm)
480-62605-4	SB-8 10'	07/08/2014 06:09	1	F9743.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 06:34	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 06:59	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 07:25	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 07:51	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 08:17	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 08:43	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 09:09	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/08/2014 09:35	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: HP5973S Start Date: 06/27/2014 18:59

Analysis Batch Number: 190357 End Date: 06/28/2014 03:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-190357/4		06/27/2014 18:59	1	S39777.D	ZB-624 (60) 0.25(mm)
IC 480-190357/6		06/27/2014 19:46	1	S39779.D	ZB-624 (60) 0.25(mm)
IC 480-190357/7		06/27/2014 20:08	1	S39780.D	ZB-624 (60) 0.25(mm)
IC 480-190357/8		06/27/2014 20:31	1	S39781.D	ZB-624 (60) 0.25(mm)
IC 480-190357/9		06/27/2014 20:53	1	S39782.D	ZB-624 (60) 0.25(mm)
ICIS 480-190357/10		06/27/2014 21:16	1	S39783.D	ZB-624 (60) 0.25(mm)
IC 480-190357/11		06/27/2014 21:38	1	S39784.D	ZB-624 (60) 0.25(mm)
IC 480-190357/12		06/27/2014 22:01	1	S39785.D	ZB-624 (60) 0.25(mm)
MDLV 480-190357/14		06/27/2014 22:46	1		ZB-624 (60) 0.25(mm)
IC 480-190357/16		06/27/2014 23:31	1		ZB-624 (60) 0.25(mm)
IC 480-190357/17		06/27/2014 23:53	1		ZB-624 (60) 0.25(mm)
IC 480-190357/18		06/28/2014 00:16	1		ZB-624 (60) 0.25(mm)
IC 480-190357/19		06/28/2014 00:38	1		ZB-624 (60) 0.25(mm)
IC 480-190357/20		06/28/2014 01:00	1		ZB-624 (60) 0.25(mm)
IC 480-190357/21		06/28/2014 01:22	1		ZB-624 (60) 0.25(mm)
IC 480-190357/22		06/28/2014 01:44	1		ZB-624 (60) 0.25(mm)
MDLV 480-190357/24		06/28/2014 02:29	1		ZB-624 (60) 0.25(mm)
ICV 480-190357/25		06/28/2014 02:51	1		ZB-624 (60) 0.25(mm)
ICV 480-190357/26		06/28/2014 03:14	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: HP5973S Start Date: 07/07/2014 10:14

Analysis Batch Number: 191393 End Date: 07/07/2014 20:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-191393/2		07/07/2014 10:14	1	S39965.D	ZB-624 (60) 0.25(mm)
CCVIS 480-191393/3		07/07/2014 10:38	1	S39966.D	ZB-624 (60) 0.25(mm)
CCV 480-191393/5		07/07/2014 11:34	1		ZB-624 (60) 0.25(mm)
LCS 480-191393/6		07/07/2014 11:56	1	S39969.D	ZB-624 (60) 0.25(mm)
MB 480-191393/8		07/07/2014 12:41	1	S39971.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 13:03	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 13:25	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 13:48	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 14:10	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 14:32	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 14:54	20		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 15:16	20		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 15:39	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 16:01	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 16:23	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 16:45	1		ZB-624 (60) 0.25(mm)
LB 480-190958/1-A		07/07/2014 18:57	10	S39988.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 19:19	10		ZB-624 (60) 0.25(mm)
480-63021-1	Drums	07/07/2014 19:41	10	S39990.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 20:03	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 20:25	20		ZB-624 (60) 0.25(mm)
ZZZZZ		07/07/2014 20:48	20		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: HP5975T Start Date: 06/27/2014 13:16

Analysis Batch Number: 190242 End Date: 06/27/2014 22:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-190242/6		06/27/2014 13:16	1	T2719.D	ZB-624 (60) 0.25(mm)
IC 480-190242/8		06/27/2014 14:16	1	T2721.D	ZB-624 (60) 0.25(mm)
IC 480-190242/9		06/27/2014 14:39	1	T2722.D	ZB-624 (60) 0.25(mm)
IC 480-190242/10		06/27/2014 15:03	1	T2723.D	ZB-624 (60) 0.25(mm)
IC 480-190242/11		06/27/2014 15:27	1	T2724.D	ZB-624 (60) 0.25(mm)
ICIS 480-190242/12		06/27/2014 15:51	1	T2725.D	ZB-624 (60) 0.25(mm)
IC 480-190242/13		06/27/2014 16:15	1	T2726.D	ZB-624 (60) 0.25(mm)
IC 480-190242/14		06/27/2014 16:39	1	T2727.D	ZB-624 (60) 0.25(mm)
MDLV 480-190242/16		06/27/2014 17:27	1		ZB-624 (60) 0.25(mm)
IC 480-190242/18		06/27/2014 18:14	1		ZB-624 (60) 0.25(mm)
IC 480-190242/19		06/27/2014 18:38	1		ZB-624 (60) 0.25(mm)
IC 480-190242/20		06/27/2014 19:02	1		ZB-624 (60) 0.25(mm)
IC 480-190242/21		06/27/2014 19:26	1		ZB-624 (60) 0.25(mm)
IC 480-190242/22		06/27/2014 19:49	1		ZB-624 (60) 0.25(mm)
IC 480-190242/23		06/27/2014 20:13	1		ZB-624 (60) 0.25(mm)
IC 480-190242/24		06/27/2014 20:37	1		ZB-624 (60) 0.25(mm)
MDLV 480-190242/26		06/27/2014 21:25	1		ZB-624 (60) 0.25(mm)
ICV 480-190242/27		06/27/2014 21:49	1		ZB-624 (60) 0.25(mm)
ICV 480-190242/28		06/27/2014 22:12	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: HP5975T Start Date: 07/11/2014 22:03

Analysis Batch Number: 192459 End Date: 07/12/2014 10:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-192459/1		07/11/2014 22:03	1	T3206.D	ZB-624 (60) 0.25(mm)
CCVIS 480-192459/2		07/11/2014 22:29	1	T3207.D	ZB-624 (60) 0.25(mm)
CCV 480-192459/3		07/11/2014 22:53	1		ZB-624 (60) 0.25(mm)
LCS 480-192459/4		07/11/2014 23:17	1	T3209.D	ZB-624 (60) 0.25(mm)
MB 480-192459/7		07/12/2014 00:04	1	T3212.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 00:40	4		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 01:04	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 01:28	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 01:51	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 02:15	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 02:39	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 03:03	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 03:26	1		ZB-624 (60) 0.25(mm)
480-63231-1	MW-6	07/12/2014 03:50	1	T3221.D	ZB-624 (60) 0.25(mm)
480-63231-2	MW-1403	07/12/2014 04:14	1	T3222.D	ZB-624 (60) 0.25(mm)
480-63231-3	MW-1402	07/12/2014 04:38	1	T3223.D	ZB-624 (60) 0.25(mm)
480-63231-4	MW-1401	07/12/2014 05:01	1	T3224.D	ZB-624 (60) 0.25(mm)
480-63231-5	MW-1404	07/12/2014 05:26	1	T3225.D	ZB-624 (60) 0.25(mm)
480-63231-6	MW-1405	07/12/2014 05:49	1	T3226.D	ZB-624 (60) 0.25(mm)
480-63231-7	MW-1406	07/12/2014 06:13	1	T3227.D	ZB-624 (60) 0.25(mm)
480-63231-8	MW-1407	07/12/2014 06:37	1	T3228.D	ZB-624 (60) 0.25(mm)
480-63231-8 MS	MW-1407 MS	07/12/2014 07:01	1	T3229.D	ZB-624 (60) 0.25(mm)
480-63231-8 MSD	MW-1407 MSD	07/12/2014 07:25	1	T3230.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 08:12	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 08:36	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 09:00	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 09:24	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 09:47	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 10:11	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 10:35	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/12/2014 10:59	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: HP5975T Start Date: 07/14/2014 17:41

Analysis Batch Number: 192725 End Date: 07/15/2014 05:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-192725/2		07/14/2014 17:41	1	T3251.D	ZB-624 (60) 0.25(mm)
CCVIS 480-192725/5		07/14/2014 18:13	1	T3254.D	ZB-624 (60) 0.25(mm)
CCV 480-192725/6		07/14/2014 18:37	1		ZB-624 (60) 0.25(mm)
LCS 480-192725/7		07/14/2014 19:01	1	T3256.D	ZB-624 (60) 0.25(mm)
MDLV 480-192725/8		07/14/2014 19:26	1		ZB-624 (60) 0.25(mm)
MB 480-192725/10		07/14/2014 20:14	1	T3259.D	ZB-624 (60) 0.25(mm)
480-63231-9	MW-1408	07/14/2014 20:53	1	T3260.D	ZB-624 (60) 0.25(mm)
480-63231-10	DUP	07/14/2014 21:17	1	T3261.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/14/2014 22:05	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/14/2014 22:29	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/14/2014 22:53	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/14/2014 23:17	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 00:05	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 00:54	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 01:17	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 01:41	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 02:05	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 02:29	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 02:52	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 03:40	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 04:04	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 04:28	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 04:52	20		ZB-624 (60) 0.25(mm)
ZZZZZ		07/15/2014 05:16	20		ZB-624 (60) 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Batch Number: 190443 Batch Start Date: 06/28/14 11:16 Batch Analyst: Sobol, Renee A

Batch Method: 5035A Batch End Date: 06/28/14 11:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
480-62518-A-1	SB-1 8-10'	5035A, 8260C	T	+030.558 g	36.77 g	6.212 g	5 mL		
480-62518-A-2	SB-2 12-16'	5035A, 8260C	T	+030.645 g	37.08 g	6.435 g	5 mL		
480-62518-A-3	SB-2 8-10'	5035A, 8260C	T	+030.311 g	35.60 g	5.289 g	5 mL		
480-62518-A-4	SB-3 6'	5035A, 8260C	T	+031.138 g	36.76 g	5.622 g	5 mL		
480-62518-A-5	SB-4 4-10'	5035A, 8260C	T	+030.856 g	37.25 g	6.394 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Batch Number: 190958 Batch Start Date: 07/02/14 09:52 Batch Analyst: Gentner, Taylor R

Batch Method: 1311 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	PartSizeRed	VesselNumber	FiltCompDate	FiltCompTime
LB 480-190958/1		1311, 8260C			500 mL		8	7/3/14	8:05
480-63021-A-1	Drums	1311, 8260C	P	25.61 g	500 mL	no	15	7/3/14	8:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	LeachatepH	LeachVolume	TCLP%Solids	Pressure_Init	Pressure_Final	
LB 480-190958/1		1311, 8260C		4.92	120 mL		50 psi absolute	50 psi absolute	
480-63021-A-1	Drums	1311, 8260C	P	5.58	120 mL	100 %	50 psi absolute	50 psi absolute	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Batch Number: 190958 Batch Start Date: 07/02/14 09:52 Batch Analyst: Gentner, Taylor R

Batch Method: 1311 Batch End Date:

Batch Notes	
Balance ID	B037067151
pH Buffer 1 ID	1808926 (10)
pH Buffer 2 ID	1808950 (7)
pH Buffer 3 ID	2159850 (4)
pH Buffer 4 ID	2099533 (2)
First End time	04:20
Final Room Temperature	22.80 Celsius
Initial Room Temperature	23.20 Celsius
Minumum Temperature	22.80 Celsius
pH Meter Calibration Slope	93.6%
Room Temperature during Rotation	22.80-23.20 Degrees C
Room Temperature Thermometer ID	122273689
First Start time	12:20
TCLP Fluid 1 ID	4.89
TCLP Fluid pH	Voa Fluid ; 2162639 SU
Temperature	22.80 Celsius
Maximum Temperature	23.20 Celsius
ID number of the thermometer	12227689
Tumbler Rotations per Minute	30 RPM TG 7/2/14
Uncorrected Final Room Temperature	22.70 Celsius
Uncorrected Initial Room Temperature	23.10 Celsius
Uncorrected Room Temperature	22.70-23.10 Celsius
Uncorrected Temperature	22.70 Celsius
Uncorrected Maximum Temperature	23.10 Celsius
Uncorrected Minimum Temperature	22.70 Celsius

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Batch Number: 191514 Batch Start Date: 07/07/14 23:32 Batch Analyst: Cwiklinski, Charles D

Batch Method: 5035A Batch End Date: 07/07/14 23:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
480-62605-A-1	SB-5 7'	5035A, 8260C	T	30.74 g	36.87 g	6.13 g	5 mL		
480-62605-A-2	SB-6 8'	5035A, 8260C	T	31.43 g	36.76 g	5.33 g	5 mL		
480-62605-A-3	SB-7 8'	5035A, 8260C	T	31.08 g	36.76 g	5.68 g	5 mL		
480-62605-A-3 MS	SB-7 8'	5035A, 8260C	T	31.64 g	37.51 g	5.87 g	5 mL		
480-62605-A-3 MSD	SB-7 8'	5035A, 8260C	T	31.01 g	38.32 g	7.31 g	5 mL		
480-62605-A-4	SB-8 10'	5035A, 8260C	T	31.53 g	37.41 g	5.88 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Buffalo Job Number: 480-62518-1

SDG No.:

Project: KEM Cleaners #447031

Client Sample ID	Lab Sample ID
SB-1 8-10'	480-62518-1
SB-2 12-16'	480-62518-2
SB-2 8-10'	480-62518-3
SB-3 6'	480-62518-4
SB-4 4-10'	480-62518-5
SB-5 7'	480-62605-1
SB-6 8'	480-62605-2
SB-7 8'	480-62605-3
SB-8 10'	480-62605-4

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Buffalo Job Number: 480-62518-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 08/17/2009 12:10

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Buffalo Job Number: 480-62518-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 08/17/2009 12:10

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/26/2014 20:14 End Date: 06/26/2014 20:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			20:14																					
ZZZZZZ			20:14																					
ZZZZZZ			20:14																					
ZZZZZZ			20:14																					
480-62605-1	1	T	20:14	X	X																			
480-62605-2	1	T	20:14	X	X																			
480-62605-3	1	T	20:14	X	X																			
480-62605-3 MS	1	T	20:14	X	X																			
480-62605-3 MSD	1	T	20:14	X	X																			
480-62605-4	1	T	20:14	X	X																			
480-62518-1	1	T	20:14	X	X																			
480-62518-2	1	T	20:14	X	X																			
480-62518-3	1	T	20:14	X	X																			
480-62518-4	1	T	20:14	X	X																			
480-62518-5	1	T	20:14	X	X																			
ZZZZZZ			20:14																					
ZZZZZZ			20:14																					
ZZZZZZ			20:14																					
ZZZZZZ			20:14																					
ZZZZZZ			20:14																					

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Batch Number: 190119 Batch Start Date: 06/26/14 20:14 Batch Analyst: Goliszek, Gregory T

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
480-62605-D-1	SB-5 7'	Moisture	T	5.15 g	16.83 g	14.96 g			
480-62605-D-2	SB-6 8'	Moisture	T	5.15 g	15.39 g	14.51 g			
480-62605-D-3	SB-7 8'	Moisture	T	5.15 g	14.94 g	13.35 g			
480-62605-D-3 MS	SB-7 8'	Moisture	T	5.15 g	14.94 g	13.36 g			
480-62605-D-3 MSD	SB-7 8'	Moisture	T	5.15 g	14.94 g	13.36 g			
480-62605-D-4	SB-8 10'	Moisture	T	5.15 g	16.83 g	15.24 g			
480-62518-D-1	SB-1 8-10'	Moisture	T	5.15 g	14.51 g	12.68 g			
480-62518-D-2	SB-2 12-16'	Moisture	T	5.15 g	16.65 g	14.87 g			
480-62518-D-3	SB-2 8-10'	Moisture	T	5.15 g	14.13 g	13.50 g			
480-62518-D-4	SB-3 6'	Moisture	T	5.15 g	20.73 g	17.45 g			
480-62518-D-5	SB-4 4-10'	Moisture	T	5.15 g	15.76 g	14.29 g			

Batch Notes	
Batch Comment	pp-fh-01-14
Date samples were placed in the oven	6-26-14
Time samples were place in the oven	20.15

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC Region 4	Chris O'neill	6/23/14	217065
Address 1130 N Westcott Rd	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City Schenectady / **State** NY / **Zip Code**	Site Contact Steve	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State) Klem Curry Rd.	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

480-62518 Chain of Custody

Instructions/ ns of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Terra Core Kit	8260 TCL
SB-1 8-10'	6/23/14	1020				X							1	
SB-2 12-16'	6/23/14	1200				X							1	
SB-2 8-10'	6/23/14	1240				X							1	
SB-3 6'	6/23/14	1314				X							1	
SB-4 4-10'	6/23/14	1540				X							1	

Page 598 of 605

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify): ASP Cat B deliverable

	Date	Time		Date	Time
1. Relinquished By	6/23/14	1757	1. Received By	6-23-14	17:57
2. Relinquished By	6-23-14	1800	2. Received By TJL	6-24-14	0900
3. Relinquished By			3. Received By		

Comments: CC: Steve Phelps @ DES

5.4 #1

07/23/2014

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
MSDEC Region 4	Chris Cahill	6/24/14	217062
Address 1130 N Westcott Rd.	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
City Schenectady **State** NY **Zip Code**	**Site Contact** Sam	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Project Name and Location (State) LLSM Curry Rd	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote No.			

480-62605 Chain of Custody

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Tedlar Bag	8260 TCL	Actions/ Receipt
SB5 7'	6/24/14	0820				X							1	X	
SB-6 8'		0915				X							1	X	
SB-7 8'		1010				X							1	X	
SB-7 MS		1010				X							1	X	
SB-7 MSD		1010				X							1	X	
SB-8 10'	6/24/14	1130				X							1	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other Standard

QC Requirements (Specify) Cat B Deliverables

	Date	Time		Date	Time
1. Relinquished By	6/24/14	1220	1. Received By	6-24-14	12:30
2. Relinquished By	6-24-14	18:00	2. Received By TJL	6-25-14	1201
3. Relinquished By			3. Received By		

Comments: CC: Steve Phelps @ CPLS 3.7 #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica

480-63021 Chain of Custody

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TAL-4124 (1007)

Chain of Custody Number 271131

Page 1 of 1

Client: NYSDEC Region 4	Project Manager: Chris O'Neill		
Address: 1130 N. Westcott Rd.	Telephone Number (Area Code)/Fax Number		
City: Schenectady	State: NY	Zip Code:	Site Contact: Shawn S	Lab Contact:
Project Name and Location (State): Klem Curry Rd., Rotterdam NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Filtered
Drums	6/24/14	1530				X	1						X

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

1. Relinquished By	Date: 7-1-14	Time: 08:50	1. Received By	Date: 7-1-14	Time: 08:50
2. Relinquished By	Date: 7-1-14	Time: 18:00	2. Received By TM	Date: 7-2-14	Time: 0100
3. Relinquished By	Date:	Time:	3. Received By	Date:	Time:

Comments: CC: Steve.Phelps@dec

3.0 #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

07/23/2014

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐

480-63231 Chain of Custody

ENTAL TESTING

TAL-4124 (1007)

Client	Project Manager		Chain of Custody Number
NYSDEC-4	Chris O'Neil	7-3-14	271133
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
1130 North Westcott	518-885-4399		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Schnectady / N.Y.	S. Phelps		
Project Name and Location (State)	**Carrier/Waybill Number**		
KEM Cleaners Curry Rd			
Contract/Purchase Order/Quote No.			
NYS DEC Site # 447031			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8260 B TCL	Special Instructions/ Conditions of Receipt
MW-6	7-2-14	0950		X						X			X	Include Category B deliverable
MW-1403	7-2-14	1050		X						X			X	
MW-1402	7-2-14	11:04		X						X			X	
MW-1401	7-2-14	1220		X						X			X	
MW-1404	7-3-14	0920		X						X			X	
MW-1405	7-3-14	1030		X						X			X	
MW-1406	7-3-14	1105		X						X			X	
MW-1407	7-3-14	12:30		X						X			X	
MW-1408	7-3-14	13:20		X						X			X	
MSD	7-3-14	1230		X						X			X	
MS	7-3-14	1230		X						X			X	
DUP	7-3-14	1230		X						X			X	

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Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	7-3-14	1535	1. Received By	7-3-14	1535
2. Relinquished By	7-3-14	18:00	2. Received By	7-4-14	0200
3. Relinquished By			3. Received By		

07/23/2014

Comments

CC: SPhelps@Arcadis-us.com

3.7 #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-62518-1

Login Number: 62518

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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.	False	
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: New York State D.E.C.

Job Number: 480-62518-1

Login Number: 62605

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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	
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: New York State D.E.C.

Job Number: 480-62518-1

Login Number: 63021

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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.	False	
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-62518-1

Login Number: 63231

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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	
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

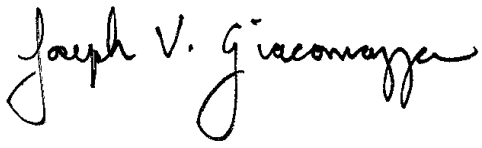
ANALYTICAL REPORT

Job Number: 480-70476-1

Job Description: KEM Cleaners #447031

For:
New York State D.E.C.
1150 North Westcott Road
Schenectady, NY 12306

Attention: Christopher O'Neill



Approved for release.
Joe V Giacomazza
Project Management Assistant II
11/12/2014 11:29 AM

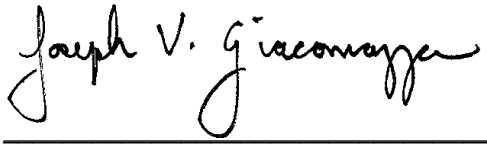
Designee for
Judy L Stone, Senior Project Manager
10 Hazelwood Drive, Amherst, NY, 14228-2298
(484)685-0868
judy.stone@testamericainc.com
11/12/2014

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

Job Number: 480-70476-1

Job Description: KEM Cleaners #447031

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



Approved for release.
Joe V Giacomazza
Project Management Assistant II
11/12/2014 11:29 AM

Designee for
Judy L Stone

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Job Narrative
480-70476-1

Receipt
The samples were received on 10/31/2014 1:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 212900 recovered outside acceptance criteria, low biased, for Methylcyclohexane, Carbon Tetrachloride, Cyclohexane, 1,1 Dichloroethene, 1,1,2 Trichloro-1,2,2 Trifluoroethane, Trichlorofluoromethane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

Method(s) 8260C: The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) for batch 212900 recovered outside control limits for the following analytes 1,1 Dichloroethene, 1,1,2 Trichloro-1,2,2 Trifluoroethane These were not requested spike compounds; therefore, the data have been qualified and reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 213019 recovered outside acceptance criteria, low biased, for 1,2-Dichloroethane and 1,1,2-Trichloro-1,2,2-Trifluoroethane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SAMPLE SUMMARY

Client: New York State D.E.C. Job Number: 480-70476-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-70476-1	MW-1402	Water	10/29/2014 1250	10/31/2014 0140
480-70476-2	MW-1401	Water	10/29/2014 1220	10/31/2014 0140
480-70476-3	MW-1403	Water	10/29/2014 1205	10/31/2014 0140
480-70476-4	MW-1405	Water	10/29/2014 0950	10/31/2014 0140
480-70476-5	MW-1406	Water	10/29/2014 1120	10/31/2014 0140
480-70476-6	MW-1407	Water	10/29/2014 1130	10/31/2014 0140
480-70476-7	MW-6	Water	10/29/2014 1150	10/31/2014 0140
480-70476-8	MW-1404	Water	10/29/2014 1325	10/31/2014 0140
480-70476-9	MW-1408	Water	10/29/2014 1300	10/31/2014 0140
480-70476-10	DUP	Water	10/29/2014 0000	10/31/2014 0140

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 480-70476-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-70476-1	**MW-1402**					
cis-1,2-Dichloroethene		1.5		1.0	ug/L	8260C
Tetrachloroethene		0.99	J	1.0	ug/L	8260C
480-70476-3	**MW-1403**					
Tetrachloroethene		87		1.0	ug/L	8260C
Trichloroethene		4.0		1.0	ug/L	8260C
480-70476-5	**MW-1406**					
Tetrachloroethene		2.7		1.0	ug/L	8260C
480-70476-6	**MW-1407**					
Tetrachloroethene		48		1.0	ug/L	8260C
Trichloroethene		0.89	J	1.0	ug/L	8260C
480-70476-7	**MW-6**					
Tetrachloroethene		63		1.0	ug/L	8260C
Trichloroethene		0.78	J	1.0	ug/L	8260C
480-70476-8	**MW-1404**					
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260C
480-70476-10	**DUP**					
Tetrachloroethene		66		1.0	ug/L	8260C
Trichloroethene		0.85	J	1.0	ug/L	8260C

METHOD SUMMARY

Client: New York State D.E.C. Job Number: 480-70476-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL BUF	SW846 8260C	
Purge and Trap	TAL BUF		SW846 5030C

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: New York State D.E.C. Job Number: 480-70476-1

Method	Analyst	Analyst ID
SW846 8260C	Boldt, Erik D	EDB
SW846 8260C	Goliszek, Gregory T	GTG

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1402**

Lab Sample ID: 480-70476-1 Date Sampled: 10/29/2014 1250
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36196.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1231			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1231				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	1.5		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	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	2.5
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	0.99	J	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: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1402**

Lab Sample ID: 480-70476-1 Date Sampled: 10/29/2014 1250
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36196.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1231			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1231				

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)	87		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	93		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1401**

Lab Sample ID: 480-70476-2 Date Sampled: 10/29/2014 1220
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36197.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1254			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1254				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND	*	0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1401**

Lab Sample ID: 480-70476-2 Date Sampled: 10/29/2014 1220
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36197.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1254			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1254				

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)	87		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	93		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1403**

Lab Sample ID: 480-70476-3 Date Sampled: 10/29/2014 1205
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36198.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1316			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1316				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND	*	0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	87		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	4.0		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1403**

Lab Sample ID: 480-70476-3 Date Sampled: 10/29/2014 1205
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36198.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1316			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1316				

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)	88		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	95		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1405**

Lab Sample ID: 480-70476-4 Date Sampled: 10/29/2014 0950
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36199.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1339			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1339				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND	*	0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1405**

Lab Sample ID: 480-70476-4 Date Sampled: 10/29/2014 0950
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36199.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1339			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1339				

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)	87		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	94		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1406**

Lab Sample ID: 480-70476-5 Date Sampled: 10/29/2014 1120
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36200.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1401			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1401				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND	*	0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	2.7		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: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1406**

Lab Sample ID: 480-70476-5 Date Sampled: 10/29/2014 1120
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36200.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1401			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1401				

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)	88		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	92		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1407**

Lab Sample ID: 480-70476-6 Date Sampled: 10/29/2014 1130
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36201.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1423			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1423				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND	*	0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	48		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	0.89	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1407**

Lab Sample ID: 480-70476-6 Date Sampled: 10/29/2014 1130
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36201.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1423			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1423				

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)	89		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	94		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-6**

Lab Sample ID: 480-70476-7 Date Sampled: 10/29/2014 1150
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36202.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1445			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1445				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND	*	0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	63		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	0.78	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-6**

Lab Sample ID: 480-70476-7 Date Sampled: 10/29/2014 1150
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36202.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1445			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1445				

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)	89		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	96		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1404**

Lab Sample ID: 480-70476-8 Date Sampled: 10/29/2014 1325
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36203.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1507			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1507				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	1.1		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	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	2.5
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: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1404**

Lab Sample ID: 480-70476-8 Date Sampled: 10/29/2014 1325
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36203.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1507			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1507				

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)	87		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	94		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1408**

Lab Sample ID: 480-70476-9 Date Sampled: 10/29/2014 1300
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36204.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1530			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1530				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND	*	0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **MW-1408**

Lab Sample ID: 480-70476-9 Date Sampled: 10/29/2014 1300
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36204.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1530			Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1530				

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)	88		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	95		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **DUP**

Lab Sample ID: 480-70476-10 Date Sampled: 10/29/2014 0000
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-213019	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36240.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2014 0334			Final Weight/Volume:	5 mL
Prep Date:	11/10/2014 0334				

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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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	66		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	0.85	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: New York State D.E.C. Job Number: 480-70476-1

Client Sample ID: **DUP**

Lab Sample ID: 480-70476-10 Date Sampled: 10/29/2014 0000
Client Matrix: Water Date Received: 10/31/2014 0140

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-213019	Instrument ID:	HP5973G
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	G36240.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2014 0334			Final Weight/Volume:	5 mL
Prep Date:	11/10/2014 0334				

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)	88		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	95		60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
480-70476-1	MW-1402	93	87	98	99
480-70476-2	MW-1401	93	87	98	98
480-70476-3	MW-1403	95	88	99	99
480-70476-4	MW-1405	94	87	99	101
480-70476-5	MW-1406	92	88	99	99
480-70476-6	MW-1407	94	89	99	100
480-70476-7	MW-6	96	89	100	99
480-70476-8	MW-1404	94	87	98	99
480-70476-9	MW-1408	95	88	100	100
480-70476-10	DUP	95	88	98	100
MB 480-212900/7		93	89	100	99
MB 480-213019/7		93	85	100	100
LCS 480-212900/5		96	88	101	100
LCS 480-213019/5		95	84	100	102

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	60-140
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Client: New York State D.E.C. Job Number: 480-70476-1

Method Blank - Batch: 480-212900

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 480-212900/7	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G36195.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1153	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1153				
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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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: 480-212900

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 480-212900/7	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G36195.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1153	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1153				
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)	89	66 - 137
Toluene-d8 (Surr)	100	71 - 126
4-Bromofluorobenzene (Surr)	99	73 - 120
Dibromofluoromethane (Surr)	93	60 - 140

Lab Control Sample - Batch: 480-212900

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 480-212900/5	Analysis Batch:	480-212900	Instrument ID:	HP5973G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G36193.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2014 1108	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/08/2014 1108				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	22.0	88	71 - 129	
1,1-Dichloroethene	25.0	15.7	63	58 - 121	
1,2-Dichlorobenzene	25.0	24.4	98	80 - 124	
1,2-Dichloroethane	25.0	20.3	81	75 - 127	
Benzene	25.0	24.8	99	71 - 124	
Chlorobenzene	25.0	24.5	98	72 - 120	
cis-1,2-Dichloroethene	25.0	25.4	101	74 - 124	
Ethylbenzene	25.0	23.6	95	77 - 123	
Methyl tert-butyl ether	25.0	24.0	96	64 - 127	
Tetrachloroethene	25.0	22.8	91	74 - 122	
Toluene	25.0	24.3	97	80 - 122	
trans-1,2-Dichloroethene	25.0	19.2	77	73 - 127	
Trichloroethene	25.0	22.5	90	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	66 - 137
Toluene-d8 (Surr)	101	71 - 126
4-Bromofluorobenzene (Surr)	100	73 - 120
Dibromofluoromethane (Surr)	96	60 - 140

Client: New York State D.E.C. Job Number: 480-70476-1

Method Blank - Batch: 480-213019

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 480-213019/7	Analysis Batch:	480-213019	Instrument ID:	HP5973G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G36234.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2014 0046	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2014 0046				
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-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	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-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
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
Dibromochloromethane	ND		0.32	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
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
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: 480-213019

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 480-213019/7	Analysis Batch:	480-213019	Instrument ID:	HP5973G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G36234.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2014 0046	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2014 0046				
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)	85	66 - 137
Toluene-d8 (Surr)	100	71 - 126
4-Bromofluorobenzene (Surr)	100	73 - 120
Dibromofluoromethane (Surr)	93	60 - 140

Lab Control Sample - Batch: 480-213019

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 480-213019/5	Analysis Batch:	480-213019	Instrument ID:	HP5973G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G36232.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2014 0000	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2014 0000				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	23.3	93	71 - 129	
1,1-Dichloroethene	25.0	19.2	77	58 - 121	
1,2-Dichlorobenzene	25.0	25.1	100	80 - 124	
1,2-Dichloroethane	25.0	19.5	78	75 - 127	
Benzene	25.0	26.4	105	71 - 124	
Chlorobenzene	25.0	25.6	102	72 - 120	
cis-1,2-Dichloroethene	25.0	26.4	105	74 - 124	
Ethylbenzene	25.0	25.3	101	77 - 123	
Methyl tert-butyl ether	25.0	23.2	93	64 - 127	
Tetrachloroethene	25.0	25.4	102	74 - 122	
Toluene	25.0	26.1	104	80 - 122	
trans-1,2-Dichloroethene	25.0	20.8	83	73 - 127	
Trichloroethene	25.0	24.6	98	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	66 - 137
Toluene-d8 (Surr)	100	71 - 126
4-Bromofluorobenzene (Surr)	102	73 - 120
Dibromofluoromethane (Surr)	95	60 - 140

DATA REPORTING QUALIFIERS

Client: New York State D.E.C. Job Number: 480-70476-1

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

Client: New York State D.E.C. Job Number: 480-70476-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:480-212900					
LCS 480-212900/5	Lab Control Sample	T	Water	8260C	
MB 480-212900/7	Method Blank	T	Water	8260C	
480-70476-1	MW-1402	T	Water	8260C	
480-70476-2	MW-1401	T	Water	8260C	
480-70476-3	MW-1403	T	Water	8260C	
480-70476-4	MW-1405	T	Water	8260C	
480-70476-5	MW-1406	T	Water	8260C	
480-70476-6	MW-1407	T	Water	8260C	
480-70476-7	MW-6	T	Water	8260C	
480-70476-8	MW-1404	T	Water	8260C	
480-70476-9	MW-1408	T	Water	8260C	
Analysis Batch:480-213019					
LCS 480-213019/5	Lab Control Sample	T	Water	8260C	
MB 480-213019/7	Method Blank	T	Water	8260C	
480-70476-10	DUP	T	Water	8260C	

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 480-70476-1

Laboratory Chronicle

Lab ID: 480-70476-1 **Client ID:** MW-1402

Sample Date/Time: 10/29/2014 12:50 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-1		480-212900		11/08/2014 12:31	1	TAL BUF	GTG
A:8260C	480-70476-A-1		480-212900		11/08/2014 12:31	1	TAL BUF	GTG

Lab ID: 480-70476-2 **Client ID:** MW-1401

Sample Date/Time: 10/29/2014 12:20 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-2		480-212900		11/08/2014 12:54	1	TAL BUF	GTG
A:8260C	480-70476-A-2		480-212900		11/08/2014 12:54	1	TAL BUF	GTG

Lab ID: 480-70476-3 **Client ID:** MW-1403

Sample Date/Time: 10/29/2014 12:05 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-3		480-212900		11/08/2014 13:16	1	TAL BUF	GTG
A:8260C	480-70476-A-3		480-212900		11/08/2014 13:16	1	TAL BUF	GTG

Lab ID: 480-70476-4 **Client ID:** MW-1405

Sample Date/Time: 10/29/2014 09:50 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-4		480-212900		11/08/2014 13:39	1	TAL BUF	GTG
A:8260C	480-70476-A-4		480-212900		11/08/2014 13:39	1	TAL BUF	GTG

Lab ID: 480-70476-5 **Client ID:** MW-1406

Sample Date/Time: 10/29/2014 11:20 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-5		480-212900		11/08/2014 14:01	1	TAL BUF	GTG
A:8260C	480-70476-A-5		480-212900		11/08/2014 14:01	1	TAL BUF	GTG

Lab ID: 480-70476-6 **Client ID:** MW-1407

Sample Date/Time: 10/29/2014 11:30 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-6		480-212900		11/08/2014 14:23	1	TAL BUF	GTG
A:8260C	480-70476-A-6		480-212900		11/08/2014 14:23	1	TAL BUF	GTG

Client: New York State D.E.C. Job Number: 480-70476-1

Laboratory Chronicle

Lab ID: 480-70476-7 **Client ID:** MW-6

Sample Date/Time: 10/29/2014 11:50 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-7		480-212900		11/08/2014 14:45	1	TAL BUF	GTG
A:8260C	480-70476-A-7		480-212900		11/08/2014 14:45	1	TAL BUF	GTG

Lab ID: 480-70476-8 **Client ID:** MW-1404

Sample Date/Time: 10/29/2014 13:25 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-8		480-212900		11/08/2014 15:07	1	TAL BUF	GTG
A:8260C	480-70476-A-8		480-212900		11/08/2014 15:07	1	TAL BUF	GTG

Lab ID: 480-70476-9 **Client ID:** MW-1408

Sample Date/Time: 10/29/2014 13:00 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-9		480-212900		11/08/2014 15:30	1	TAL BUF	GTG
A:8260C	480-70476-A-9		480-212900		11/08/2014 15:30	1	TAL BUF	GTG

Lab ID: 480-70476-10 **Client ID:** DUP

Sample Date/Time: 10/29/2014 00:00 Received Date/Time: 10/31/2014 01:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	480-70476-A-10		480-213019		11/10/2014 03:34	1	TAL BUF	EDB
A:8260C	480-70476-A-10		480-213019		11/10/2014 03:34	1	TAL BUF	EDB

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 480-212900/7		480-212900		11/08/2014 11:53	1	TAL BUF	GTG
A:8260C	MB 480-212900/7		480-212900		11/08/2014 11:53	1	TAL BUF	GTG
P:5030C	MB 480-213019/7		480-213019		11/10/2014 00:46	1	TAL BUF	EDB
A:8260C	MB 480-213019/7		480-213019		11/10/2014 00:46	1	TAL BUF	EDB

Client: New York State D.E.C. Job Number: 480-70476-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCS 480-212900/5		480-212900		11/08/2014 11:08	1	TAL BUF	GTG
A:8260C	LCS 480-212900/5		480-212900		11/08/2014 11:08	1	TAL BUF	GTG
P:5030C	LCS 480-213019/5		480-213019		11/10/2014 00:00	1	TAL BUF	EDB
A:8260C	LCS 480-213019/5		480-213019		11/10/2014 00:00	1	TAL BUF	EDB

Lab References:
TAL BUF = TestAmerica Buffalo

Method 8260C

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-1402	480-70476-1	93	87	98	99
MW-1401	480-70476-2	93	87	98	98
MW-1403	480-70476-3	95	88	99	99
MW-1405	480-70476-4	94	87	99	101
MW-1406	480-70476-5	92	88	99	99
MW-1407	480-70476-6	94	89	99	100
MW-6	480-70476-7	96	89	100	99
MW-1404	480-70476-8	94	87	98	99
MW-1408	480-70476-9	95	88	100	100
DUP	480-70476-10	95	88	98	100
	MB 480-212900/7	93	89	100	99
	MB 480-213019/7	93	85	100	100
	LCS 480-212900/5	96	88	101	100
	LCS 480-213019/5	95	84	100	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	60-140
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 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G36193.D

Lab ID: LCS 480-212900/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	22.0	88	71-129	
1,1-Dichloroethene	25.0	15.7	63	58-121	
1,2-Dichlorobenzene	25.0	24.4	98	80-124	
1,2-Dichloroethane	25.0	20.3	81	75-127	
Benzene	25.0	24.8	99	71-124	
Chlorobenzene	25.0	24.5	98	72-120	
cis-1,2-Dichloroethene	25.0	25.4	101	74-124	
Ethylbenzene	25.0	23.6	95	77-123	
Methyl tert-butyl ether	25.0	24.0	96	64-127	
Tetrachloroethene	25.0	22.8	91	74-122	
Toluene	25.0	24.3	97	80-122	
trans-1,2-Dichloroethene	25.0	19.2	77	73-127	
Trichloroethene	25.0	22.5	90	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G36232.D

Lab ID: LCS 480-213019/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	23.3	93	71-129	
1,1-Dichloroethene	25.0	19.2	77	58-121	
1,2-Dichlorobenzene	25.0	25.1	100	80-124	
1,2-Dichloroethane	25.0	19.5	78	75-127	
Benzene	25.0	26.4	105	71-124	
Chlorobenzene	25.0	25.6	102	72-120	
cis-1,2-Dichloroethene	25.0	26.4	105	74-124	
Ethylbenzene	25.0	25.3	101	77-123	
Methyl tert-butyl ether	25.0	23.2	93	64-127	
Tetrachloroethene	25.0	25.4	102	74-122	
Toluene	25.0	26.1	104	80-122	
trans-1,2-Dichloroethene	25.0	20.8	83	73-127	
Trichloroethene	25.0	24.6	98	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab File ID: G36195.D Lab Sample ID: MB 480-212900/7

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

Instrument ID: HP5973G Date Analyzed: 11/08/2014 11:53

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 480-212900/5	G36193.D	11/08/2014 11:08
MW-1402	480-70476-1	G36196.D	11/08/2014 12:31
MW-1401	480-70476-2	G36197.D	11/08/2014 12:54
MW-1403	480-70476-3	G36198.D	11/08/2014 13:16
MW-1405	480-70476-4	G36199.D	11/08/2014 13:39
MW-1406	480-70476-5	G36200.D	11/08/2014 14:01
MW-1407	480-70476-6	G36201.D	11/08/2014 14:23
MW-6	480-70476-7	G36202.D	11/08/2014 14:45
MW-1404	480-70476-8	G36203.D	11/08/2014 15:07
MW-1408	480-70476-9	G36204.D	11/08/2014 15:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab File ID: G36234.D Lab Sample ID: MB 480-213019/7

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

Instrument ID: HP5973G Date Analyzed: 11/10/2014 00:46

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 480-213019/5	G36232.D	11/10/2014 00:00
DUP	480-70476-10	G36240.D	11/10/2014 03:34

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab File ID: G34230.D BFB Injection Date: 09/24/2014

Instrument ID: HP5973G BFB Injection Time: 03:40

Analysis Batch No.: 204000

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	52.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.5	(0.7)1
174	50.0 - 120.00 % of mass 95	70.4	
175	5.0 - 9.0 % of mass 174	4.8	(6.8)1
176	95.0 - 101.0 % of mass 174	70.5	(100.2)1
177	5.0 - 9.0 % of mass 176	4.6	(6.5)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 480-204000/5	G34232.D	09/24/2014	04:27
	IC 480-204000/6	G34233.D	09/24/2014	04:49
	IC 480-204000/7	G34234.D	09/24/2014	05:11
	IC 480-204000/8	G34235.D	09/24/2014	05:34
	ICIS 480-204000/9	G34236.D	09/24/2014	05:56
	IC 480-204000/10	G34237.D	09/24/2014	06:19
	IC 480-204000/11	G34238.D	09/24/2014	06:42

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab File ID: G36190.D BFB Injection Date: 11/08/2014

Instrument ID: HP5973G BFB Injection Time: 09:44

Analysis Batch No.: 212900

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.1	
75	30.0 - 60.0 % of mass 95	47.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.5	(0.7)1
174	50.0 - 120.00 % of mass 95	73.7	
175	5.0 - 9.0 % of mass 174	5.2	(7.1)1
176	95.0 - 101.0 % of mass 174	70.5	(95.6)1
177	5.0 - 9.0 % of mass 176	4.4	(6.3)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 480-212900/3	G36191.D	11/08/2014	10:10
	LCS 480-212900/5	G36193.D	11/08/2014	11:08
	MB 480-212900/7	G36195.D	11/08/2014	11:53
MW-1402	480-70476-1	G36196.D	11/08/2014	12:31
MW-1401	480-70476-2	G36197.D	11/08/2014	12:54
MW-1403	480-70476-3	G36198.D	11/08/2014	13:16
MW-1405	480-70476-4	G36199.D	11/08/2014	13:39
MW-1406	480-70476-5	G36200.D	11/08/2014	14:01
MW-1407	480-70476-6	G36201.D	11/08/2014	14:23
MW-6	480-70476-7	G36202.D	11/08/2014	14:45
MW-1404	480-70476-8	G36203.D	11/08/2014	15:07
MW-1408	480-70476-9	G36204.D	11/08/2014	15:30

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab File ID: G36229.D BFB Injection Date: 11/09/2014

Instrument ID: HP5973G BFB Injection Time: 22:45

Analysis Batch No.: 213019

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.1	
75	30.0 - 60.0 % of mass 95	46.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	71.7	
175	5.0 - 9.0 % of mass 174	5.0	(7.0)1
176	95.0 - 101.0 % of mass 174	68.7	(95.8)1
177	5.0 - 9.0 % of mass 176	4.6	(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
	CCVIS 480-213019/3	G36230.D	11/09/2014	23:16
	LCS 480-213019/5	G36232.D	11/10/2014	00:00
	MB 480-213019/7	G36234.D	11/10/2014	00:46
DUP	480-70476-10	G36240.D	11/10/2014	03:34

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Sample No.: ICIS 480-204000/9 Date Analyzed: 09/24/2014 05:56

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

Lab File ID (Standard): G34236.D Heated Purge: (Y/N) N

Calibration ID: 20355

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		162441	5.58	337963	8.58	287390	10.96
UPPER LIMIT		324882	6.08	675926	9.08	574780	11.46
LOWER LIMIT		81221	5.08	168982	8.08	143695	10.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-212900/3		137472	5.58	290281	8.57	246485	10.95
CCVIS 480-213019/3		137798	5.58	292957	8.57	253454	10.95

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Sample No.: CCVIS 480-212900/3 Date Analyzed: 11/08/2014 10:10

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

Lab File ID (Standard): G36191.D Heated Purge: (Y/N) N

Calibration ID: 20368

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		137472	5.58	290281	8.57	246485	10.95
UPPER LIMIT		274944	6.08	580562	9.07	492970	11.45
LOWER LIMIT		68736	5.08	145141	8.07	123243	10.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-212900/5		136264	5.58	289988	8.58	249444	10.95
MB 480-212900/7		132374	5.58	279651	8.58	239449	10.95
480-70476-1	MW-1402	133584	5.58	280309	8.58	238430	10.95
480-70476-2	MW-1401	131236	5.58	275865	8.58	233883	10.95
480-70476-3	MW-1403	131420	5.58	280011	8.58	239920	10.95
480-70476-4	MW-1405	129350	5.58	274684	8.58	235966	10.95
480-70476-5	MW-1406	130336	5.58	276298	8.58	236514	10.95
480-70476-6	MW-1407	128829	5.58	272373	8.58	235907	10.95
480-70476-7	MW-6	127792	5.58	270785	8.58	234789	10.95
480-70476-8	MW-1404	127673	5.58	269693	8.58	236772	10.95
480-70476-9	MW-1408	127524	5.58	269220	8.58	233561	10.95

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Sample No.: CCVIS 480-213019/3 Date Analyzed: 11/09/2014 23:16

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

Lab File ID (Standard): G36230.D Heated Purge: (Y/N) N

Calibration ID: 20368

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		137798	5.58	292957	8.57	253454	10.95
UPPER LIMIT		275596	6.08	585914	9.07	506908	11.45
LOWER LIMIT		68899	5.08	146479	8.07	126727	10.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-213019/5		133963	5.58	284930	8.58	248712	10.95
MB 480-213019/7		129480	5.58	272729	8.58	236400	10.95
480-70476-10	DUP	121805	5.58	262303	8.58	227750	10.95

FB = Fluorobenzene (IS)
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 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-70476-1

SDG No.:

Client Sample ID: MW-1402 | Lab Sample ID: 480-70476-1

Matrix: Water | Lab File ID: G36196.D

Analysis Method: 8260C | Date Collected: 10/29/2014 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 12:31

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.: 212900 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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	1.5		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
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.: 480-70476-1

SDG No.:

Client Sample ID: MW-1402 | Lab Sample ID: 480-70476-1

Matrix: Water | Lab File ID: G36196.D

Analysis Method: 8260C | Date Collected: 10/29/2014 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 12:31

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	0.99	J	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)	87		66-137
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36196.D
Lims ID: 480-70476-A-1 Lab Sample ID: 480-70476-1
Client ID: MW-1402
Sample Type: Client
Inject. Date: 08-Nov-2014 12:31:30 ALS Bottle#: 38 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-1
Misc. Info.: 480-0037210-008480-0037210-008
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 20:37:02 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 20:37:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.578	0.006	99	133584	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	87	280309	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.949	0.000	96	238430	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	133255	23.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.291	0.006	0	95725	21.7	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	640480	24.4	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	87	176430	24.8	
10 Dichlorodifluoromethane	85		1.420				ND	
12 Chloromethane	50		1.579				ND	
13 Vinyl chloride	62	1.688	1.688	0.000	95	6291	0.6709	
14 Bromomethane	94		2.042				ND	
15 Chloroethane	64		2.133				ND	
17 Trichlorofluoromethane	101		2.310				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43	2.938	2.926	0.012	69	1151	0.4317	
24 Carbon disulfide	76		3.036				ND	
28 Methyl acetate	43		3.225				ND	
29 Methylene Chloride	84		3.334				ND	
31 Methyl tert-butyl ether	73	3.572	3.554	0.018	92	3371	0.1474	
32 trans-1,2-Dichloroethene	96	3.572	3.566	0.006	56	760	0.1049	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96	4.529	4.523	0.006	78	10366	1.52	
44 2-Butanone (MEK)	43		4.554				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78	5.316	5.316	0.000	91	4014	0.1496	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95	5.925	5.925	0.000	85	1060	0.1597	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.151				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92		7.157				ND	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166	7.705	7.699	0.006	89	6441	0.99	
82 2-Hexanone	43		7.833				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.248				ND	
92 Styrene	104		9.272				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.321				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

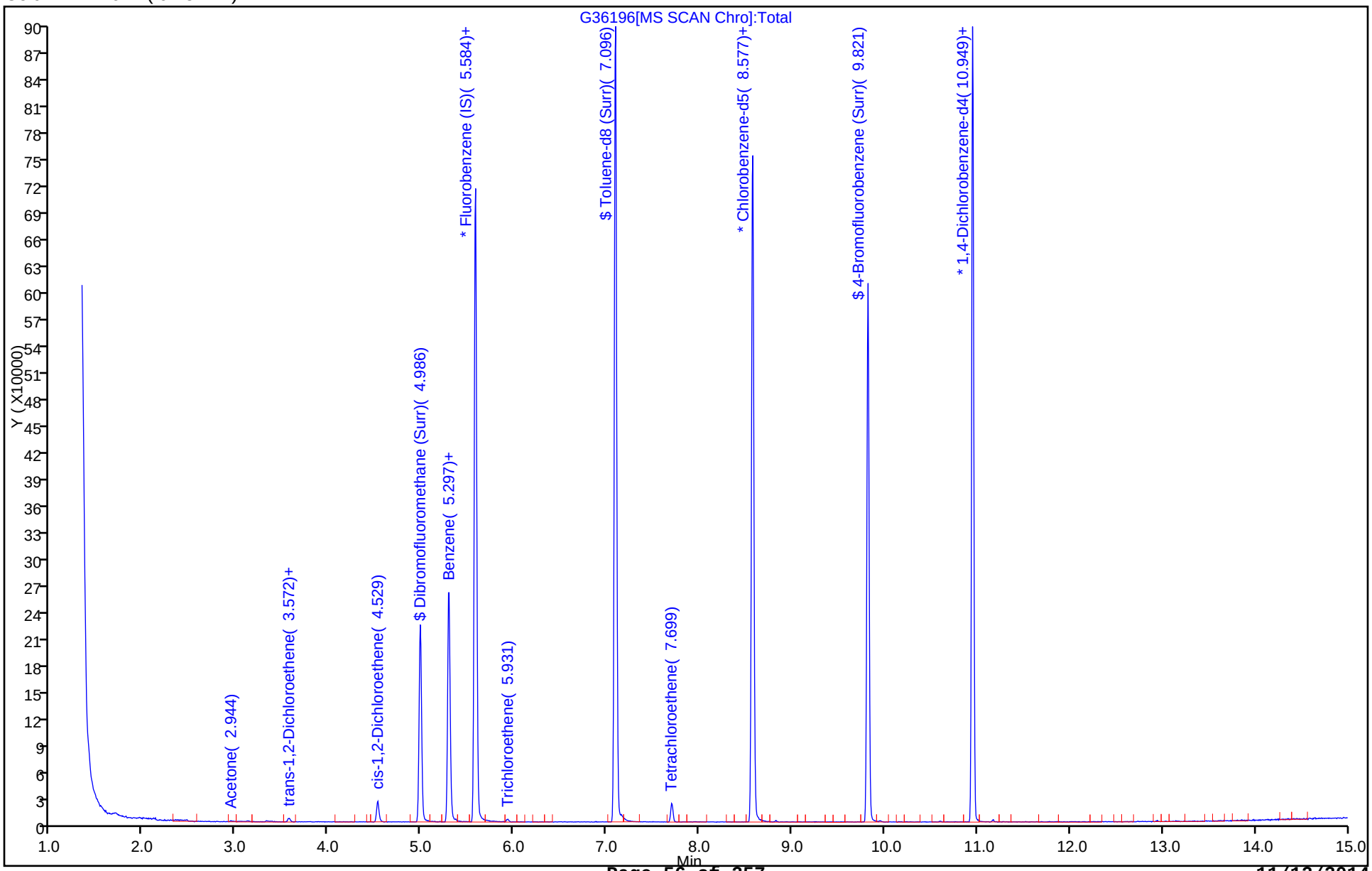
Report Date: 09-Nov-2014 20:37:02 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36196.D

Injection Date:	08-Nov-2014 12:31:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	480-70476-A-1	Lab Sample ID:	480-70476-1	Worklist Smp#:	8
Client ID:	MW-1402				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



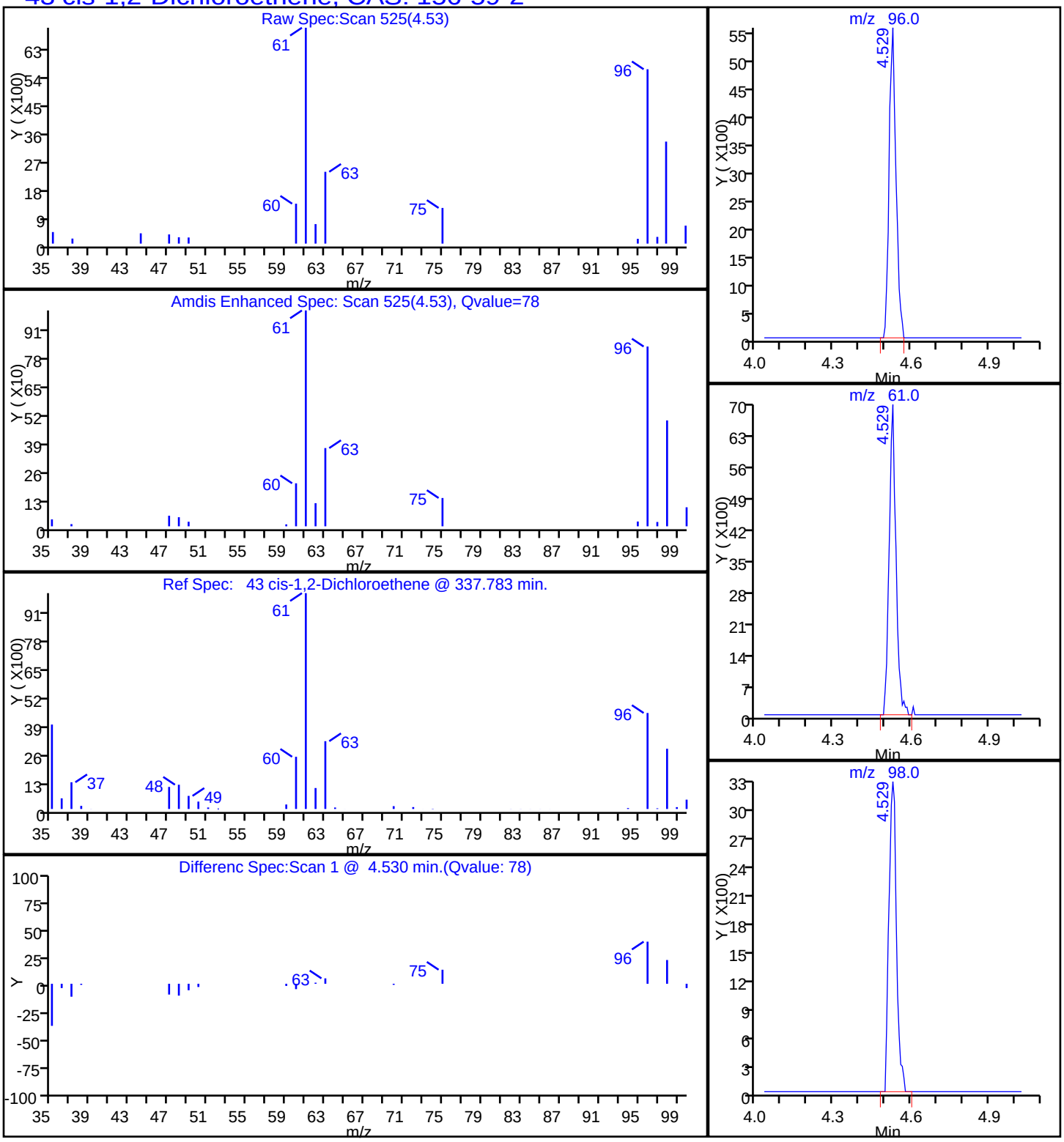
Report Date: 09-Nov-2014 20:37:02 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36196.D

Injection Date:	08-Nov-2014 12:31:30	Instrument ID:	HP5973G		
Lims ID:	480-70476-A-1	Lab Sample ID:	480-70476-1		
Client ID:	MW-1402				
Operator ID:	NQ	ALS Bottle#:	38	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	G-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

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

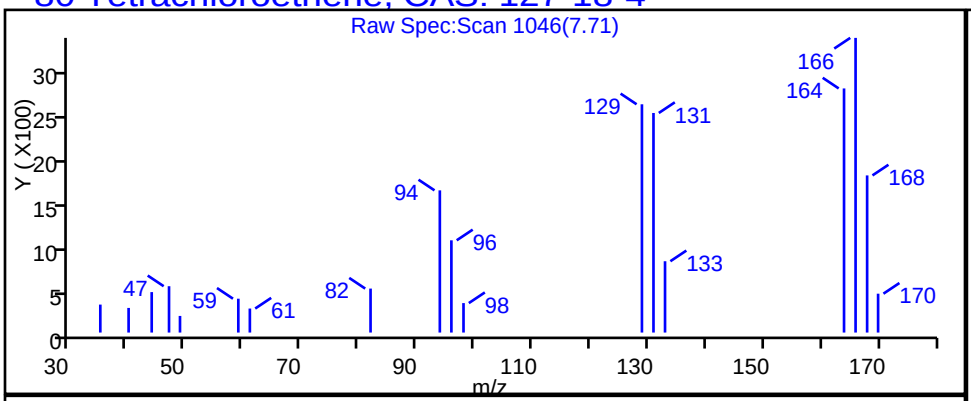


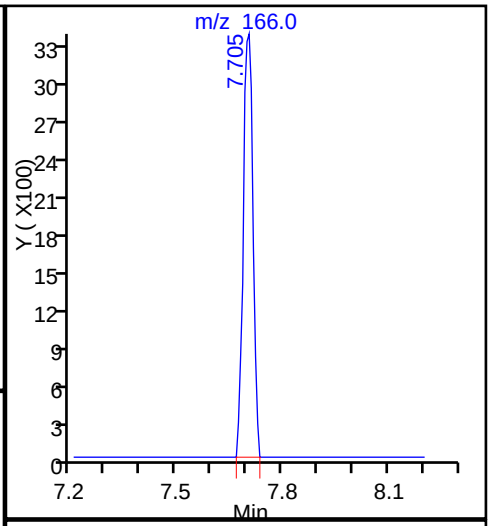
TestAmerica Buffalo

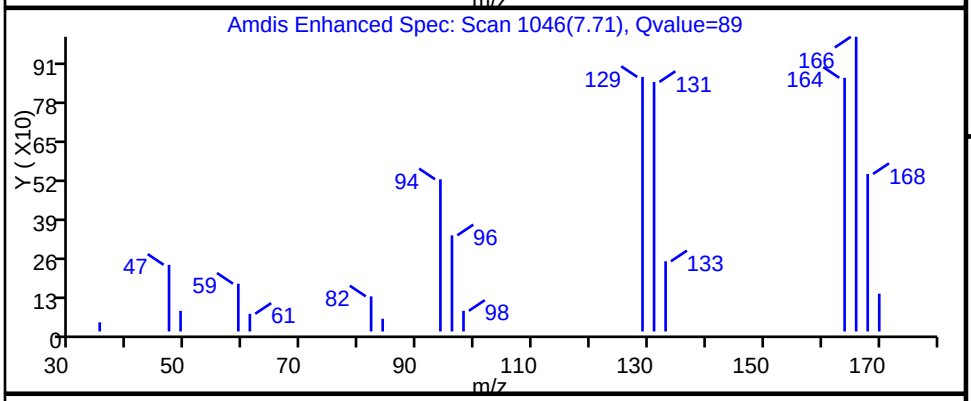
Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36196.D

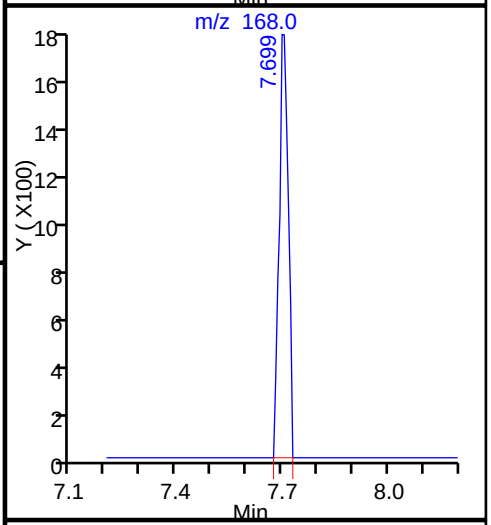
Injection Date:	08-Nov-2014 12:31:30	Instrument ID:	HP5973G		
Lims ID:	480-70476-A-1	Lab Sample ID:	480-70476-1		
Client ID:	MW-1402				
Operator ID:	NQ	ALS Bottle#:	38	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	G-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

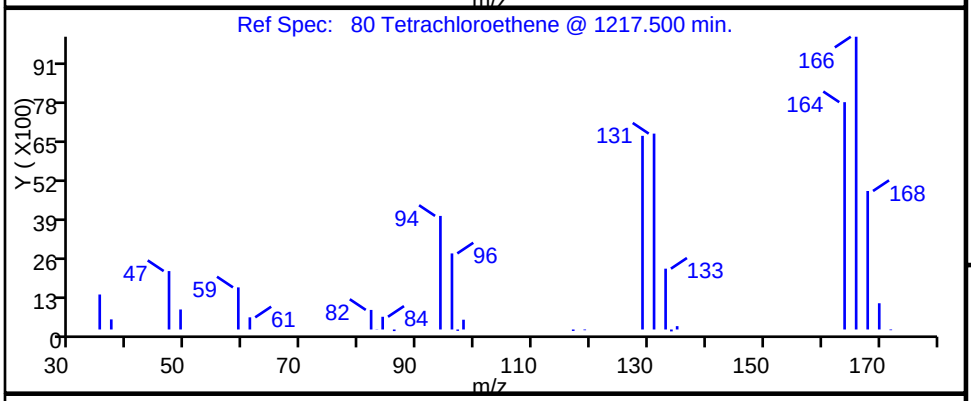
80 Tetrachloroethene, CAS: 127-18-4

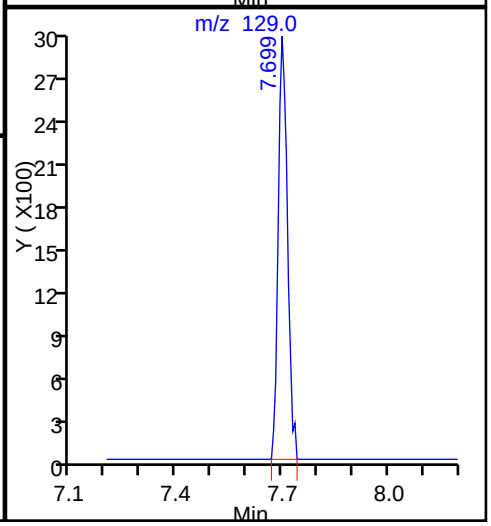


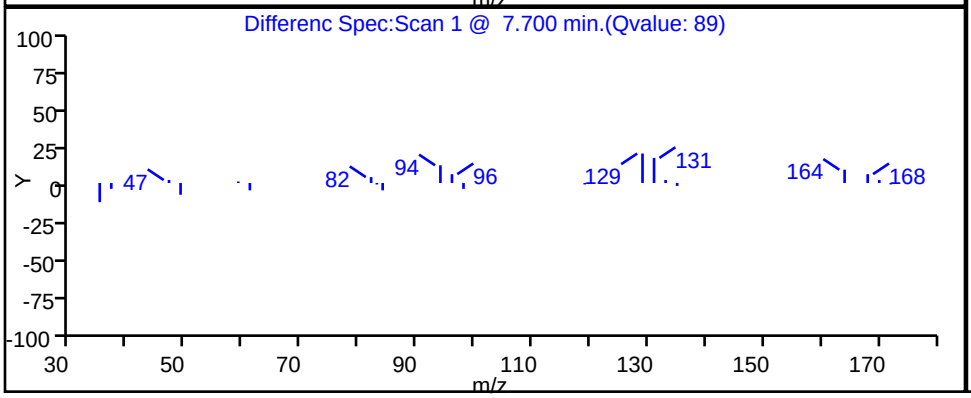












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-70476-1

SDG No.:

Client Sample ID: MW-1401 | Lab Sample ID: 480-70476-2

Matrix: Water | Lab File ID: G36197.D

Analysis Method: 8260C | Date Collected: 10/29/2014 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 12:54

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.: 212900 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: MW-1401 | Lab Sample ID: 480-70476-2

Matrix: Water | Lab File ID: G36197.D

Analysis Method: 8260C | Date Collected: 10/29/2014 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 12:54

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	87		66-137
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36197.D
Lims ID: 480-70476-A-2 Lab Sample ID: 480-70476-2
Client ID: MW-1401
Sample Type: Client
Inject. Date: 08-Nov-2014 12:54:30 ALS Bottle#: 39 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-2
Misc. Info.: 480-0037210-009480-0037210-009
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 20:37:48 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 20:37:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	131236	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	275865	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.948	0.001	96	233883	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	130844	23.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	94338	21.8	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	629489	24.4	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	87	171083	24.4	
10 Dichlorodifluoromethane	85		1.420				ND	
12 Chloromethane	50		1.579				ND	
13 Vinyl chloride	62		1.688				ND	
14 Bromomethane	94		2.042				ND	
15 Chloroethane	64		2.133				ND	
17 Trichlorofluoromethane	101		2.310				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43	2.950	2.926	0.024	70	1727	0.6593	
24 Carbon disulfide	76		3.036				ND	
28 Methyl acetate	43		3.225				ND	
29 Methylene Chloride	84		3.334				ND	
31 Methyl tert-butyl ether	73		3.554				ND	
32 trans-1,2-Dichloroethene	96		3.566				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96		4.523				ND	
44 2-Butanone (MEK)	43		4.554				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78	5.316	5.316	0.000	92	5636	0.2138	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95		5.925				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.151				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92		7.157				ND	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166	7.711	7.699	0.012	72	618	0.0966	
82 2-Hexanone	43		7.833				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.248				ND	
92 Styrene	104		9.272				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.321				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

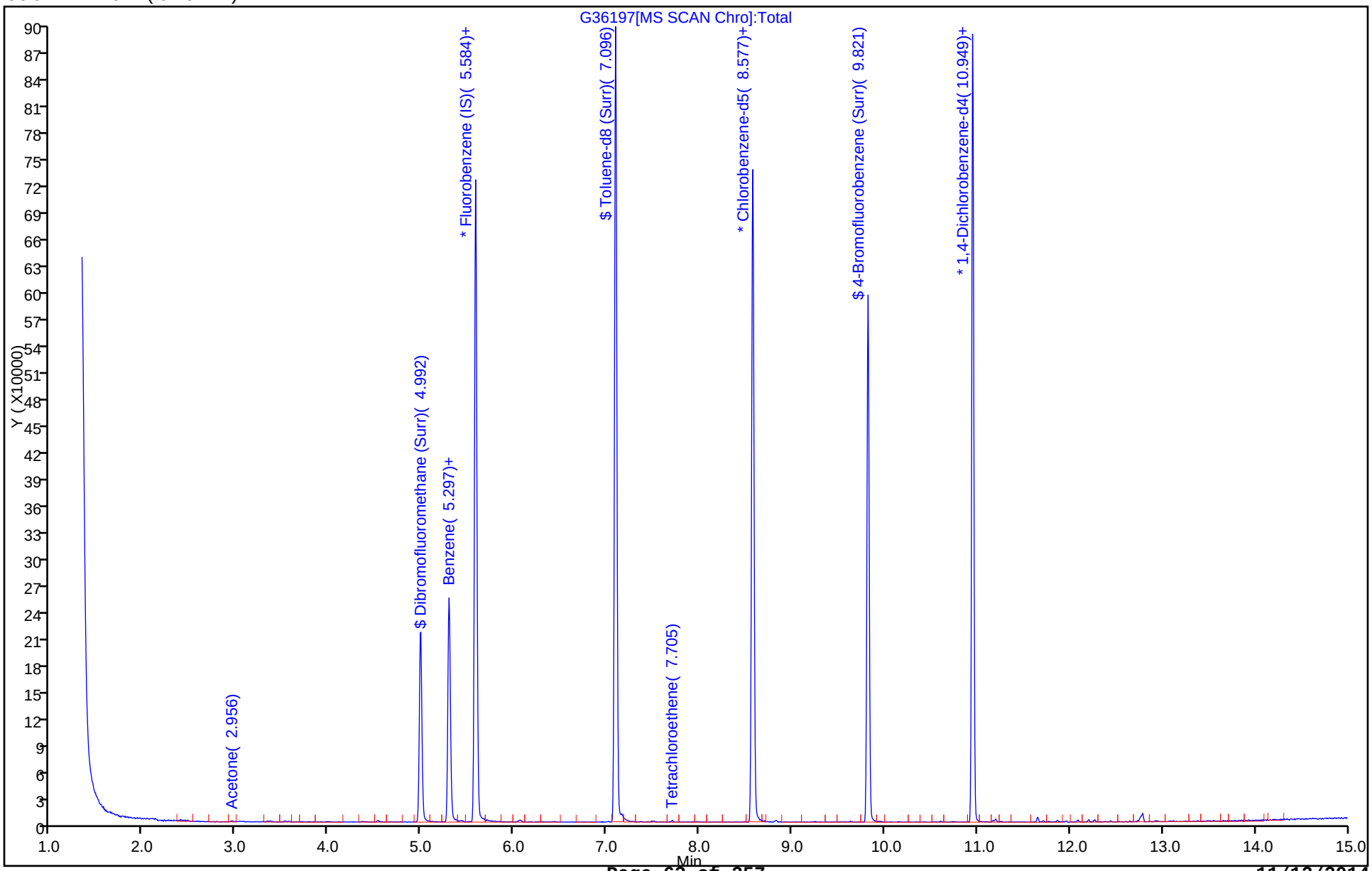
Report Date: 09-Nov-2014 20:37:49 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36197.D

Injection Date:	08-Nov-2014 12:54:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	480-70476-A-2	Lab Sample ID:	480-70476-2	Worklist Smp#:	9
Client ID:	MW-1401				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: MW-1403 Lab Sample ID: 480-70476-3

Matrix: Water Lab File ID: G36198.D

Analysis Method: 8260C Date Collected: 10/29/2014 12:05

Sample wt/vol: 5(mL) Date Analyzed: 11/08/2014 13:16

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.: 212900 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: MW-1403 | Lab Sample ID: 480-70476-3

Matrix: Water | Lab File ID: G36198.D

Analysis Method: 8260C | Date Collected: 10/29/2014 12:05

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 13:16

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	87		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	4.0		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)	88		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	95		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36198.D
Lims ID: 480-70476-A-3 Lab Sample ID: 480-70476-3
Client ID: MW-1403
Sample Type: Client
Inject. Date: 08-Nov-2014 13:16:30 ALS Bottle#: 40 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-3
Misc. Info.: 480-0037210-010480-0037210-010
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 20:38:03 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 20:38:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	131420	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	87	280011	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.948	10.948	0.000	95	239920	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	93	133035	23.7	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	95003	21.9	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	649928	24.8	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	87	176046	24.8	
10 Dichlorodifluoromethane	85		1.420				ND	
12 Chloromethane	50		1.579				ND	
13 Vinyl chloride	62		1.688				ND	
14 Bromomethane	94		2.042				ND	
15 Chloroethane	64		2.133				ND	
17 Trichlorofluoromethane	101		2.310				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43		2.926				ND	
24 Carbon disulfide	76		3.036				ND	
28 Methyl acetate	43		3.225				ND	
29 Methylene Chloride	84		3.334				ND	
31 Methyl tert-butyl ether	73		3.554				ND	
32 trans-1,2-Dichloroethene	96		3.566				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96	4.535	4.523	0.012	80	3000	0.4481	
44 2-Butanone (MEK)	43		4.554				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78		5.316				ND	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95	5.931	5.925	0.006	99	26410	4.04	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.151				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92		7.157				ND	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166	7.705	7.699	0.006	97	565567	87.1	
82 2-Hexanone	43		7.833				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.248				ND	
92 Styrene	104		9.272				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.321				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

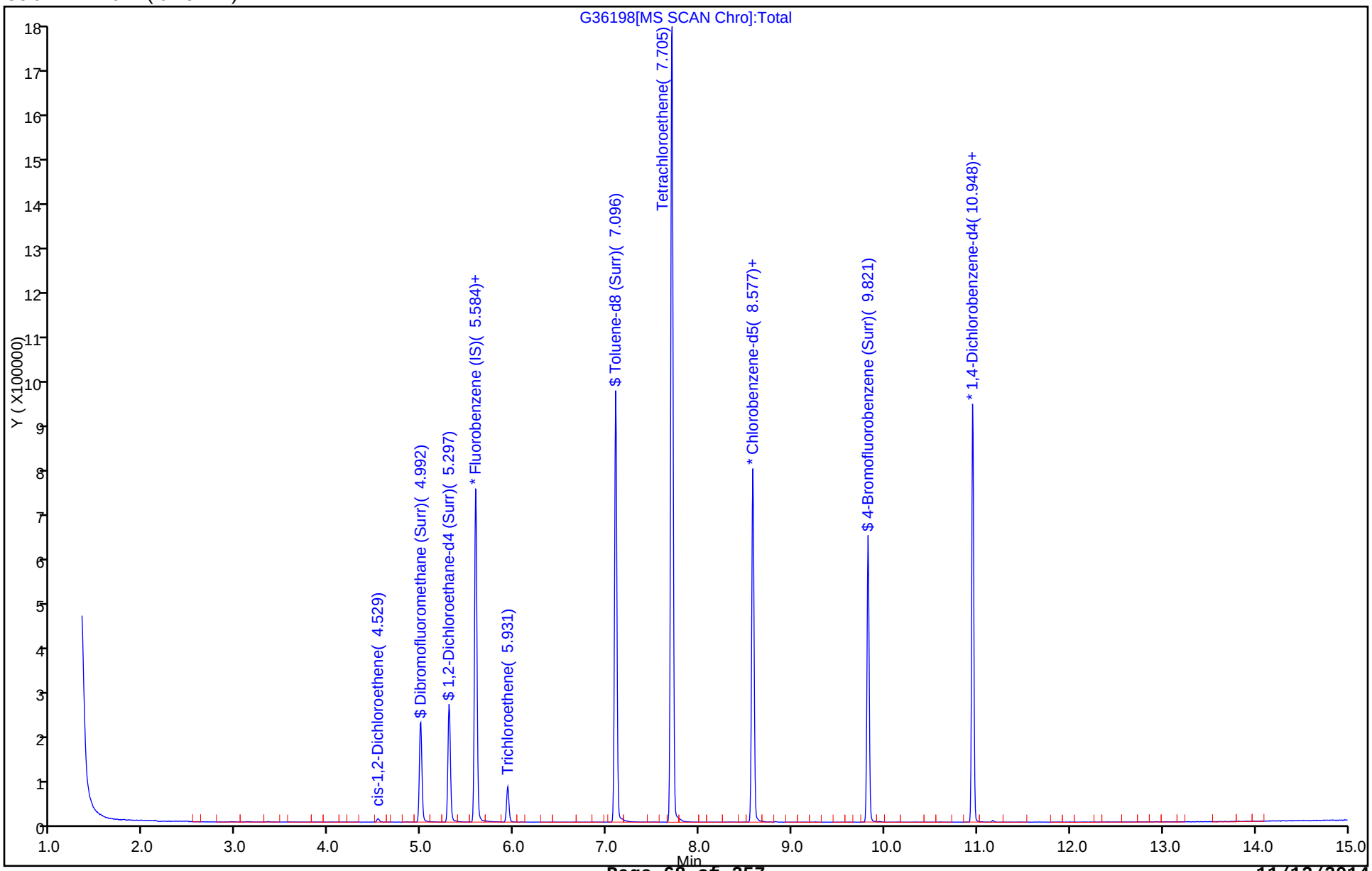
Report Date: 09-Nov-2014 20:38:03 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36198.D

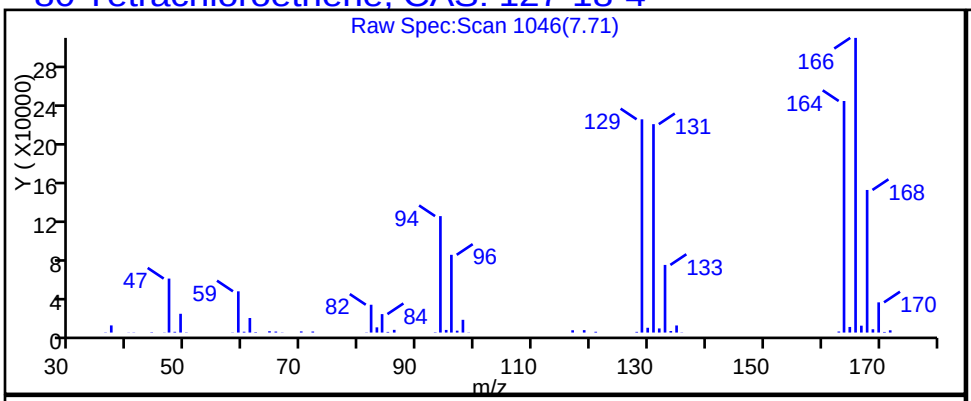
Injection Date:	08-Nov-2014 13:16:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	480-70476-A-3	Lab Sample ID:	480-70476-3	Worklist Smp#:	10
Client ID:	MW-1403				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	40
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

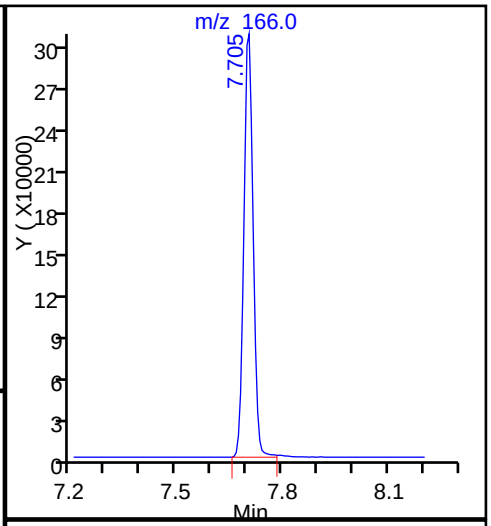
Column: ZB-624 (0.25 mm)

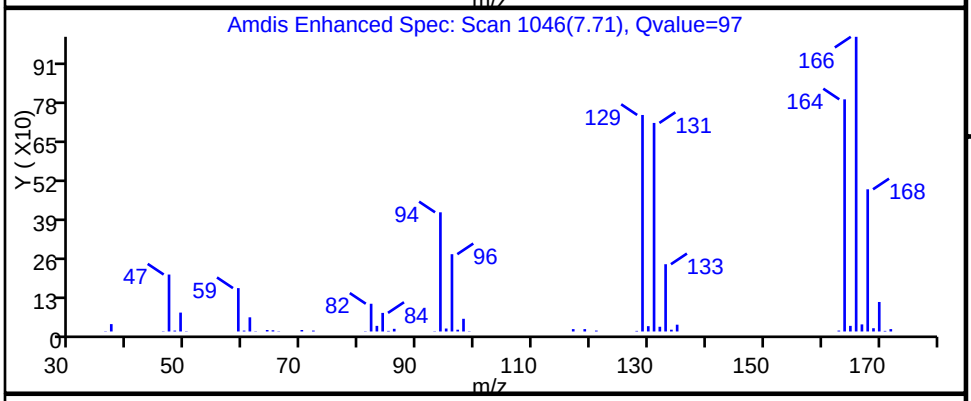


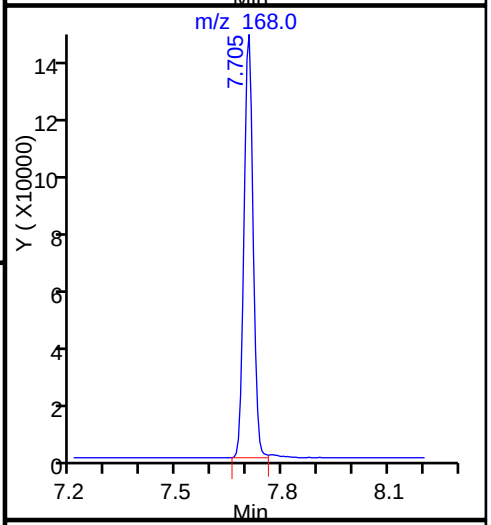
Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36198.D
Injection Date: 08-Nov-2014 13:16:30 Instrument ID: HP5973G
Lims ID: 480-70476-A-3 Lab Sample ID: 480-70476-3
Client ID: MW-1403
Operator ID: NQ ALS Bottle#: 40 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

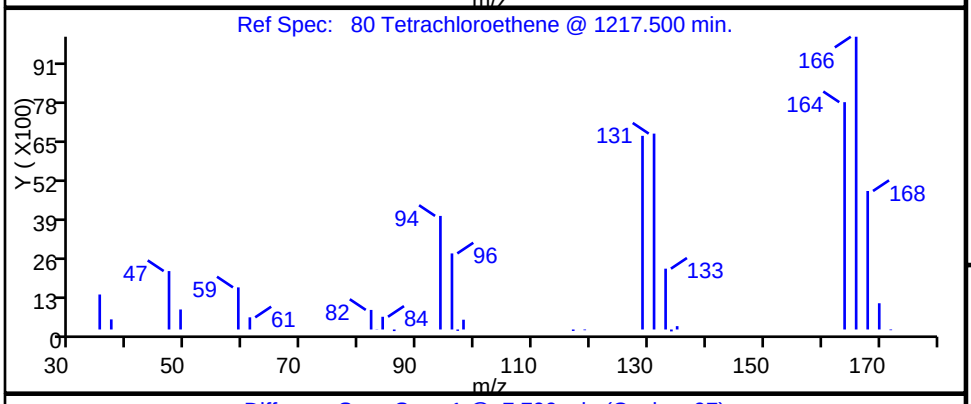
80 Tetrachloroethene, CAS: 127-18-4

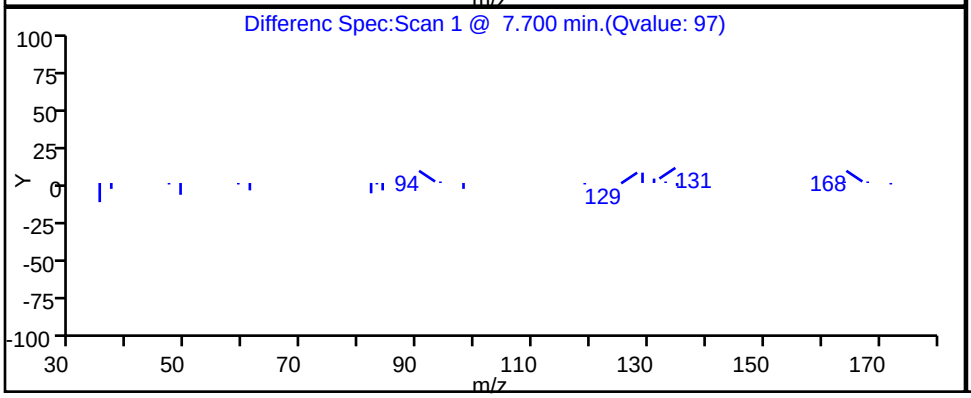


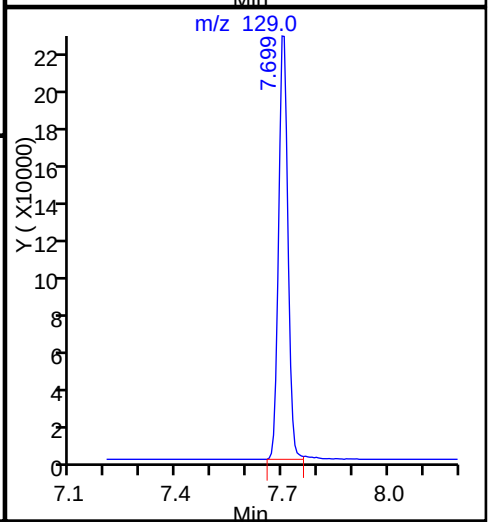












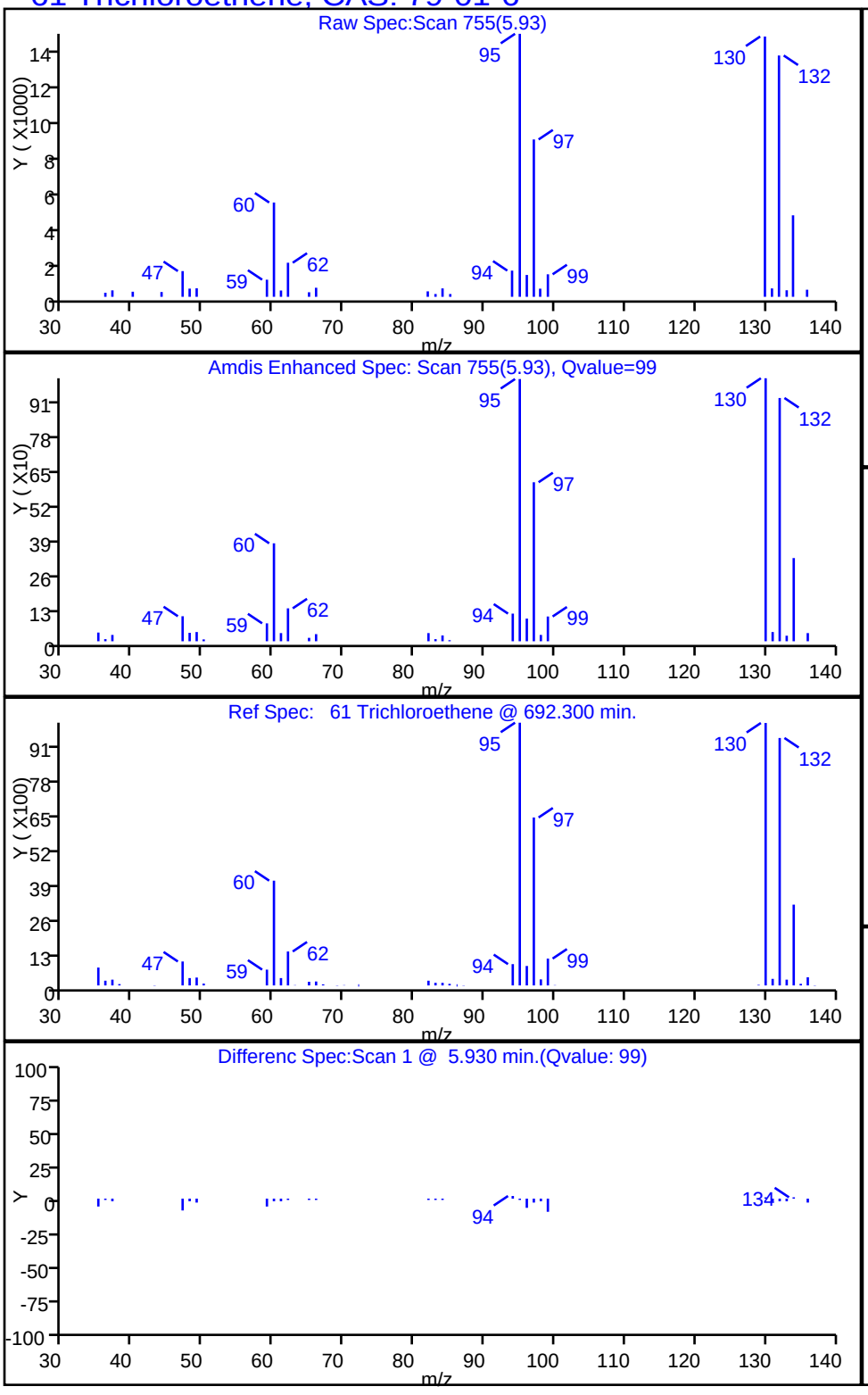
Report Date: 09-Nov-2014 20:38:03 Chrom Revision: 2.2 07-Oct-2014 12:16:06

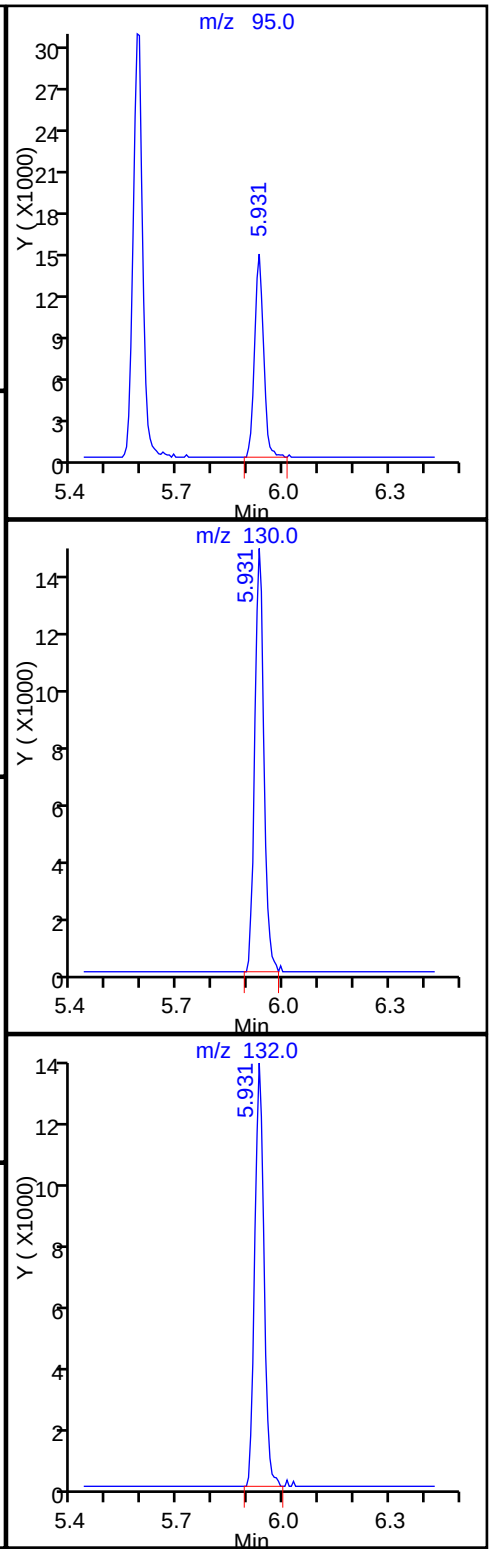
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36198.D

Injection Date:	08-Nov-2014 13:16:30	Instrument ID:	HP5973G
Lims ID:	480-70476-A-3	Lab Sample ID:	480-70476-3
Client ID:	MW-1403		
Operator ID:	NQ	ALS Bottle#:	40 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	G-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

61 Trichloroethene, CAS: 79-01-6





FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: MW-1405 Lab Sample ID: 480-70476-4

Matrix: Water Lab File ID: G36199.D

Analysis Method: 8260C Date Collected: 10/29/2014 09:50

Sample wt/vol: 5(mL) Date Analyzed: 11/08/2014 13:39

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.: 212900 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: MW-1405 | Lab Sample ID: 480-70476-4

Matrix: Water | Lab File ID: G36199.D

Analysis Method: 8260C | Date Collected: 10/29/2014 09:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 13:39

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	87		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	94		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36199.D
Lims ID: 480-70476-A-4 Lab Sample ID: 480-70476-4
Client ID: MW-1405
Sample Type: Client
Inject. Date: 08-Nov-2014 13:39:30 ALS Bottle#: 41 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-4
Misc. Info.: 480-0037210-011480-0037210-011
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 20:38:22 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 20:38:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	129350	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	274684	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.948	0.001	95	235966	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.992	4.986	0.006	94	129921	23.5	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	92611	21.7	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	634327	24.7	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	87	175473	25.2	
10 Dichlorodifluoromethane	85		1.420				ND	
12 Chloromethane	50		1.579				ND	
13 Vinyl chloride	62		1.688				ND	
14 Bromomethane	94		2.042				ND	
15 Chloroethane	64		2.133				ND	
17 Trichlorofluoromethane	101		2.310				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43	2.938	2.938	0.012	69	1440	0.5578	M
24 Carbon disulfide	76		3.036				ND	
28 Methyl acetate	43		3.225				ND	
29 Methylene Chloride	84		3.334				ND	
31 Methyl tert-butyl ether	73		3.554				ND	
32 trans-1,2-Dichloroethene	96		3.566				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96		4.523				ND	
44 2-Butanone (MEK)	43		4.554				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78		5.316				ND	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95		5.925				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.151				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92	7.163	7.157	0.006	96	1641	0.0986	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166		7.699				ND	
82 2-Hexanone	43		7.833				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.248				ND	
92 Styrene	104		9.272				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.321				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

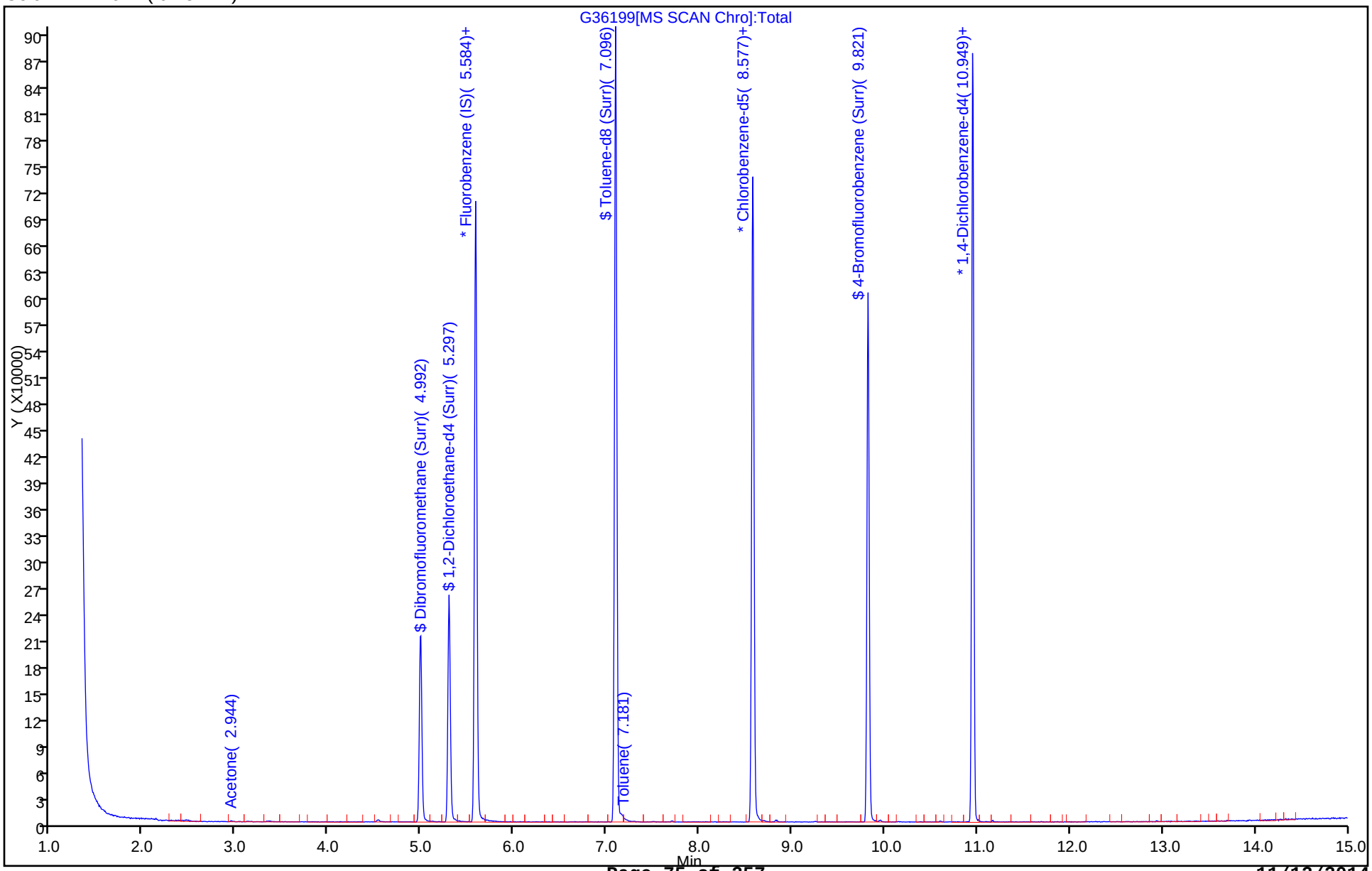
Report Date: 09-Nov-2014 20:38:22 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36199.D

Injection Date:	08-Nov-2014 13:39:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	480-70476-A-4	Lab Sample ID:	480-70476-4	Worklist Smp#:	11
Client ID:	MW-1405				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	41
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

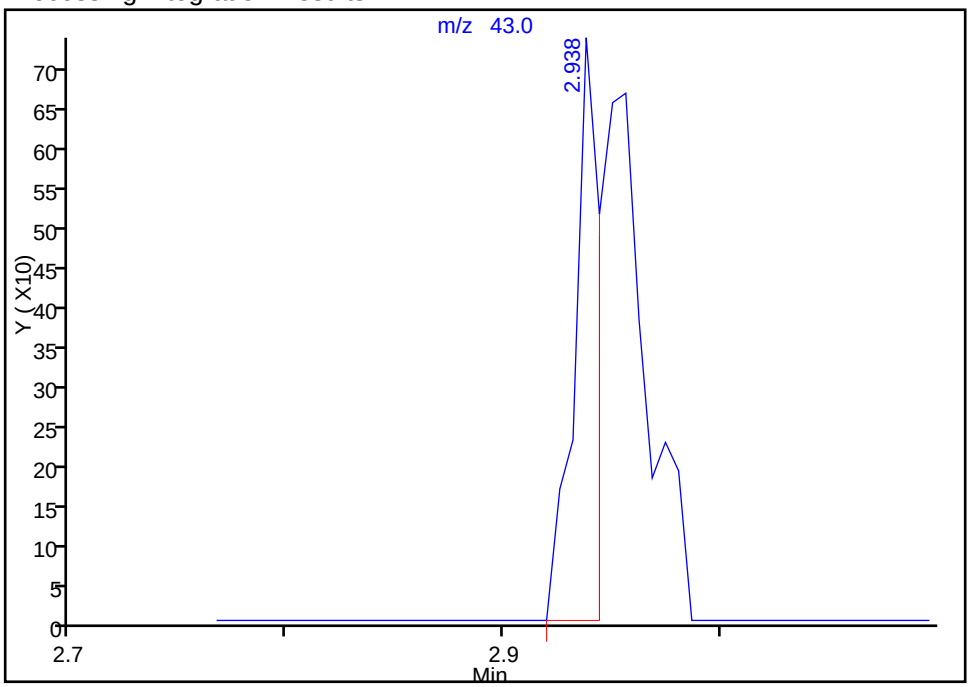
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36199.D
Injection Date: 08-Nov-2014 13:39:30 Instrument ID: HP5973G
Lims ID: 480-70476-A-4 Lab Sample ID: 480-70476-4
Client ID: MW-1405
Operator ID: NQ ALS Bottle#: 41 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

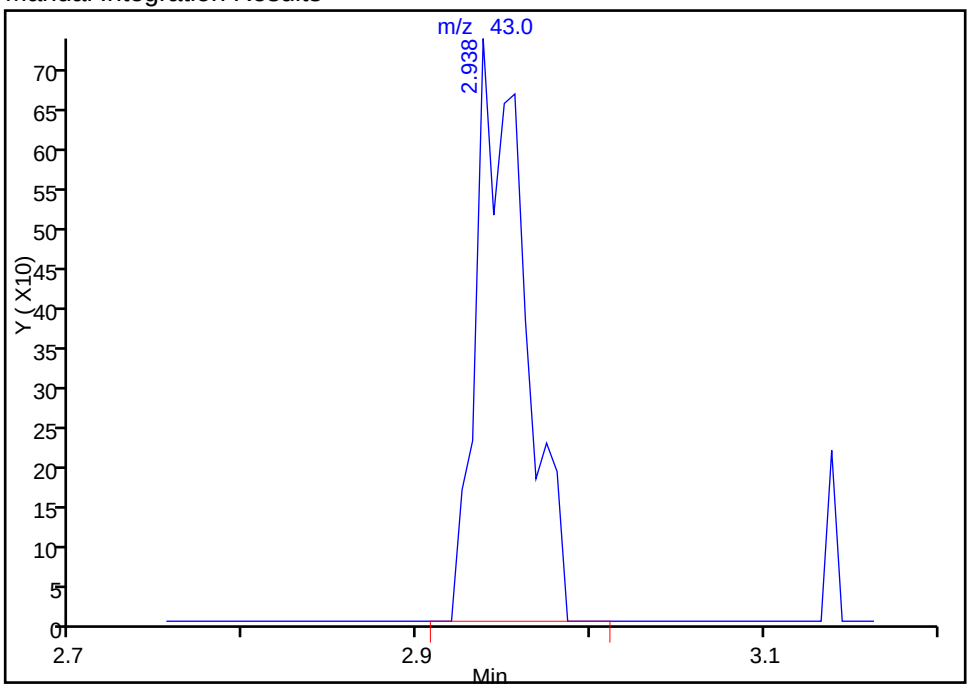
Processing Integration Results

RT: 2.94
Response: 601
Amount: 0.232797



Manual Integration Results

RT: 2.94
Response: 1440
Amount: 0.557784



Reviewer: goliszekg, 09-Nov-2014 20:38:22
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: MW-1406 Lab Sample ID: 480-70476-5

Matrix: Water Lab File ID: G36200.D

Analysis Method: 8260C Date Collected: 10/29/2014 11:20

Sample wt/vol: 5(mL) Date Analyzed: 11/08/2014 14:01

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.: 212900 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: MW-1406 | Lab Sample ID: 480-70476-5

Matrix: Water | Lab File ID: G36200.D

Analysis Method: 8260C | Date Collected: 10/29/2014 11:20

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 14:01

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	2.7		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)	88		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	92		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36200.D
Lims ID: 480-70476-A-5 Lab Sample ID: 480-70476-5
Client ID: MW-1406
Sample Type: Client
Inject. Date: 08-Nov-2014 14:01:30 ALS Bottle#: 42 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-5
Misc. Info.: 480-0037210-012480-0037210-012
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 20:38:30 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 20:38:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	130336	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	276298	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.948	0.001	96	236514	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	128314	23.0	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	95054	22.1	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	638473	24.7	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	86	173074	24.7	
10 Dichlorodifluoromethane	85		1.420				ND	
12 Chloromethane	50		1.579				ND	
13 Vinyl chloride	62		1.688				ND	
14 Bromomethane	94		2.042				ND	
15 Chloroethane	64		2.133				ND	
17 Trichlorofluoromethane	101		2.310				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43		2.926				ND	
24 Carbon disulfide	76		3.036				ND	
28 Methyl acetate	43		3.225				ND	
29 Methylene Chloride	84		3.334				ND	
31 Methyl tert-butyl ether	73		3.554				ND	
32 trans-1,2-Dichloroethene	96		3.566				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96		4.523				ND	
44 2-Butanone (MEK)	43		4.554				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78		5.316				ND	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95		5.925				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.151				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92		7.157				ND	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166	7.705	7.699	0.006	97	17496	2.73	
82 2-Hexanone	43		7.833				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.248				ND	
92 Styrene	104		9.272				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.321				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

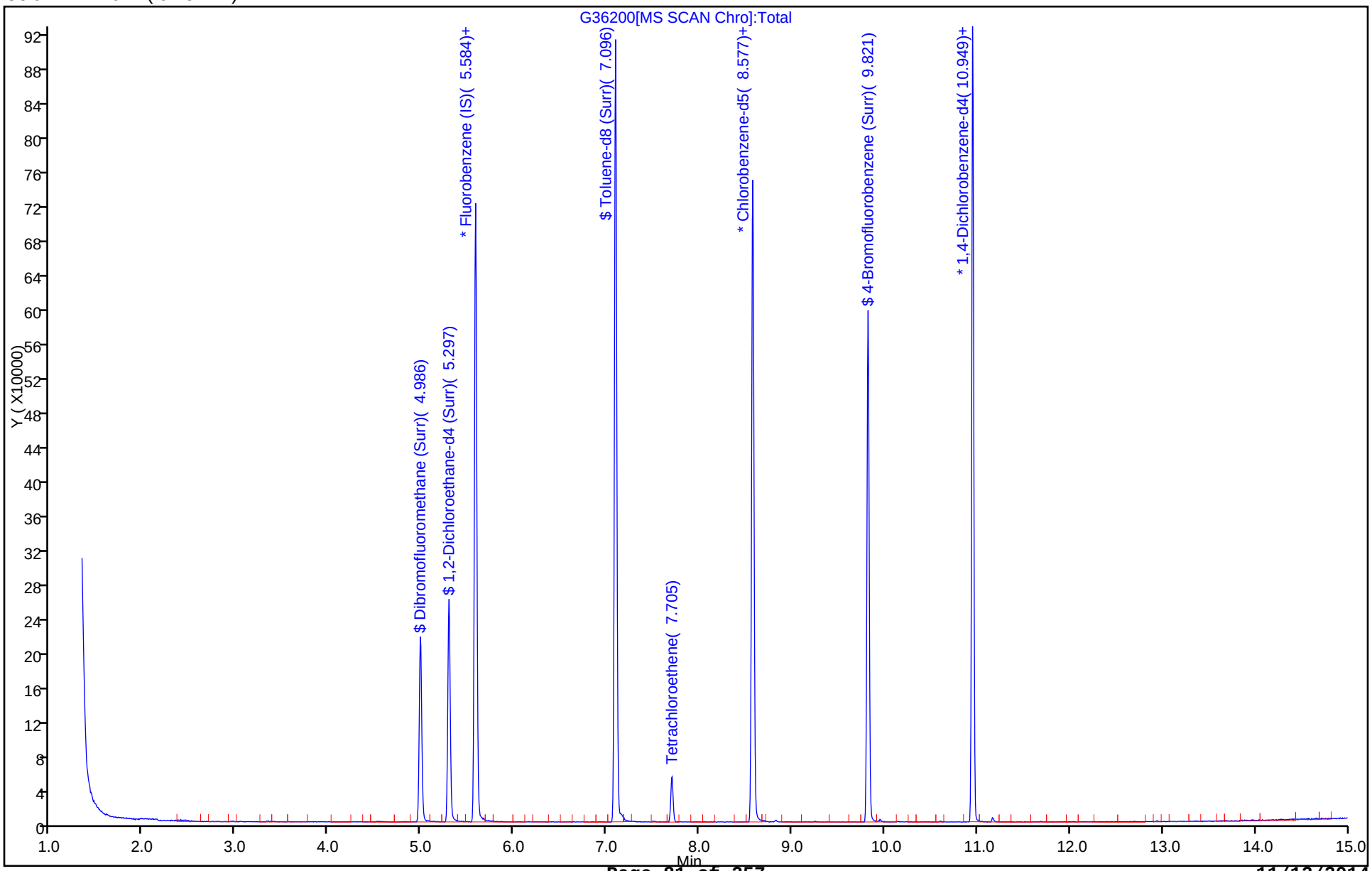
Report Date: 09-Nov-2014 20:38:31 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36200.D

Injection Date:	08-Nov-2014 14:01:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	480-70476-A-5	Lab Sample ID:	480-70476-5	Worklist Smp#:	12
Client ID:	MW-1406				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	42
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



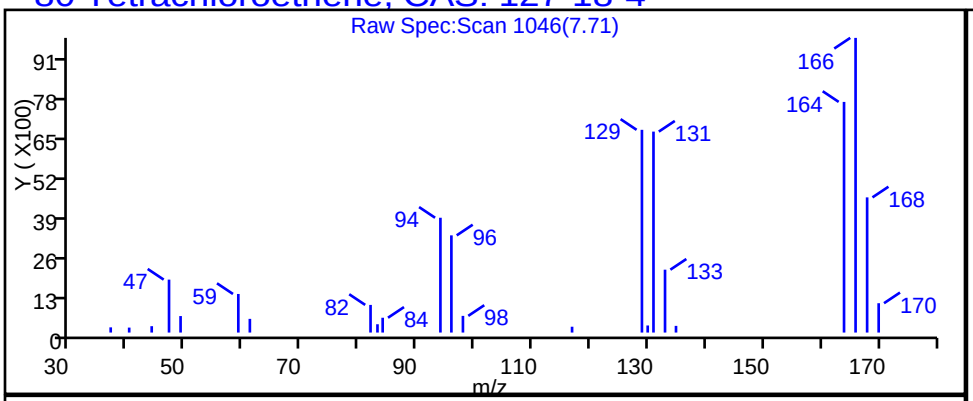
Report Date: 09-Nov-2014 20:38:32 Chrom Revision: 2.2 07-Oct-2014 12:16:06

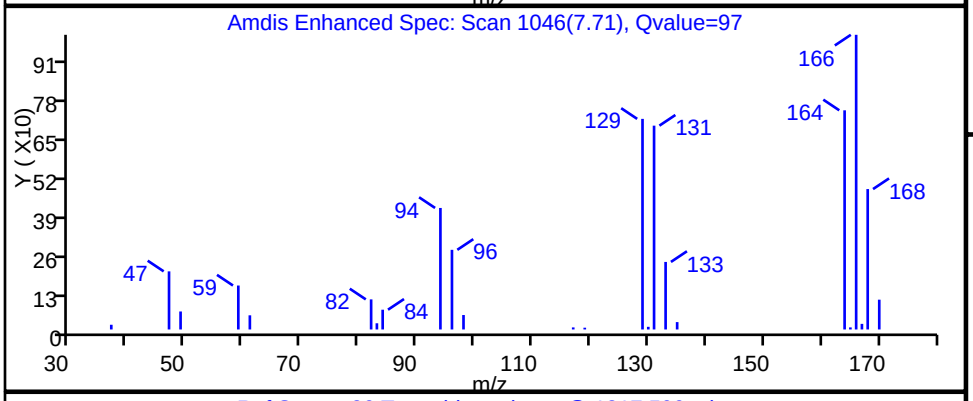
TestAmerica Buffalo

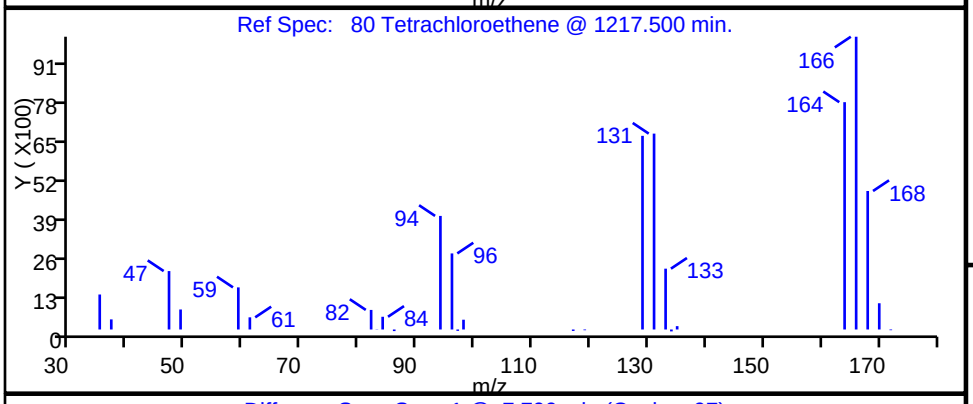
Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36200.D

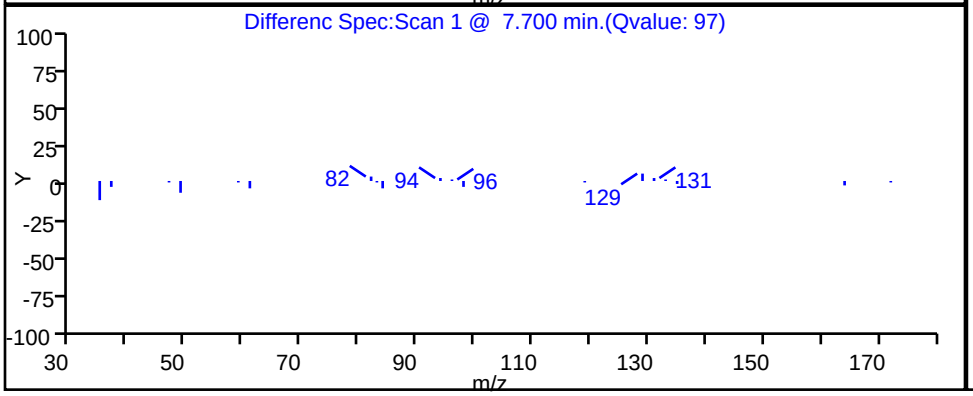
Injection Date:	08-Nov-2014 14:01:30	Instrument ID:	HP5973G
Lims ID:	480-70476-A-5	Lab Sample ID:	480-70476-5
Client ID:	MW-1406		
Operator ID:	NQ	ALS Bottle#:	42 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	G-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

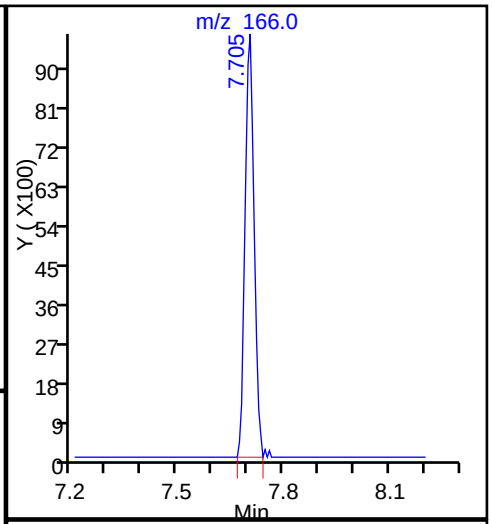
80 Tetrachloroethene, CAS: 127-18-4

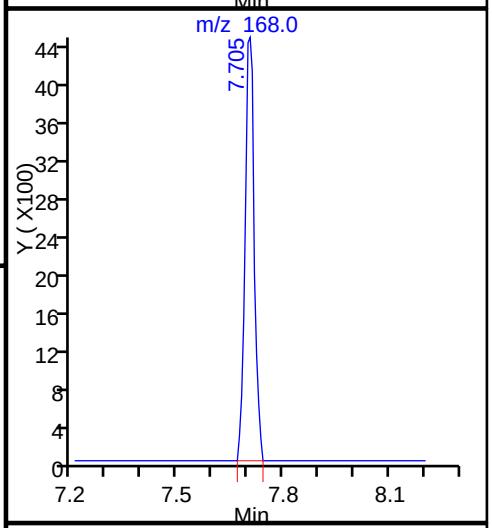


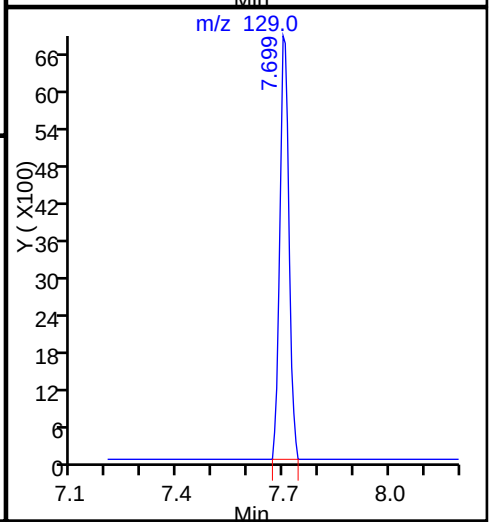












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: MW-1407 Lab Sample ID: 480-70476-6

Matrix: Water Lab File ID: G36201.D

Analysis Method: 8260C Date Collected: 10/29/2014 11:30

Sample wt/vol: 5(mL) Date Analyzed: 11/08/2014 14:23

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.: 212900 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: MW-1407 | Lab Sample ID: 480-70476-6

Matrix: Water | Lab File ID: G36201.D

Analysis Method: 8260C | Date Collected: 10/29/2014 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 14:23

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	48		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	0.89	J	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)	89		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	94		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36201.D
Lims ID: 480-70476-A-6 Lab Sample ID: 480-70476-6
Client ID: MW-1407
Sample Type: Client
Inject. Date: 08-Nov-2014 14:23:30 ALS Bottle#: 43 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-6
Misc. Info.: 480-0037210-013480-0037210-013
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 20:38:49 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 20:38:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	128829	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	272373	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.948	0.001	96	235907	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	129239	23.4	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	94396	22.2	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	629045	24.7	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	87	173647	25.1	
10 Dichlorodifluoromethane	85		1.420				ND	
12 Chloromethane	50		1.579				ND	
13 Vinyl chloride	62		1.688				ND	
14 Bromomethane	94		2.042				ND	
15 Chloroethane	64		2.133				ND	
17 Trichlorofluoromethane	101		2.310				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43	2.956	2.926	0.030	66	1010	0.3928	
24 Carbon disulfide	76		3.036				ND	
28 Methyl acetate	43		3.225				ND	
29 Methylene Chloride	84	3.346	3.334	0.012	21	1033	0.1170	
31 Methyl tert-butyl ether	73		3.554				ND	
32 trans-1,2-Dichloroethene	96		3.566				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96	4.523	4.523	0.000	81	2789	0.4250	
44 2-Butanone (MEK)	43		4.554				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78		5.316				ND	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95	5.925	5.925	0.000	97	5689	0.8886	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.151				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92		7.157				ND	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166	7.705	7.699	0.006	97	300374	47.5	
82 2-Hexanone	43		7.833				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.248				ND	
92 Styrene	104		9.272				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.321				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

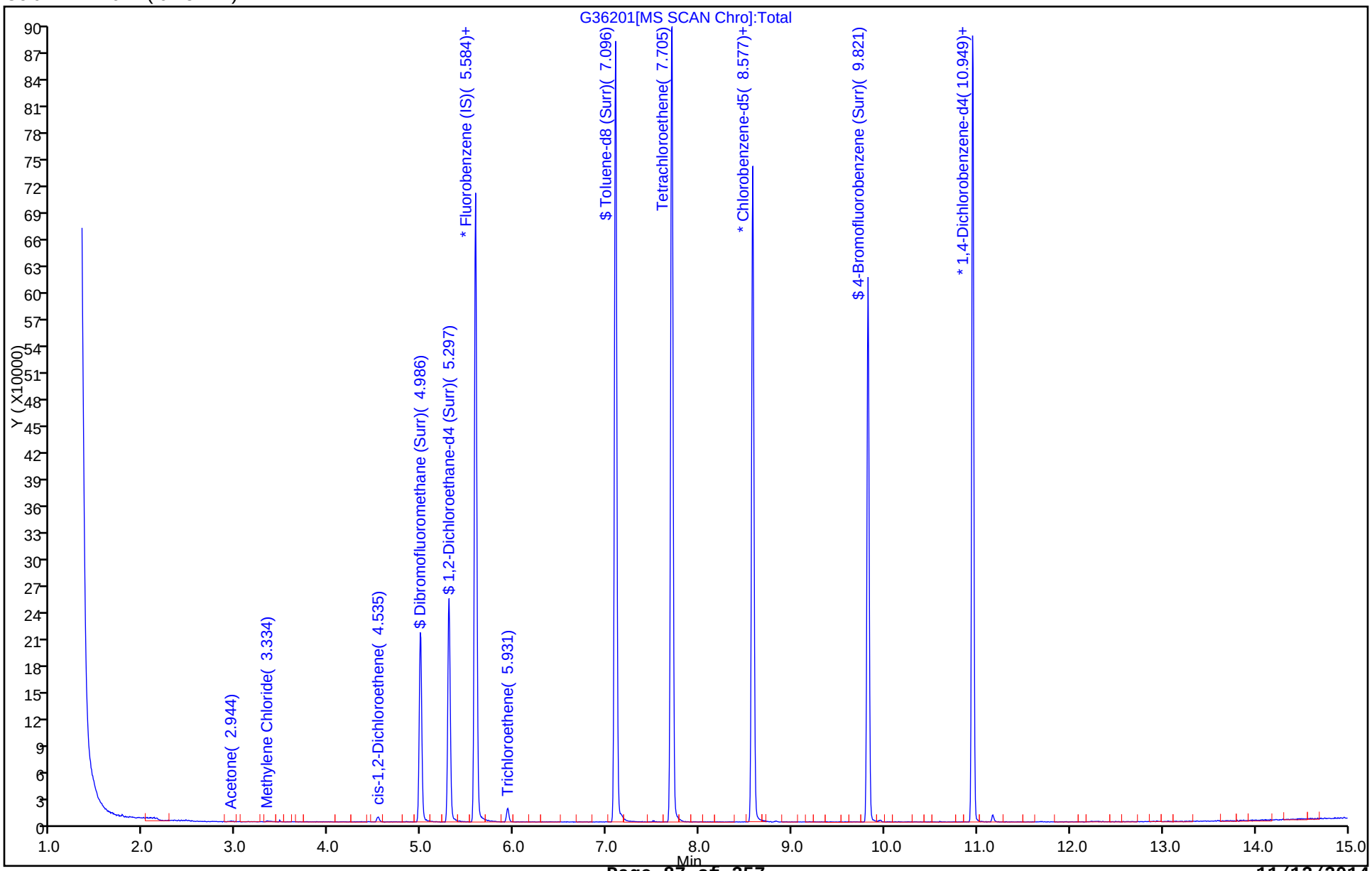
Report Date: 09-Nov-2014 20:38:50 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36201.D

Injection Date:	08-Nov-2014 14:23:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	480-70476-A-6	Lab Sample ID:	480-70476-6	Worklist Smp#:	13
Client ID:	MW-1407				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	43
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



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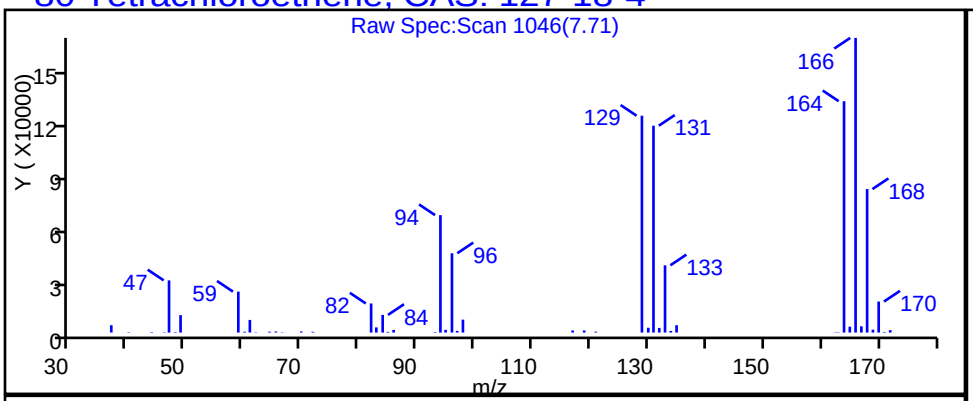
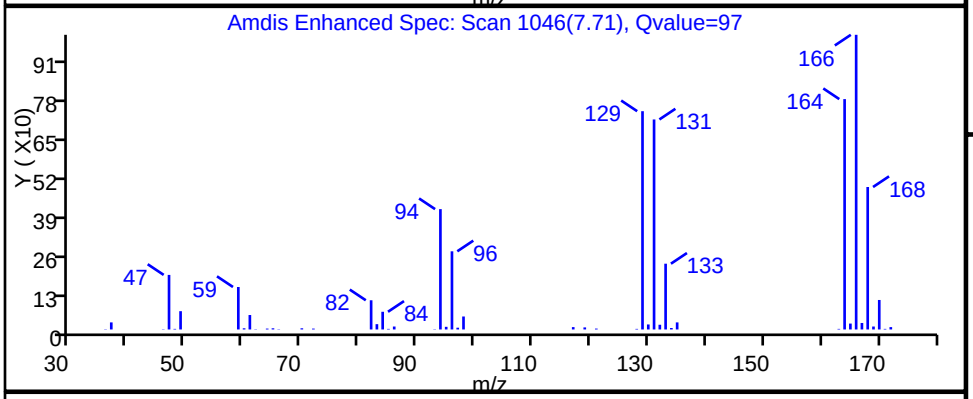
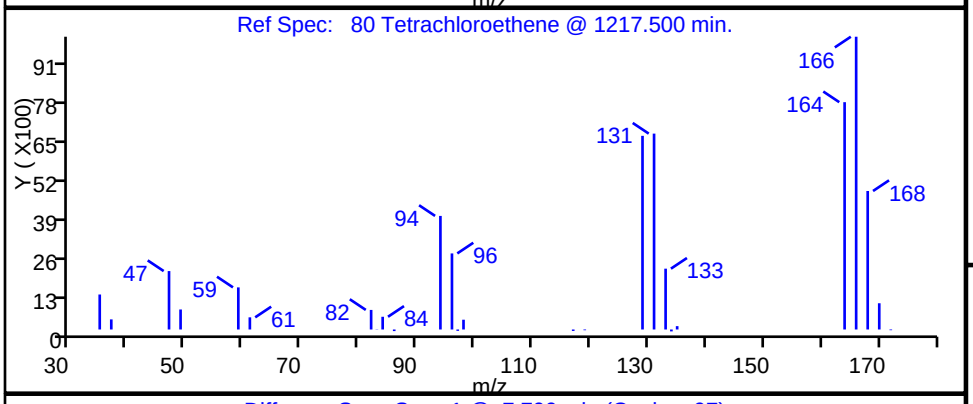
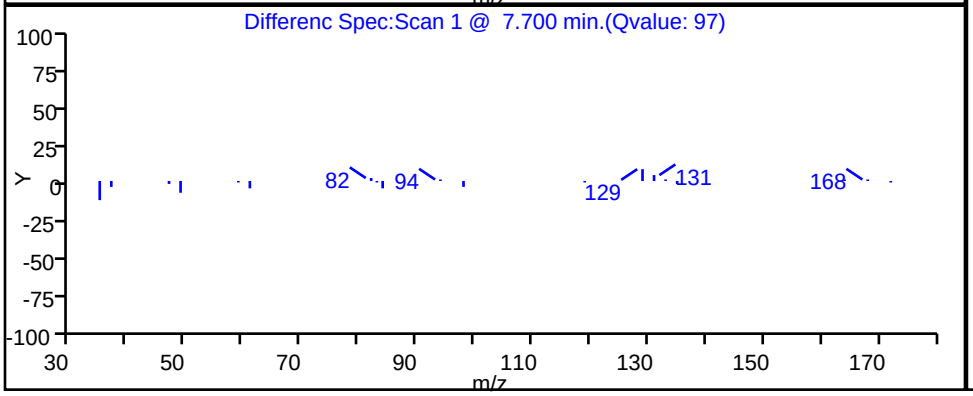
Injection Date: 08-Nov-2014 14:23:30 Instrument ID: HP5973G
Lims ID: 480-70476-A-6 Lab Sample ID: 480-70476-6
Client ID: MW-1407
Operator ID: NQ ALS Bottle#: 43 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

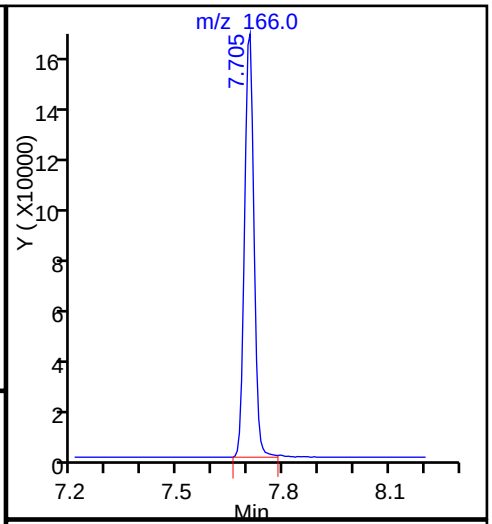
80 Tetrachloroethene, CAS: 127-18-4

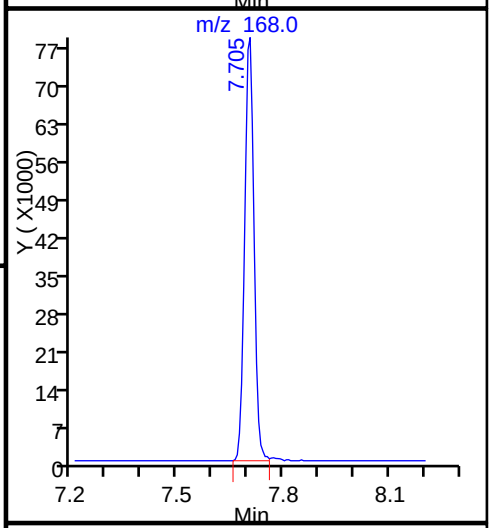


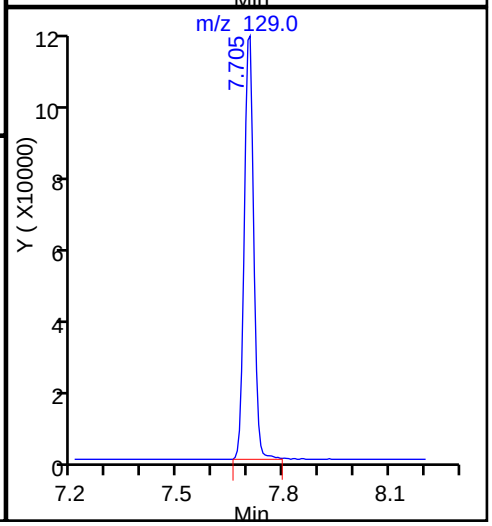












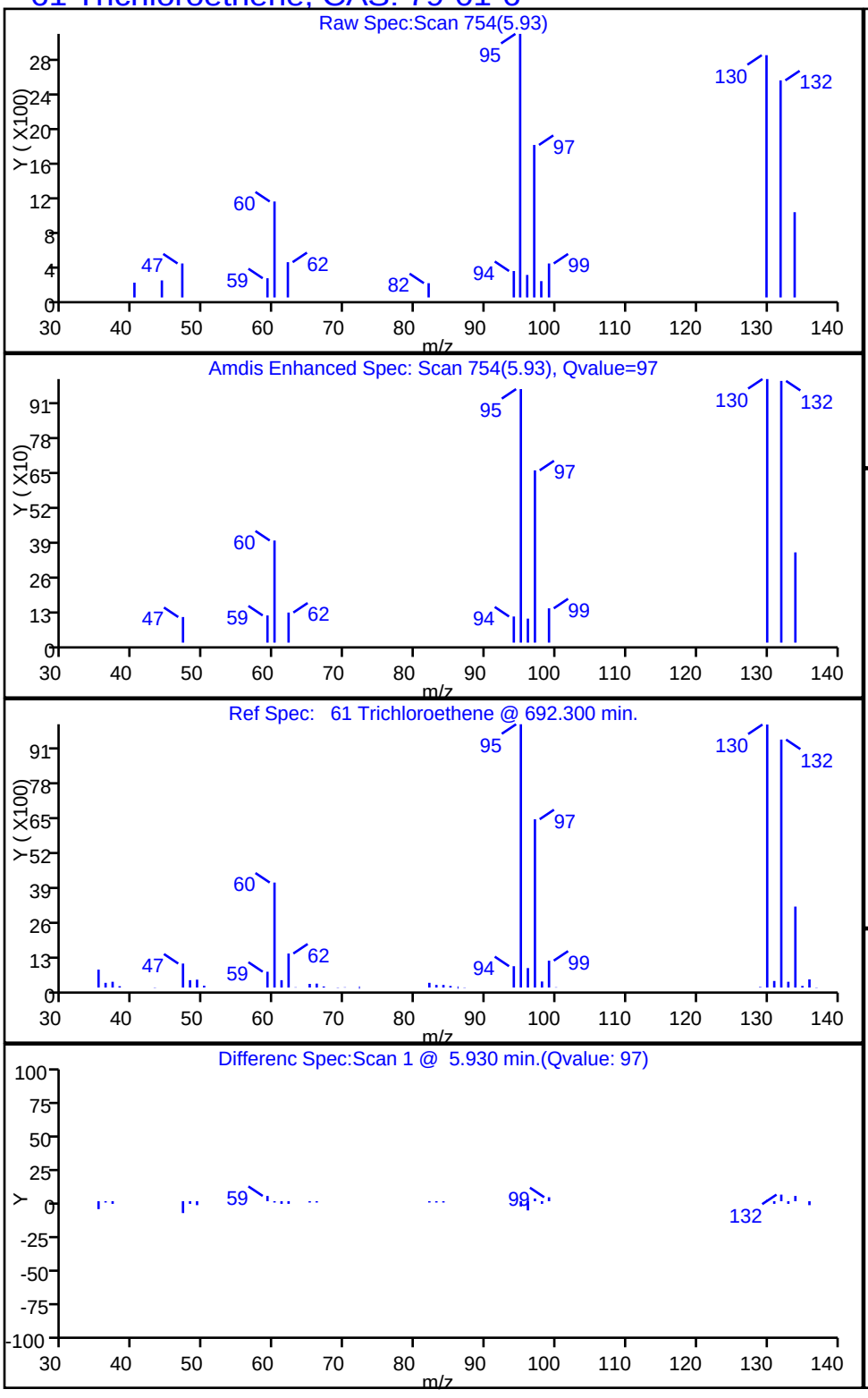
Report Date: 09-Nov-2014 20:38:50 Chrom Revision: 2.2 07-Oct-2014 12:16:06

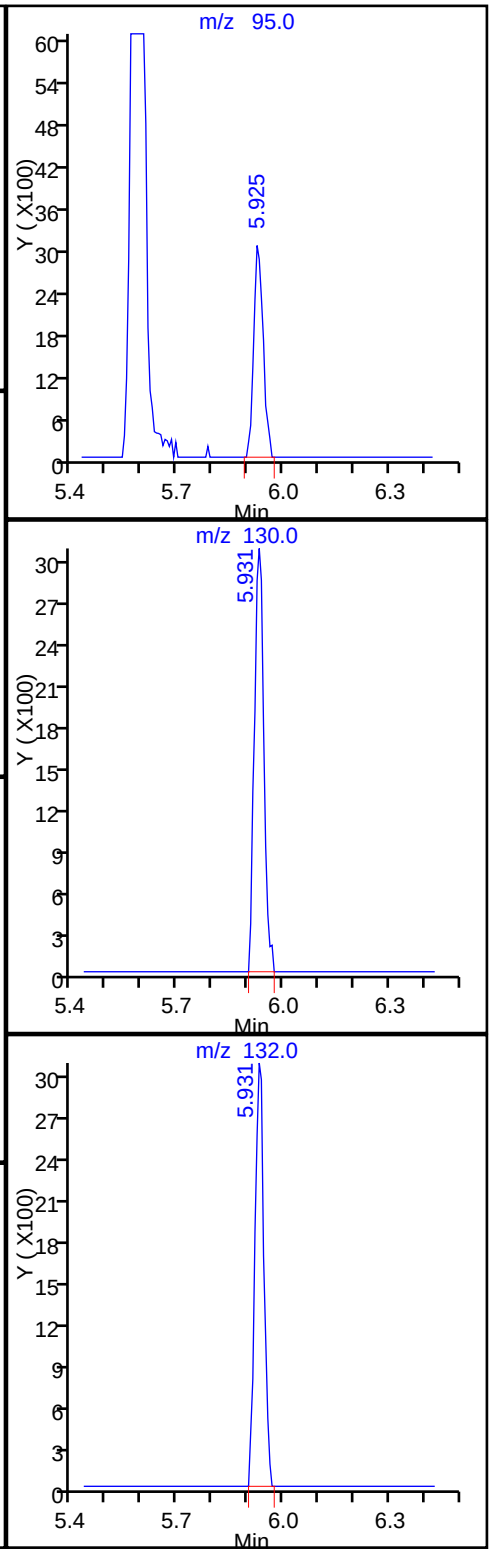
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36201.D

Injection Date:	08-Nov-2014 14:23:30	Instrument ID:	HP5973G
Lims ID:	480-70476-A-6	Lab Sample ID:	480-70476-6
Client ID:	MW-1407		
Operator ID:	NQ	ALS Bottle#:	43 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	G-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

61 Trichloroethene, CAS: 79-01-6





FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: MW-6 Lab Sample ID: 480-70476-7

Matrix: Water Lab File ID: G36202.D

Analysis Method: 8260C Date Collected: 10/29/2014 11:50

Sample wt/vol: 5(mL) Date Analyzed: 11/08/2014 14:45

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.: 212900 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 480-70476-7

Matrix: Water | Lab File ID: G36202.D

Analysis Method: 8260C | Date Collected: 10/29/2014 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 14:45

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	63		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	0.78	J	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)	89		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36202.D
Lims ID: 480-70476-A-7 Lab Sample ID: 480-70476-7
Client ID: MW-6
Sample Type: Client
Inject. Date: 08-Nov-2014 14:45:30 ALS Bottle#: 44 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-7
Misc. Info.: 480-0037210-014480-0037210-014
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 20:39:10 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 20:47:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	127792	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	270785	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.948	10.948	0.000	96	234789	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	131654	24.1	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	94061	22.3	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	632192	25.0	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	86	169813	24.7	
10 Dichlorodifluoromethane	85		1.420				ND	
12 Chloromethane	50		1.579				ND	
13 Vinyl chloride	62		1.688				ND	
14 Bromomethane	94		2.042				ND	
15 Chloroethane	64		2.133				ND	
17 Trichlorofluoromethane	101		2.310				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43		2.926				ND	
24 Carbon disulfide	76		3.036				ND	
28 Methyl acetate	43		3.225				ND	
29 Methylene Chloride	84		3.334				ND	
31 Methyl tert-butyl ether	73		3.554				ND	
32 trans-1,2-Dichloroethene	96		3.566				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96	4.523	4.523	0.000	79	3532	0.5426	
44 2-Butanone (MEK)	43		4.554				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78		5.316				ND	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95	5.925	5.925	0.000	96	4941	0.7780	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.151				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92		7.157				ND	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166	7.705	7.699	0.006	98	396135	63.1	
82 2-Hexanone	43		7.833				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.248				ND	
92 Styrene	104		9.272				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.321				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

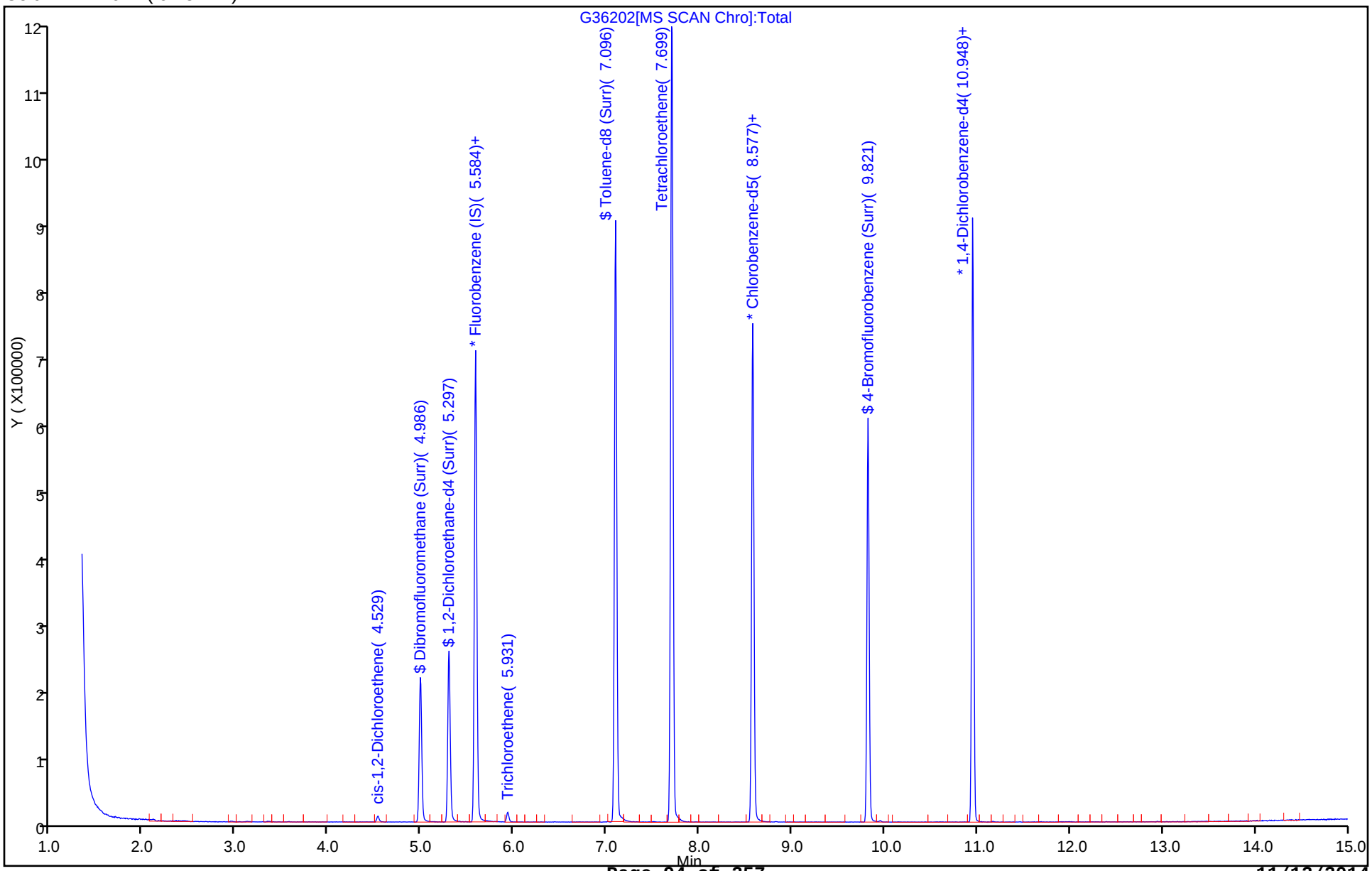
Report Date: 09-Nov-2014 20:47:43 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36202.D

Injection Date:	08-Nov-2014 14:45:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	480-70476-A-7	Lab Sample ID:	480-70476-7	Worklist Smp#:	14
Client ID:	MW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	44
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)

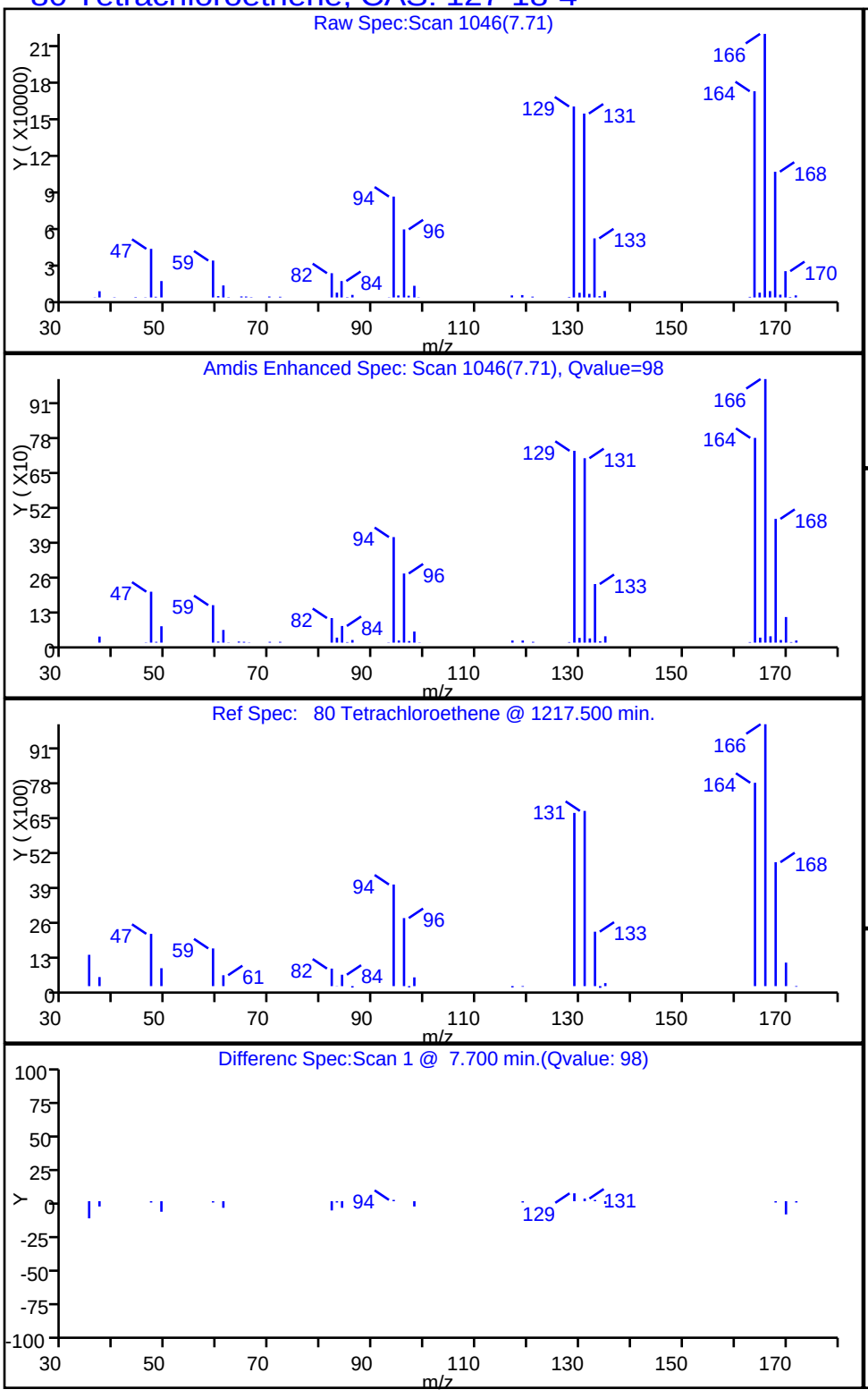


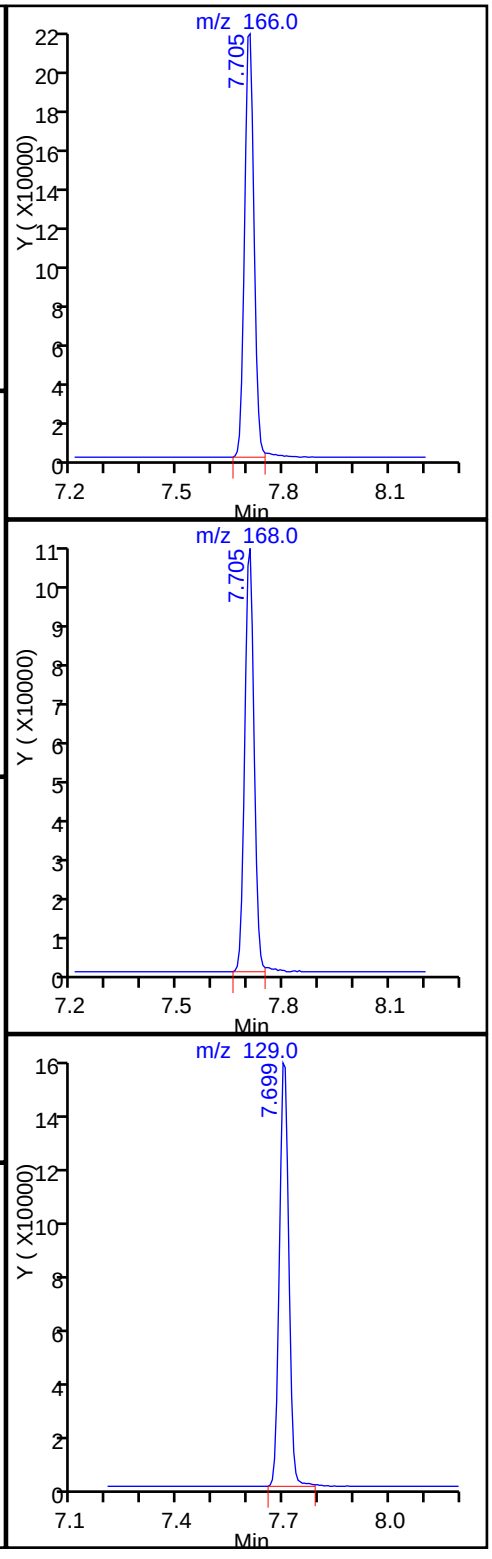
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36202.D

Injection Date:	08-Nov-2014 14:45:30	Instrument ID:	HP5973G		
Lims ID:	480-70476-A-7	Lab Sample ID:	480-70476-7		
Client ID:	MW-6				
Operator ID:	NQ	ALS Bottle#:	44	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	G-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4





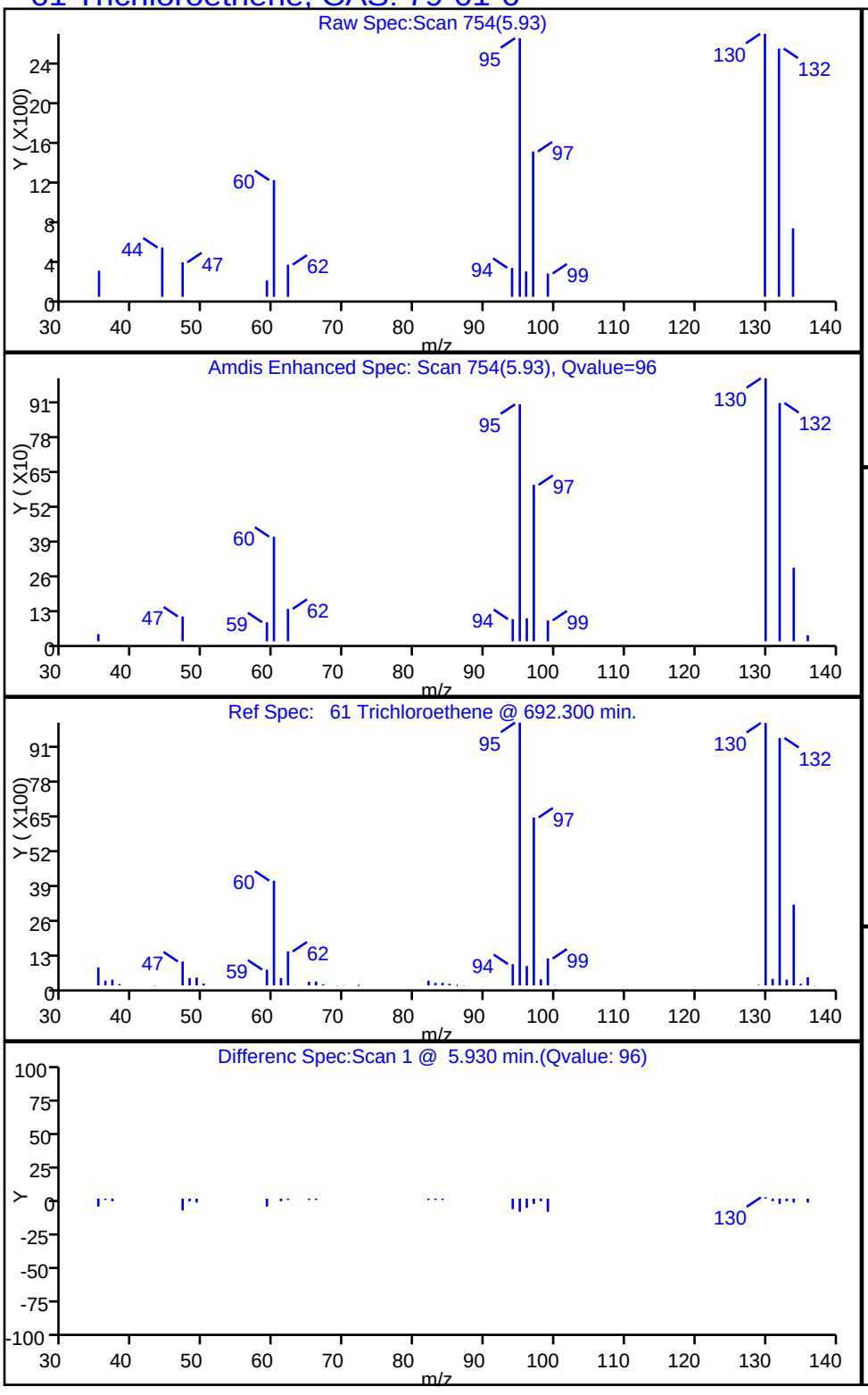
Report Date: 09-Nov-2014 20:47:43 Chrom Revision: 2.2 07-Oct-2014 12:16:06

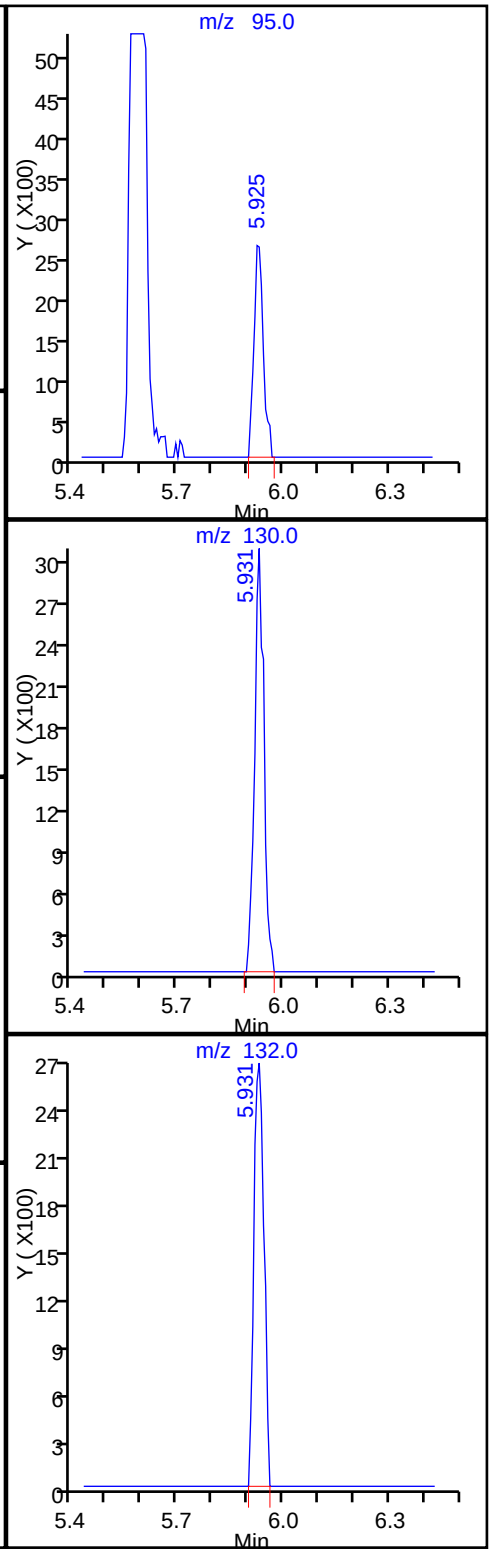
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36202.D

Injection Date:	08-Nov-2014 14:45:30	Instrument ID:	HP5973G		
Lims ID:	480-70476-A-7	Lab Sample ID:	480-70476-7		
Client ID:	MW-6				
Operator ID:	NQ	ALS Bottle#:	44	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	G-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6





FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-70476-1

SDG No.:

Client Sample ID: MW-1404 | Lab Sample ID: 480-70476-8

Matrix: Water | Lab File ID: G36203.D

Analysis Method: 8260C | Date Collected: 10/29/2014 13:25

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 15:07

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.: 212900 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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	1.1		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
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.: 480-70476-1

SDG No.:

Client Sample ID: MW-1404 | Lab Sample ID: 480-70476-8

Matrix: Water | Lab File ID: G36203.D

Analysis Method: 8260C | Date Collected: 10/29/2014 13:25

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 15:07

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	87		66-137
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	94		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36203.D
Lims ID: 480-70476-A-8 Lab Sample ID: 480-70476-8
Client ID: MW-1404
Sample Type: Client
Inject. Date: 08-Nov-2014 15:07:30 ALS Bottle#: 45 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-8
Misc. Info.: 480-0037210-015480-0037210-015
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 20:48:03 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 20:48:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	127673	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	269693	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.948	0.001	96	236772	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	128027	23.4	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	91649	21.7	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	616095	24.4	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	86	170208	24.9	
10 Dichlorodifluoromethane	85		1.420				ND	
12 Chloromethane	50		1.579				ND	
13 Vinyl chloride	62		1.688				ND	
14 Bromomethane	94		2.042				ND	
15 Chloroethane	64		2.133				ND	
17 Trichlorofluoromethane	101		2.310				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43	2.950	2.926	0.024	97	2295	0.9006	
24 Carbon disulfide	76		3.036				ND	
28 Methyl acetate	43		3.225				ND	
29 Methylene Chloride	84		3.334				ND	
31 Methyl tert-butyl ether	73		3.554				ND	
32 trans-1,2-Dichloroethene	96		3.566				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96	4.529	4.523	0.006	78	7408	1.14	
44 2-Butanone (MEK)	43		4.554				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78		5.316				ND	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95		5.925				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.151				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92		7.157				ND	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166		7.699				ND	
82 2-Hexanone	43		7.833				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.248				ND	
92 Styrene	104		9.272				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.321				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

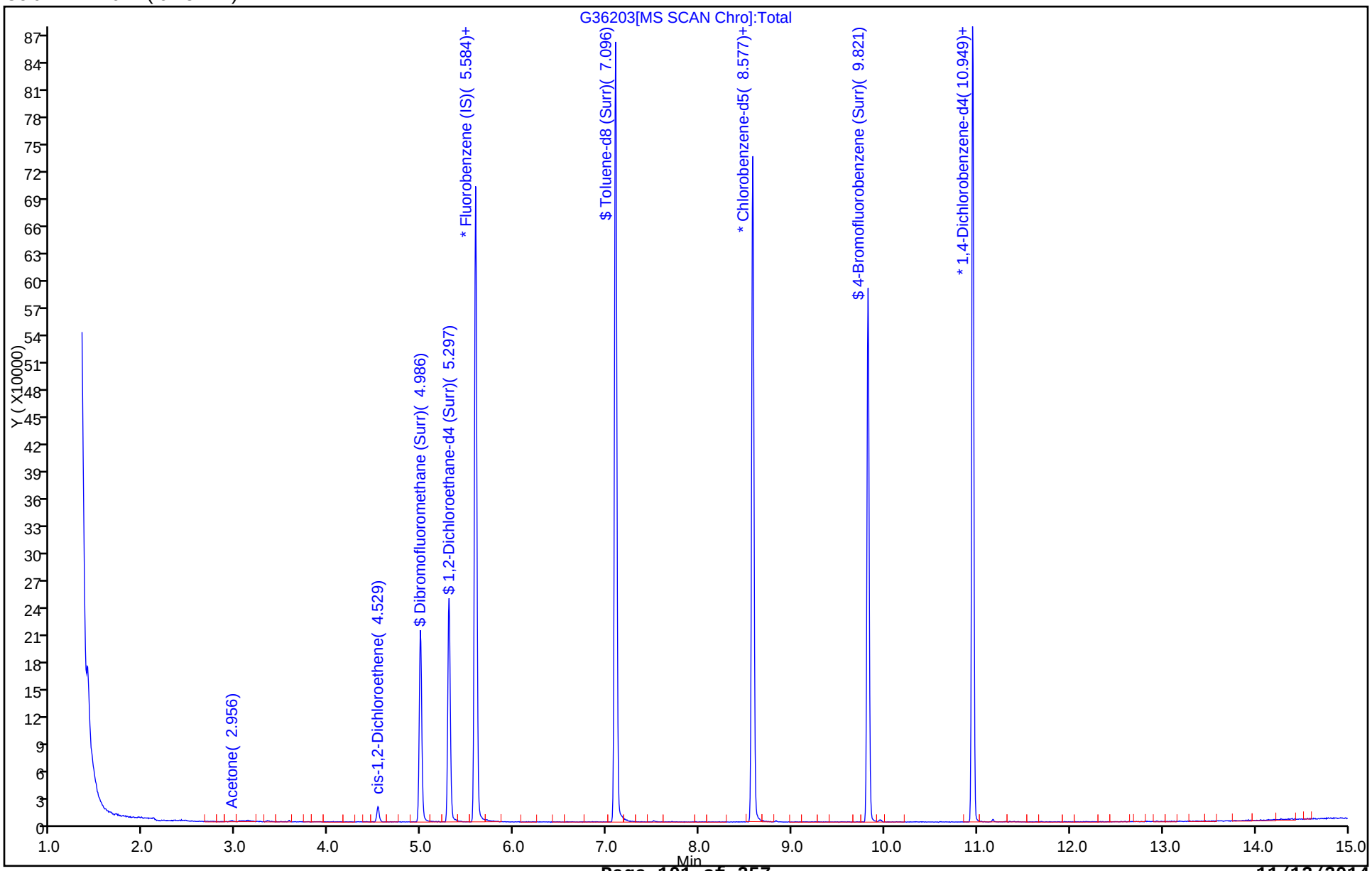
Report Date: 09-Nov-2014 20:48:04 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36203.D

Injection Date:	08-Nov-2014 15:07:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	480-70476-A-8	Lab Sample ID:	480-70476-8	Worklist Smp#:	15
Client ID:	MW-1404				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	45
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



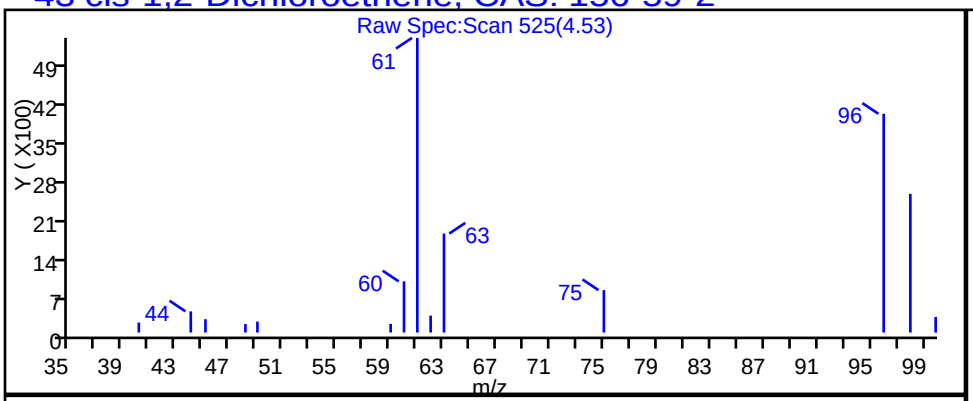
Report Date: 09-Nov-2014 20:48:04 Chrom Revision: 2.2 07-Oct-2014 12:16:06

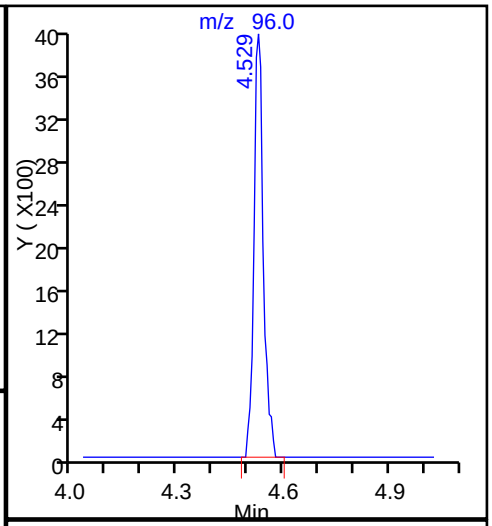
TestAmerica Buffalo

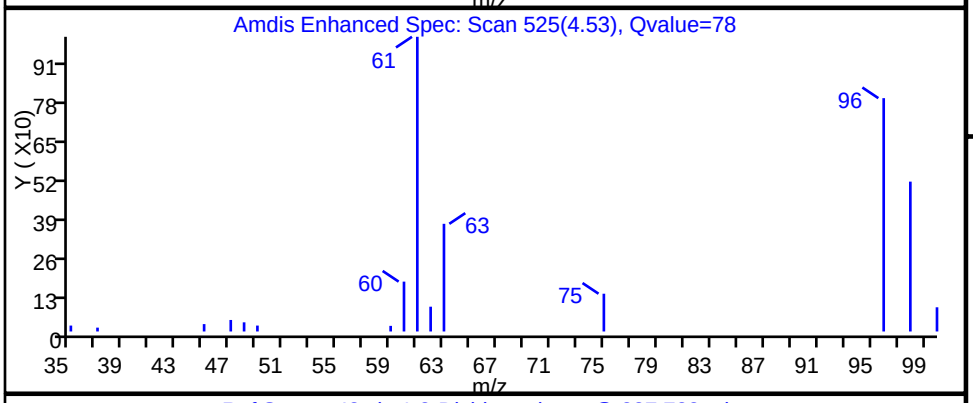
Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36203.D

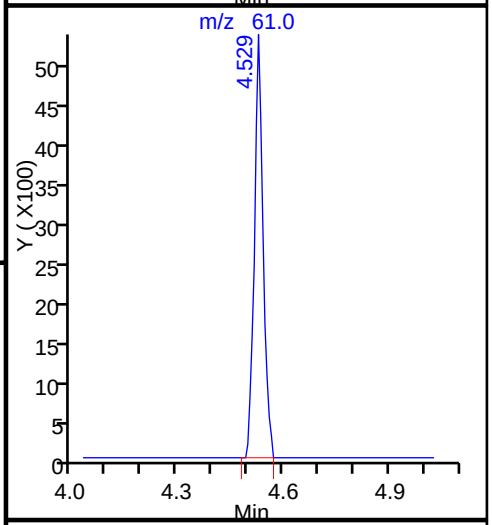
Injection Date:	08-Nov-2014 15:07:30	Instrument ID:	HP5973G
Lims ID:	480-70476-A-8	Lab Sample ID:	480-70476-8
Client ID:	MW-1404		
Operator ID:	NQ	ALS Bottle#:	45 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	G-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

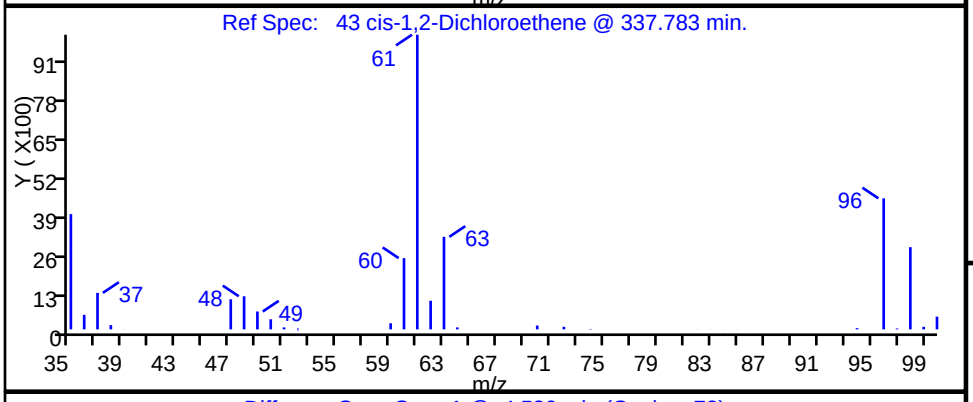
43 cis-1,2-Dichloroethene, CAS: 156-59-2

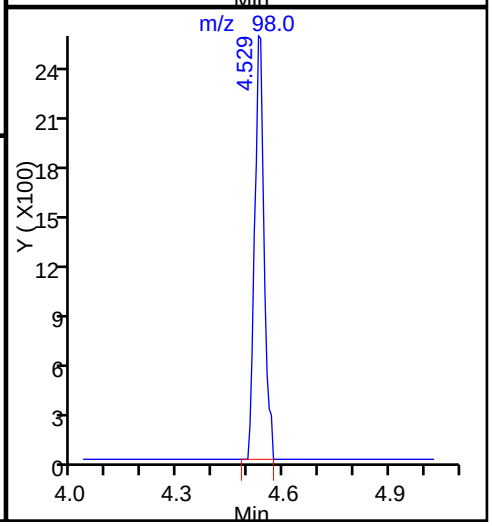


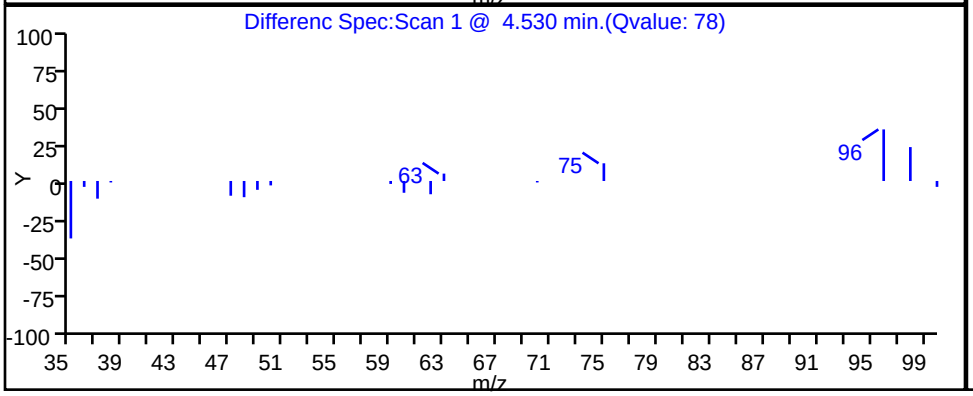












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: MW-1408 Lab Sample ID: 480-70476-9

Matrix: Water Lab File ID: G36204.D

Analysis Method: 8260C Date Collected: 10/29/2014 13:00

Sample wt/vol: 5(mL) Date Analyzed: 11/08/2014 15:30

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.: 212900 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: MW-1408 | Lab Sample ID: 480-70476-9

Matrix: Water | Lab File ID: G36204.D

Analysis Method: 8260C | Date Collected: 10/29/2014 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 15:30

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	88		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	95		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36204.D
Lims ID: 480-70476-A-9 Lab Sample ID: 480-70476-9
Client ID: MW-1408
Sample Type: Client
Inject. Date: 08-Nov-2014 15:30:30 ALS Bottle#: 46 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-9
Misc. Info.: 480-0037210-016480-0037210-016
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 20:48:18 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 20:48:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	127524	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	269220	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.948	0.001	96	233561	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	129977	23.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	93168	22.1	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	628657	25.0	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	86	171100	25.0	
10 Dichlorodifluoromethane	85		1.420				ND	
12 Chloromethane	50		1.579				ND	
13 Vinyl chloride	62		1.688				ND	
14 Bromomethane	94		2.042				ND	
15 Chloroethane	64		2.133				ND	
17 Trichlorofluoromethane	101		2.310				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43	2.956	2.956	0.030	74	1099	0.4318	M
24 Carbon disulfide	76		3.036				ND	
28 Methyl acetate	43		3.225				ND	
29 Methylene Chloride	84		3.334				ND	
31 Methyl tert-butyl ether	73		3.554				ND	
32 trans-1,2-Dichloroethene	96		3.566				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96		4.523				ND	
44 2-Butanone (MEK)	43		4.554				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78		5.316				ND	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95		5.925				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.151				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92		7.157				ND	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166		7.699				ND	
82 2-Hexanone	43		7.833				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.248				ND	
92 Styrene	104		9.272				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.321				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

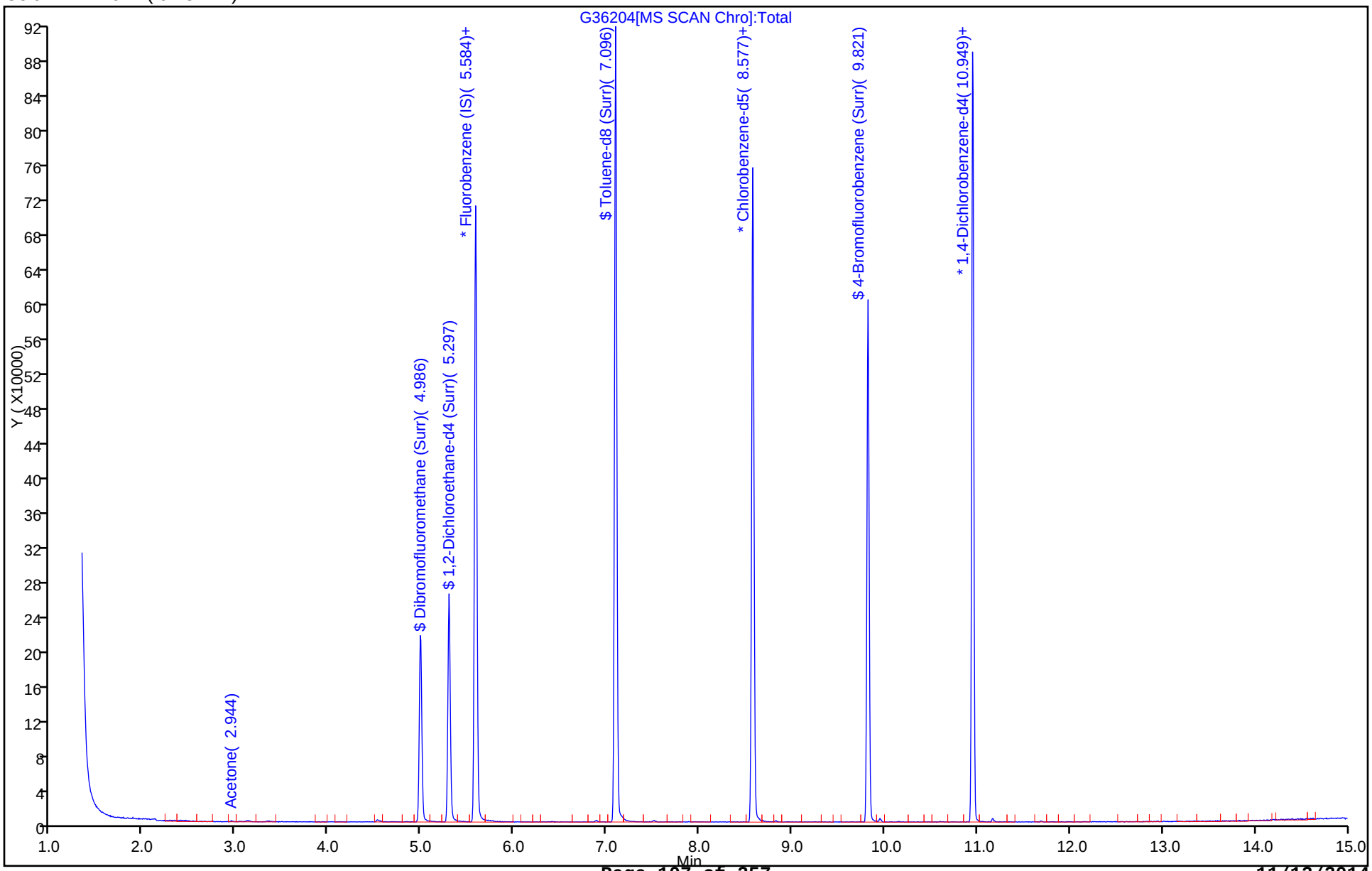
Report Date: 09-Nov-2014 20:48:18 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36204.D

Injection Date:	08-Nov-2014 15:30:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	480-70476-A-9	Lab Sample ID:	480-70476-9	Worklist Smp#:	16
Client ID:	MW-1408				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	46
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

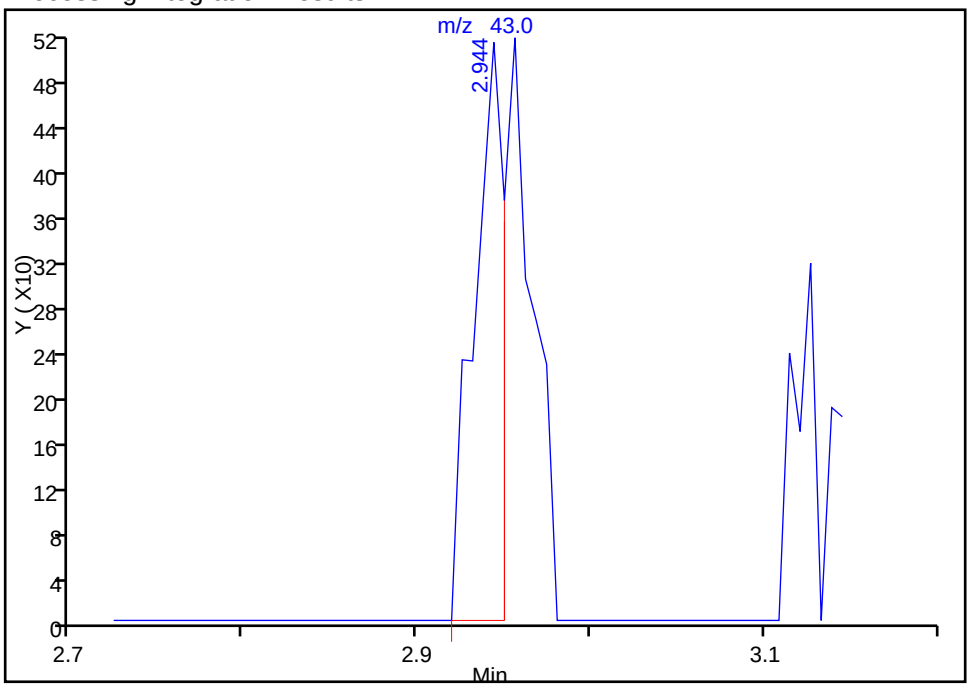
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36204.D
Injection Date: 08-Nov-2014 15:30:30 Instrument ID: HP5973G
Lims ID: 480-70476-A-9 Lab Sample ID: 480-70476-9
Client ID: MW-1408
Operator ID: NQ ALS Bottle#: 46 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

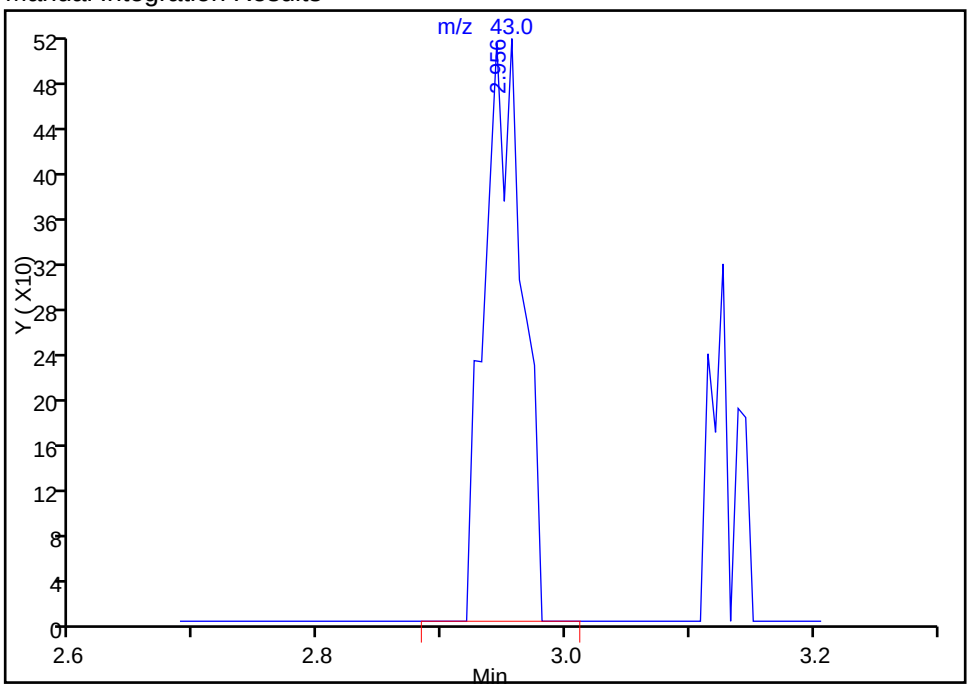
Processing Integration Results

RT: 2.94
Response: 623
Amount: 0.244774



Manual Integration Results

RT: 2.96
Response: 1099
Amount: 0.431793



Reviewer: goliszekg, 09-Nov-2014 20:48:18
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-70476-1

SDG No.:

Client Sample ID: DUP | Lab Sample ID: 480-70476-10

Matrix: Water | Lab File ID: G36240.D

Analysis Method: 8260C | Date Collected: 10/29/2014 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2014 03:34

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.: 213019 | 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: DUP | Lab Sample ID: 480-70476-10

Matrix: Water | Lab File ID: G36240.D

Analysis Method: 8260C | Date Collected: 10/29/2014 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2014 03:34

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.: 213019 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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	66		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	0.85	J	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)	88		66-137
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	95		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36240.D
Lims ID: 480-70476-A-10 Lab Sample ID: 480-70476-10
Client ID: DUP
Sample Type: Client
Inject. Date: 10-Nov-2014 03:34:30 ALS Bottle#: 82 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-70476-A-10
Misc. Info.: 480-0037230-013480-0037230-013
Operator ID: gtg Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 10-Nov-2014 08:10:56 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: boldte Date: 10-Nov-2014 08:11:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	121805	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	84	262303	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.949	0.000	95	227750	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	59	124420	23.9	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	88802	22.1	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	603295	24.6	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	88	167023	25.1	
10 Dichlorodifluoromethane	85		1.414				ND	
12 Chloromethane	50		1.578				ND	
13 Vinyl chloride	62		1.694				ND	
14 Bromomethane	94		2.048				ND	
15 Chloroethane	64		2.145				ND	
17 Trichlorofluoromethane	101		2.316				ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.822				ND	
20 1,1-Dichloroethene	96		2.828				ND	
22 Acetone	43	2.932	2.932	0.000	64	1336	0.5496	
24 Carbon disulfide	76		3.035				ND	
28 Methyl acetate	43		3.231				ND	
29 Methylene Chloride	84		3.334				ND	
31 Methyl tert-butyl ether	73		3.554				ND	
32 trans-1,2-Dichloroethene	96		3.566				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96		4.523				ND	
44 2-Butanone (MEK)	43		4.553				ND	
50 Chloroform	85		4.834				ND	
51 1,1,1-Trichloroethane	97		4.962				ND	
52 Cyclohexane	56		4.986				ND	
53 Carbon tetrachloride	117		5.108				ND	
56 Benzene	78		5.316				ND	
57 1,2-Dichloroethane	62		5.364				ND	
61 Trichloroethene	95	5.925	5.925	0.000	71	5175	0.8549	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
62 Methylcyclohexane	83		6.065				ND	
63 1,2-Dichloropropane	63		6.157				ND	
67 Dichlorobromomethane	83		6.437				ND	
72 cis-1,3-Dichloropropene	75		6.858				ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998				ND	
74 Toluene	92		7.157				ND	
76 trans-1,3-Dichloropropene	75		7.419				ND	
79 1,1,2-Trichloroethane	83		7.608				ND	
80 Tetrachloroethene	166	7.705	7.705	0.000	92	400457	65.8	
82 2-Hexanone	43		7.839				ND	
83 Chlorodibromomethane	129		8.010				ND	
84 Ethylene Dibromide	107		8.120				ND	
86 Chlorobenzene	112		8.608				ND	
89 Ethylbenzene	91		8.699				ND	
90 m-Xylene & p-Xylene	106		8.821				ND	
91 o-Xylene	106		9.254				ND	
92 Styrene	104		9.278				ND	
93 Bromoform	173		9.510				ND	
95 Isopropylbenzene	105		9.632				ND	
98 1,1,2,2-Tetrachloroethane	83		10.004				ND	
110 1,3-Dichlorobenzene	146		10.888				ND	
113 1,4-Dichlorobenzene	146		10.973				ND	
116 1,2-Dichlorobenzene	146		11.320				ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040				ND	
119 1,2,4-Trichlorobenzene	180		12.729				ND	
S 124 Xylenes, Total	1		30.000				0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

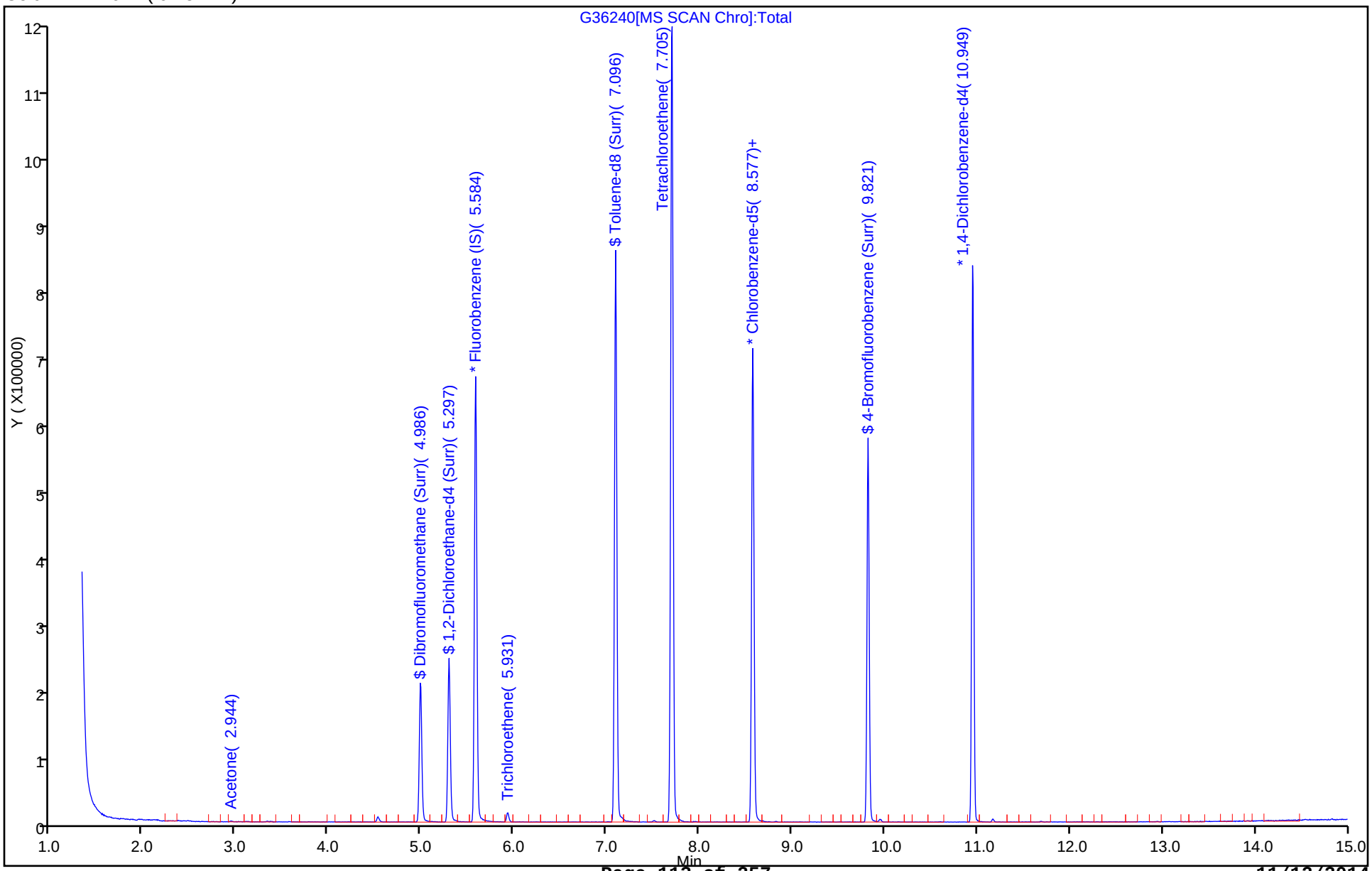
Report Date: 10-Nov-2014 08:11:41 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36240.D

Injection Date:	10-Nov-2014 03:34:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	480-70476-A-10	Lab Sample ID:	480-70476-10	Worklist Smp#:	13
Client ID:	DUP				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	82
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



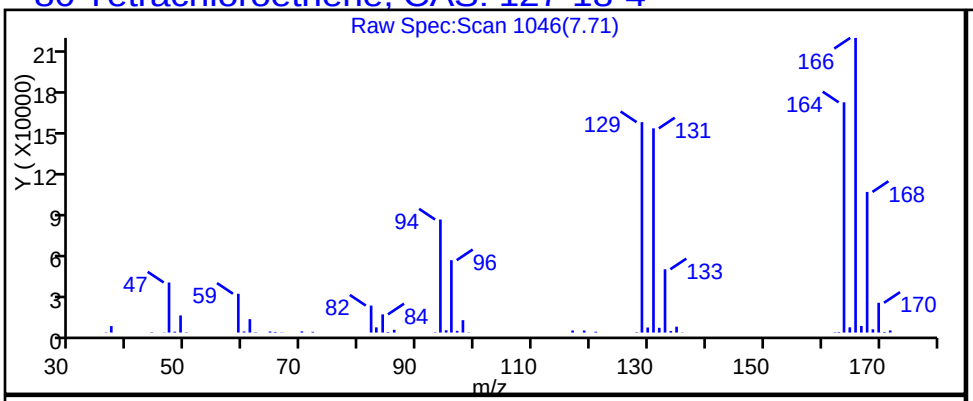
Report Date: 10-Nov-2014 08:11:42 Chrom Revision: 2.2 07-Oct-2014 12:16:06

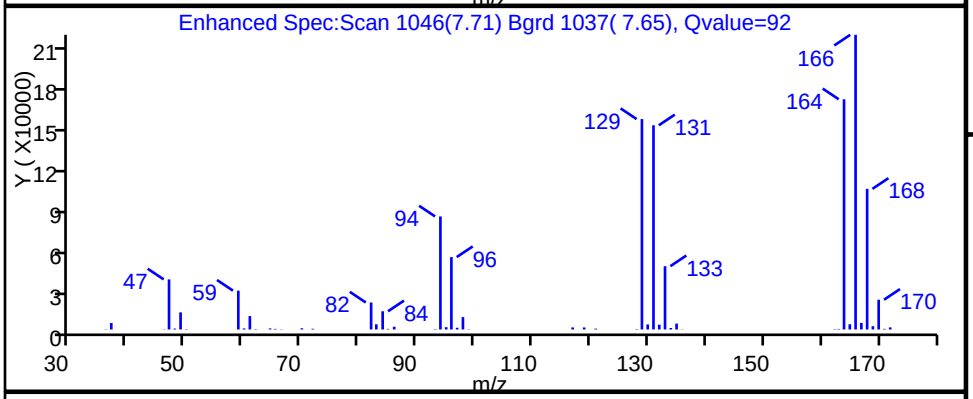
TestAmerica Buffalo

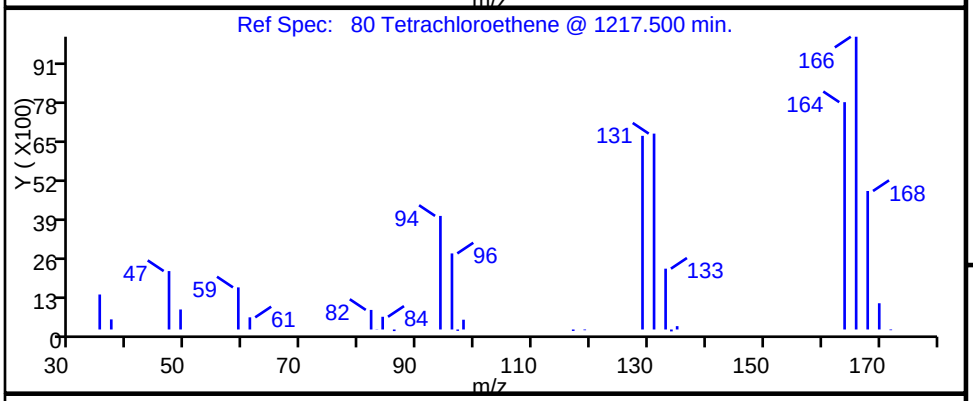
Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36240.D

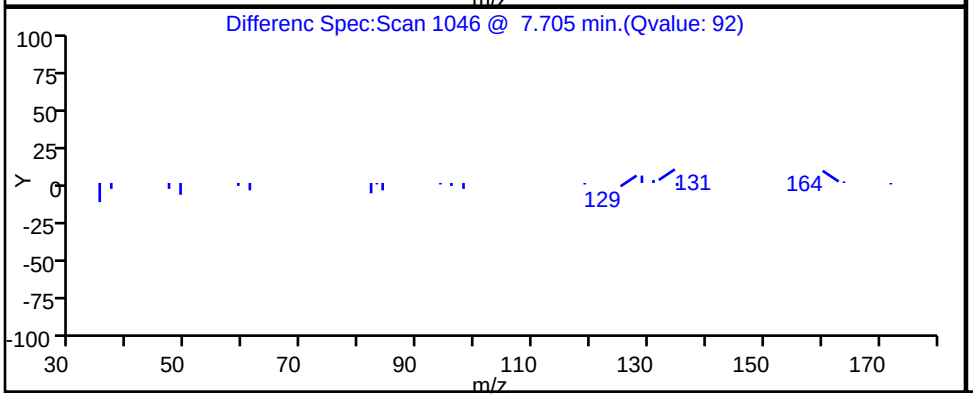
Injection Date:	10-Nov-2014 03:34:30	Instrument ID:	HP5973G		
Lims ID:	480-70476-A-10	Lab Sample ID:	480-70476-10		
Client ID:	DUP				
Operator ID:	gtg	ALS Bottle#:	82	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	G-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

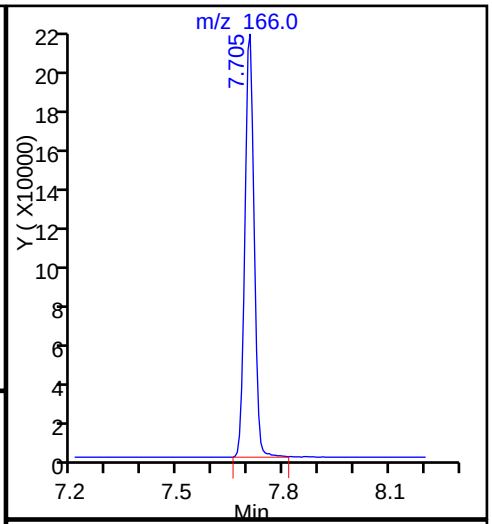
80 Tetrachloroethene, CAS: 127-18-4

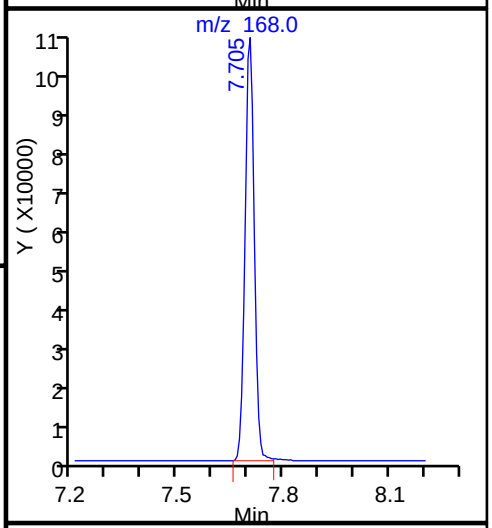


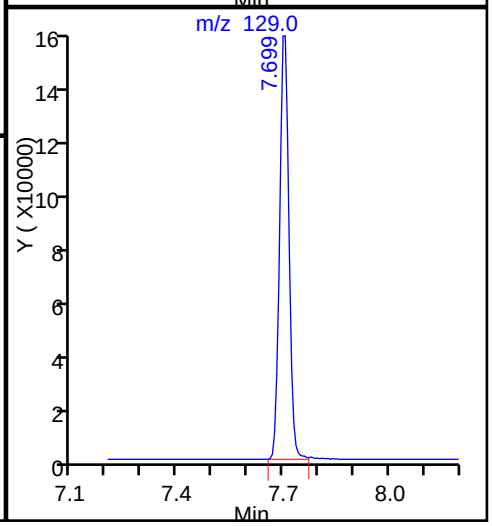












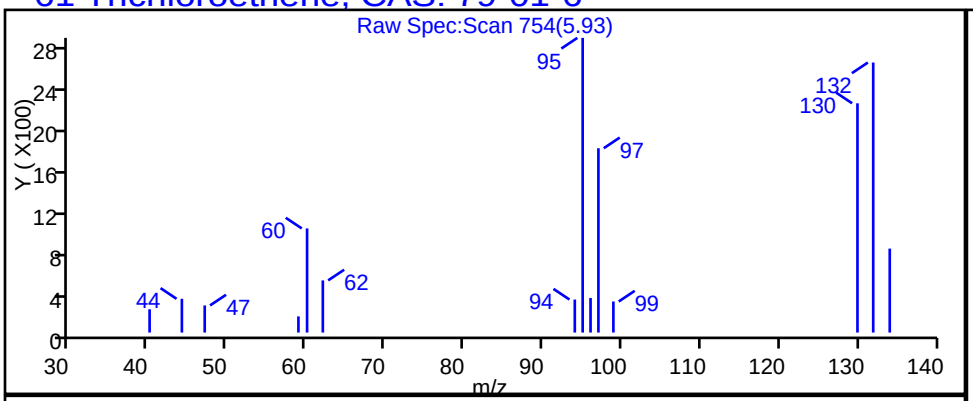
Report Date: 10-Nov-2014 08:11:42 Chrom Revision: 2.2 07-Oct-2014 12:16:06

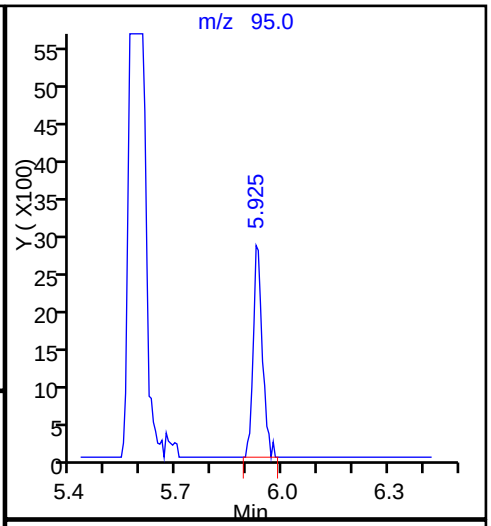
TestAmerica Buffalo

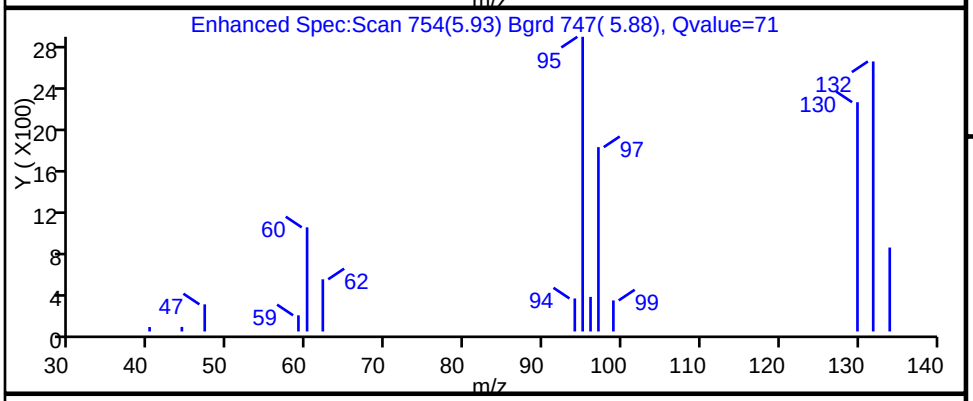
Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36240.D

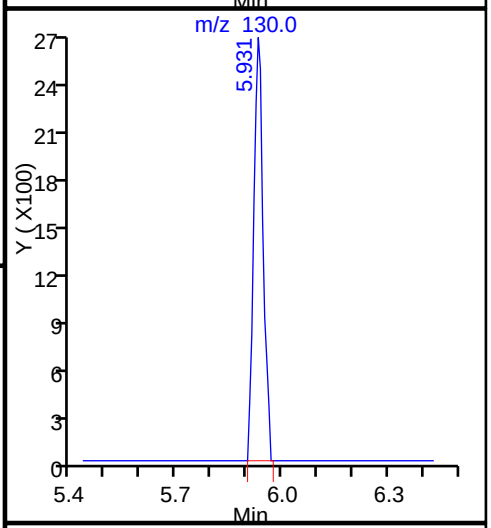
Injection Date:	10-Nov-2014 03:34:30	Instrument ID:	HP5973G
Lims ID:	480-70476-A-10	Lab Sample ID:	480-70476-10
Client ID:	DUP		
Operator ID:	gtg	ALS Bottle#:	82 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	G-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

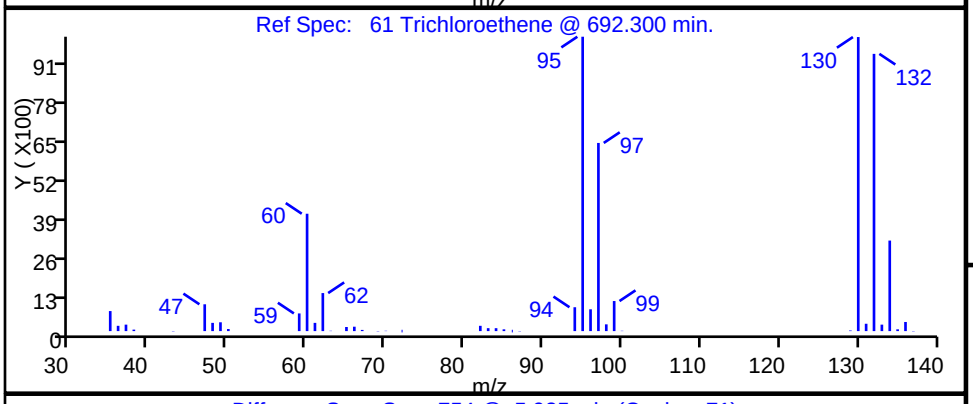
61 Trichloroethene, CAS: 79-01-6

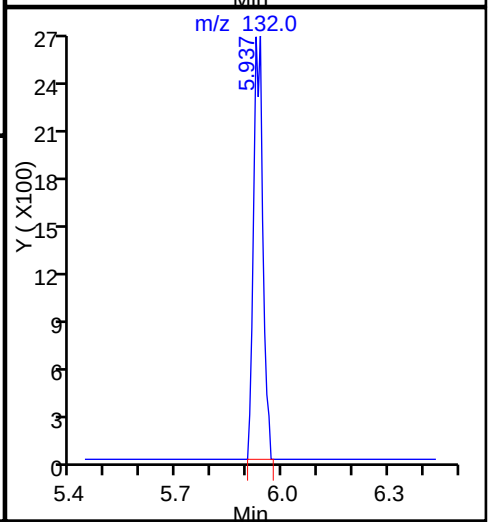


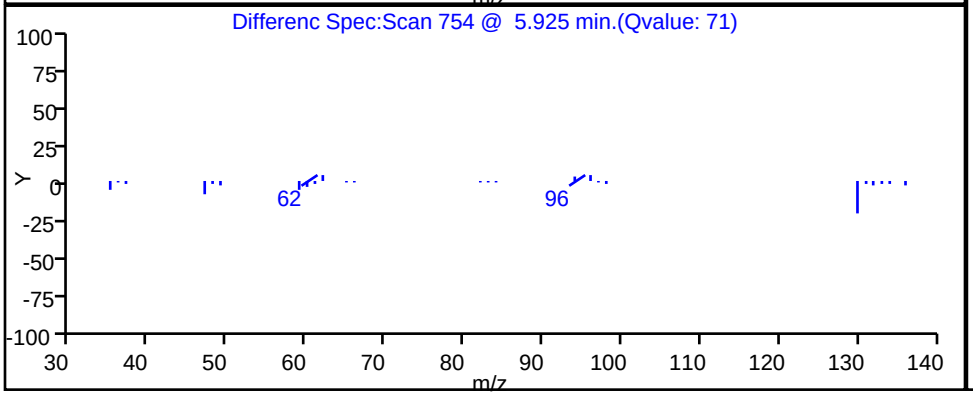












FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-204000/6	G34233.D
Level 2	IC 480-204000/7	G34234.D
Level 3	IC 480-204000/8	G34235.D
Level 4	IC 480-204000/5	G34232.D
Level 5	ICIS 480-204000/9	G34236.D
Level 6	IC 480-204000/10	G34237.D
Level 7	IC 480-204000/11	G34238.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	2.1161 2.1988	2.0753 2.2098	2.1872		2.1291	Ave		2.1527			0.1000	2.5		20.0			
Chloromethane	1.6703 1.6502	1.6053 1.6282	1.6034		1.6092	Ave		1.6278			0.1000	1.7		20.0			
Vinyl chloride	1.7164 1.7839	1.7554 1.7409	1.7756		1.7573	Ave		1.7549			0.1000	1.4		20.0			
Butadiene	1.3233 1.3937	1.3327 1.4981	1.5261		1.4042	Ave		1.4130				5.9		20.0			
Bromomethane	0.5892 0.6538	0.4654 0.6963	0.3973		0.3790	Qua	-1.072	0.5269	0.0018477		0.1000				0.9930		0.9900
Chloroethane	1.1237 0.9821	1.0413 1.0034	1.0336		0.9961	Ave		1.0300			0.1000	5.0		20.0			
Dichlorofluoromethane	1.9342 2.2327	1.6685 2.2447	2.0116		1.9828	Ave		2.0124				11.0		20.0			
Trichlorofluoromethane	1.8606 2.3353	2.0755 2.3207	2.2096		2.2187	Ave		2.1701			0.1000	8.2		20.0			
Ethyl ether	0.9817 1.1075	1.0646 1.0869	1.0976		1.0838	Ave		1.0703				4.3		20.0			
Acrolein	0.1779 0.1633	0.1652 0.1647	0.1633		0.1659	Ave		0.1667				3.3		20.0			
1,1-Dichloroethene	1.5647 1.7609	1.6985 1.7072	1.7651		1.7358	Ave		1.7054			0.1000	4.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2646 1.4060	1.2774 1.4145	1.4715		1.3777	Ave		1.3686			0.1000	6.0		20.0			
Acetone	0.4813 0.5147	0.4844 0.4974	0.5089		0.5071	Ave		0.4990			0.1000	2.7		20.0			
Iodomethane	1.6181 1.7692	1.7483 1.9501	1.9249		1.7913	Ave		1.8003				6.8		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	4.5651 5.3267	4.6597 5.2743	5.2131		5.1589	Ave		5.0330			0.1000	6.6		20.0			
Allyl chloride	1.6345 1.6119	1.6302 1.7482	1.7358		1.6133	Ave		1.6623				3.8		20.0			
Methyl acetate	1.1499 1.2921	1.2300 1.2191	1.2865		1.2755	Ave		1.2422			0.1000	4.4		20.0			
Methylene Chloride	1.9433 1.6375	1.7006 1.6039	1.7287		1.6686	Ave		1.7138			0.1000	7.1		20.0			
2-Methyl-2-propanol	0.1892 0.2202	0.1903 0.2183	0.2207		0.2224	Ave		0.2102				7.6		20.0			
Methyl tert-butyl ether	3.8925 4.4055	4.3044 4.3005	4.3977		4.3759	Ave		4.2794			0.1000	4.6		20.0			
trans-1,2-Dichloroethene	1.2549 1.3578	1.3391 1.3677	1.4126		1.4040	Ave		1.3560			0.1000	4.2		20.0			
Acrylonitrile	0.5230 0.5729	0.5561 0.5421	0.5955	0.4865	0.5770	Ave		0.5505				6.7		20.0			
Hexane	1.7643 1.8403	1.8525 1.7959	1.8185		1.8254	Ave		1.8162				1.8		20.0			
1,1-Dichloroethane	2.0478 2.2464	2.2193 2.2937	2.3154		2.2750	Ave		2.2329			0.2000	4.3		20.0			
Vinyl acetate	1.3199 1.8563	1.5868 1.8454	1.6837		1.7901	Ave		1.6804				12.0		20.0			
2,2-Dichloropropane	0.7233 0.8157	0.8331 0.7906	0.8412		0.8212	Ave		0.8042				5.4		20.0			
cis-1,2-Dichloroethene	1.1321 1.3123	1.2907 1.2736	1.3115		1.3212	Ave		1.2735			0.1000	5.6		20.0			
2-Butanone (MEK)	0.6518 0.7780	0.6984 0.7519	0.7688		0.7625	Ave		0.7352			0.1000	6.7		20.0			
Chlorobromomethane	0.5473 0.6257	0.6100 0.6263	0.6112		0.6089	Ave		0.6049				4.8		20.0			
Tetrahydrofuran	0.5539 0.5171	0.4869 0.5002	0.4948		0.5130	Ave		0.5110				4.7		20.0			
Chloroform	1.3569 1.4345	1.4075 1.4260	1.4468		1.4178	Ave		1.4149			0.2000	2.2		20.0			
1,1,1-Trichloroethane	1.1921 1.4003	1.3334 1.4398	1.4317		1.3697	Ave		1.3612			0.1000	6.7		20.0			
Cyclohexane	2.2271 2.4941	2.4171 2.4333	2.4925		2.4214	Ave		2.4143			0.1000	4.1		20.0			
Carbon tetrachloride	1.0708 1.5345	1.3372 1.6825	1.4467		1.5054	Ave		1.4295			0.1000	15.0		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	1.5183 1.7117	1.6333 1.6804	1.7230		1.7104	Ave		1.6629				4.7		20.0			
Isobutyl alcohol	0.0535 0.0893	0.0723 0.0855	0.0829		0.0872	Ave		0.0784				17.0		20.0			
Benzene	4.8152 5.0592	5.1517 4.8532	5.2023		5.0530	Ave		5.0224			0.5000	3.1		20.0			
1,2-Dichloroethane	1.7708 1.9720	1.9481 1.9600	1.9689		1.9912	Ave		1.9352			0.1000	4.2		20.0			
n-Heptane	1.6719 1.8399	1.8544 1.8058	1.8531		1.8225	Ave		1.8079				3.8		20.0			
Trichloroethene	1.1175 1.2820	1.2617 1.2381	1.3067		1.2486	Ave		1.2424			0.2000	5.3		20.0			
Methylcyclohexane	1.9497 2.2549	2.2092 2.2277	2.3318		2.2023	Ave		2.1959			0.1000	5.9		20.0			
1,2-Dichloropropane	1.0987 1.2494	1.1822 1.2355	1.2517		1.2618	Ave		1.2132			0.1000	5.2		20.0			
Dibromomethane	0.6881 0.7947	0.7262 0.7829	0.7683		0.7807	Ave		0.7568			0.1000	5.4		20.0			
1,4-Dioxane	0.0063 0.0093	0.0080 0.0089	0.0093		0.0089	Ave		0.0085				14.0		20.0			
Bromodichloromethane	1.2046 1.6853	1.3960 1.7493	1.4790		1.5808	Ave		1.5158			0.2000	13.0		20.0			
2-Chloroethyl vinyl ether	0.6668 0.9738	0.8557 0.9941	0.9184		0.9700	Ave		0.8965				14.0		20.0			
cis-1,3-Dichloropropene	1.6241 2.1147	1.8403 2.1587	2.0043		2.0528	Ave		1.9658			0.2000	10.0		20.0			
4-Methyl-2-pentanone (MIBK)	0.6287 0.7291	0.6743 0.6975	0.7251		0.7352	Ave		0.6983			0.1000	5.9		20.0			
Toluene	1.4026 1.5518	1.4791 1.5626	1.5582		1.5371	Ave		1.5152			0.4000	4.2		20.0			
trans-1,3-Dichloropropene	0.6521 0.9404	0.7227 0.9847	0.8568		0.9028	Ave		0.8432			0.1000	15.0		20.0			
Ethyl methacrylate	0.7439 0.9656	0.7819 0.9917	0.8796		0.9291	Ave		0.8819				11.0		20.0			
1,1,2-Trichloroethane	0.3936 0.4617	0.4250 0.4732	0.4632		0.4630	Ave		0.4466			0.1000	6.9		20.0			
Tetrachloroethene	0.5669 0.5855	0.5573 0.5973	0.5924		0.5797	Ave		0.5799			0.2000	2.6		20.0			
1,3-Dichloropropane	0.9139 1.0607	0.9926 1.0739	1.0652		1.0505	Ave		1.0261				6.1		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.4162 0.5307	0.4695 0.5217	0.5136		0.5215	Ave		0.4956			0.1000	9.0		20.0			
Dibromochloromethane	0.3402 0.5602	0.3876 0.6027	0.4388		0.4957	Lin1	-0.463	0.5765			0.1000				0.9930		0.9900
1,2-Dibromoethane	0.4859 0.5788	0.4987 0.5935	0.5622		0.5623	Ave		0.5469				8.1		20.0			
Chlorobenzene	1.4829 1.6466	1.5690 1.6583	1.6640		1.6572	Ave		1.6130			0.5000	4.5		20.0			
1,1,1,2-Tetrachloroethane	0.4019 0.5367	0.4280 0.5594	0.4863		0.5163	Ave		0.4881				13.0		20.0			
Ethylbenzene	2.7267 2.9235	2.8218 2.8831	2.9493		2.9442	Ave		2.8748			0.1000	3.0		20.0			
m,p-Xylene	1.0618 1.1662	1.0981 1.1916	1.1608		1.1578	Ave		1.1394			0.1000	4.3		20.0			
o-Xylene	0.9829 1.1253	1.0840 1.1352	1.1200		1.1210	Ave		1.0947			0.3000	5.2		20.0			
Styrene	1.6206 1.9721	1.7880 2.0004	1.9198		1.9465	Ave		1.8746			0.3000	7.7		20.0			
Bromoform	0.1665 0.3302	0.2023 0.3793	0.2345		0.2790	Lin	-1.403	0.3841			0.1000				0.9950		0.9900
Isopropylbenzene	3.0949 3.4909	3.3703 3.3556	3.6335		3.4717	Ave		3.4028			0.1000	5.3		20.0			
Bromobenzene	0.7134 0.7930	0.7440 0.7839	0.8089		0.7902	Ave		0.7722				4.7		20.0			
1,1,2,2-Tetrachloroethane	0.7578 0.9151	0.8172 0.9144	0.9018		0.9044	Ave		0.8685			0.3000	7.6		20.0			
1,2,3-Trichloropropane	0.2851 0.3166	0.2895 0.3110	0.3228		0.3129	Ave		0.3063				5.0		20.0			
trans-1,4-Dichloro-2-butene	0.2123 0.3269	0.2481 0.3296	0.2890		0.3014	Ave		0.2845				16.0		20.0			
N-Propylbenzene	3.5056 4.0587	3.9323 3.8296	4.2499		4.0591	Ave		3.9392				6.5		20.0			
2-Chlorotoluene	0.7369 0.7831	0.7501 0.7699	0.7991		0.7813	Ave		0.7701				3.0		20.0			
1,3,5-Trimethylbenzene	2.5758 3.0263	2.8210 2.9484	3.0931		2.9813	Ave		2.9076				6.4		20.0			
4-Chlorotoluene	0.7562 0.8295	0.7713 0.8227	0.8488		0.8226	Ave		0.8085				4.5		20.0			
tert-Butylbenzene	0.5207 0.6474	0.6127 0.6434	0.6532		0.6382	Ave		0.6193				8.1		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	2.6098 3.1228	2.9558 3.0528	3.1969		3.0864	Ave		3.0041				7.0		20.0			
sec-Butylbenzene	3.2494 3.8084	3.6330 3.6901	3.9483		3.7860	Ave		3.6859				6.5		20.0			
1,3-Dichlorobenzene	1.4215 1.5542	1.5001 1.5154	1.6093		1.5556	Ave		1.5260			0.6000	4.2		20.0			
4-Isopropyltoluene	2.6496 3.2037	3.0674 3.1187	3.3427		3.1907	Ave		3.0955				7.7		20.0			
1,4-Dichlorobenzene	1.4907 1.6084	1.5230 1.6029	1.6381		1.6050	Ave		1.5780			0.5000	3.6		20.0			
n-Butylbenzene	2.5533 3.0089	2.8086 2.9781	3.0559		2.9460	Ave		2.8918				6.4		20.0			
1,2-Dichlorobenzene	1.4393 1.5431	1.4684 1.5434	1.6110		1.5244	Ave		1.5216			0.4000	4.0		20.0			
1,2-Dibromo-3-Chloropropane	0.1290 0.1843	0.1266 0.2087	0.1537		0.1630	Ave		0.1609			0.0500	20.0		20.0			
1,2,4-Trichlorobenzene	1.0177 1.1493	1.0440 1.1859	1.1281		1.1071	Ave		1.1053			0.2000	5.8		20.0			
Hexachlorobutadiene	0.4336 0.5188	0.4767 0.5443	0.5107		0.4764	Ave		0.4934				7.9		20.0			
Naphthalene	2.0364 2.8771	2.3336 2.9308	2.7252		2.7421	Ave		2.6075				13.0		20.0			
1,2,3-Trichlorobenzene	0.8911 1.0172	0.8979 1.0524	1.0032		0.9622	Ave		0.9706				6.8		20.0			
Dibromofluoromethane (Surr)	1.0185 1.0852	1.1011 1.0782	1.0753	1.0449	1.0847	Ave		1.0697				2.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.8270 0.8087	0.8649 0.7915	0.8231	0.8390	0.8284	Ave		0.8261				2.8		20.0			
Toluene-d8 (Surr)	2.3398 2.3235	2.3115 2.3776	2.3301	2.3398	2.3427	Ave		2.3379				0.9		20.0			
4-Bromofluorobenzene (Surr)	0.6262 0.6411	0.6310 0.6641	0.6248	0.6291	0.6281	Ave		0.6349				2.2		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-204000/6	G34233.D
Level 2	IC 480-204000/7	G34234.D
Level 3	IC 480-204000/8	G34235.D
Level 4	IC 480-204000/5	G34232.D
Level 5	ICIS 480-204000/9	G34236.D
Level 6	IC 480-204000/10	G34237.D
Level 7	IC 480-204000/11	G34238.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	13950 723996	66487 1501677	140109		345847	1.00 50.0	5.00 100	10.0		25.0
Chloromethane	FB	Ave	11011 543370	51429 1106431	102712		261407	1.00 50.0	5.00 100	10.0		25.0
Vinyl chloride	FB	Ave	11315 587392	56239 1183071	113746		285458	1.00 50.0	5.00 100	10.0		25.0
Butadiene	FB	Ave	8724 458921	42695 1018044	97761		228102	1.00 50.0	5.00 100	10.0		25.0
Bromomethane	FB	Qua	3884 215294	14910 473174	25451		61562	1.00 50.0	5.00 100	10.0		25.0
Chloroethane	FB	Ave	7408 323368	33362 681845	66215		161806	1.00 50.0	5.00 100	10.0		25.0
Dichlorofluoromethane	FB	Ave	12751 735183	53455 1525423	128862		322082	1.00 50.0	5.00 100	10.0		25.0
Trichlorofluoromethane	FB	Ave	12266 768968	66494 1577059	141550		360405	1.00 50.0	5.00 100	10.0		25.0
Ethyl ether	FB	Ave	6472 364672	34107 738582	70312		176051	1.00 50.0	5.00 100	10.0		25.0
Acrolein	FB	Ave	5865 268798	26470 559764	52311		134757	5.00 250	25.0 500	50.0		125
1,1-Dichloroethene	FB	Ave	10315 579814	54415 1160112	113072		281969	1.00 50.0	5.00 100	10.0		25.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	8337 462953	40925 961217	94265		223799	1.00 50.0	5.00 100	10.0		25.0
Acetone	FB	Ave	15864 847379	77597 1690025	162997		411888	5.00 250	25.0 500	50.0		125
Iodomethane	FB	Ave	10667 582551	56010 1325218	123310		290988	1.00 50.0	5.00 100	10.0		25.0
Carbon disulfide	FB	Ave	30095 1753954	149287 3584213	333952		838017	1.00 50.0	5.00 100	10.0		25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Allyl chloride	FB	Ave	10775 530767	52227 1188026	111198		262066	1.00 50.0	5.00 100	10.0		25.0
Methyl acetate	FB	Ave	37904 2127282	197033 4142259	412060		1036001	5.00 250	25.0 500	50.0		125
Methylene Chloride	FB	Ave	12811 539198	54483 1089924	110739		271055	1.00 50.0	5.00 100	10.0		25.0
2-Methyl-2-propanol	FB	Ave	12475 725042	60970 1483188	141377		361321	10.0 500	50.0 1000	100		250
Methyl tert-butyl ether	FB	Ave	25661 1450627	137902 2922429	281714		710828	1.00 50.0	5.00 100	10.0		25.0
trans-1,2-Dichloroethene	FB	Ave	8273 447079	42902 929409	90491		228071	1.00 50.0	5.00 100	10.0		25.0
Acrylonitrile	FB	Ave	34481 1886436	178169 3684127	381476	15907	937316	10.0 500	50.0 1000	100	5.00	250
Hexane	FB	Ave	11631 605977	59351 1220412	116495		296519	1.00 50.0	5.00 100	10.0		25.0
1,1-Dichloroethane	FB	Ave	13500 739697	71100 1558712	148327		369554	1.00 50.0	5.00 100	10.0		25.0
Vinyl acetate	FB	Ave	17403 1222438	101677 2508079	215715		581580	2.00 100	10.0 200	20.0		50.0
2,2-Dichloropropane	FB	Ave	4768 268576	26690 537236	53885		133400	1.00 50.0	5.00 100	10.0		25.0
cis-1,2-Dichloroethene	FB	Ave	7463 432116	41350 865456	84015		214612	1.00 50.0	5.00 100	10.0		25.0
2-Butanone (MEK)	FB	Ave	21483 1280941	111873 2554902	246243		619335	5.00 250	25.0 500	50.0		125
Chlorobromomethane	FB	Ave	3608 206035	19544 425633	39151		98910	1.00 50.0	5.00 100	10.0		25.0
Tetrahydrofuran	FB	Ave	7303 340504	31197 679851	63399		166657	2.00 100	10.0 200	20.0		50.0
Chloroform	FB	Ave	8945 472350	45094 969016	92679		230310	1.00 50.0	5.00 100	10.0		25.0
1,1,1-Trichloroethane	FB	Ave	7859 461071	42720 978442	91714		222493	1.00 50.0	5.00 100	10.0		25.0
Cyclohexane	FB	Ave	14682 821257	77438 1653538	159670		393337	1.00 50.0	5.00 100	10.0		25.0
Carbon tetrachloride	FB	Ave	7059 505255	42841 1143335	92674		244541	1.00 50.0	5.00 100	10.0		25.0
1,1-Dichloropropene	FB	Ave	10009 563614	52327 1141923	110377		277847	1.00 50.0	5.00 100	10.0		25.0
Isobutyl alcohol	FB	Ave	8811 735294	57882 1452241	132815		353985	25.0 1250	125 2500	250		625

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzene	FB	Ave	31744 1665867	165047 3298000	333259		820808	1.00 50.0	5.00 100	10.0		25.0
1,2-Dichloroethane	FB	Ave	11674 649340	62412 1331910	126130		323450	1.00 50.0	5.00 100	10.0		25.0
n-Heptane	FB	Ave	11022 605846	59409 1227111	118710		296050	1.00 50.0	5.00 100	10.0		25.0
Trichloroethene	FB	Ave	7367 422116	40422 841384	83709		202818	1.00 50.0	5.00 100	10.0		25.0
Methylcyclohexane	FB	Ave	12853 742494	70776 1513877	149378		357746	1.00 50.0	5.00 100	10.0		25.0
1,2-Dichloropropane	FB	Ave	7243 411386	37875 839570	80181		204971	1.00 50.0	5.00 100	10.0		25.0
Dibromomethane	FB	Ave	4536 261667	23266 532021	49217		126823	1.00 50.0	5.00 100	10.0		25.0
1,4-Dioxane	CBZ	Ave	1713 128323	10979 245180	25158		60418	20.0 1000	100 2000	200		500
Bromodichloromethane	FB	Ave	7941 554924	44725 1188728	94745		256791	1.00 50.0	5.00 100	10.0		25.0
2-Chloroethyl vinyl ether	FB	Ave	4396 320632	27415 675575	58832		157571	1.00 50.0	5.00 100	10.0		25.0
cis-1,3-Dichloropropene	FB	Ave	10707 696314	58959 1466980	128393		333464	1.00 50.0	5.00 100	10.0		25.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	42642 2510465	231942 4826758	488205		1242342	5.00 250	25.0 500	50.0		125
Toluene	CBZ	Ave	19025 1068672	101762 2162625	209823		519483	1.00 50.0	5.00 100	10.0		25.0
trans-1,3-Dichloropropene	CBZ	Ave	8845 647621	49718 1362869	115375		305120	1.00 50.0	5.00 100	10.0		25.0
Ethyl methacrylate	CBZ	Ave	10090 664952	53793 1372436	118445		314004	1.00 50.0	5.00 100	10.0		25.0
1,1,2-Trichloroethane	CBZ	Ave	5339 317966	29240 654833	62370		156471	1.00 50.0	5.00 100	10.0		25.0
Tetrachloroethene	CBZ	Ave	7690 403210	38342 826715	79770		195907	1.00 50.0	5.00 100	10.0		25.0
1,3-Dichloropropane	CBZ	Ave	12396 730432	68290 1486280	143446		355016	1.00 50.0	5.00 100	10.0		25.0
2-Hexanone	CBZ	Ave	28226 1827492	161512 3610379	345827		881260	5.00 250	25.0 500	50.0		125
Dibromochloromethane	CBZ	Lin1	4614 385811	26663 834164	59091		167523	1.00 50.0	5.00 100	10.0		25.0
1,2-Dibromoethane	CBZ	Ave	6591 398627	34308 821357	75708		190027	1.00 50.0	5.00 100	10.0		25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBZ	Ave	20115 1133928	107948 2295083	224070		560077	1.00 50.0	5.00 100	10.0		25.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	5451 369629	29446 774241	65489		174475	1.00 50.0	5.00 100	10.0		25.0
Ethylbenzene	CBZ	Ave	36986 2013323	194137 3990154	397152		995019	1.00 50.0	5.00 100	10.0		25.0
m,p-Xylene	CBZ	Ave	14403 803125	75551 1649083	156311		391284	1.00 50.0	5.00 100	10.0		25.0
o-Xylene	CBZ	Ave	13333 774946	74575 1571067	150819		378844	1.00 50.0	5.00 100	10.0		25.0
Styrene	CBZ	Ave	21982 1358132	123013 2768546	258518		657854	1.00 50.0	5.00 100	10.0		25.0
Bromoform	CBZ	Lin	2259 227407	13919 524886	31581		94300	1.00 50.0	5.00 100	10.0		25.0
Isopropylbenzene	DCB	Ave	35240 2034477	195056 4107918	401120		997734	1.00 50.0	5.00 100	10.0		25.0
Bromobenzene	DCB	Ave	8123 462148	43058 959664	89303		227089	1.00 50.0	5.00 100	10.0		25.0
1,1,2,2-Tetrachloroethane	DCB	Ave	8629 533300	47295 1119381	99556		259927	1.00 50.0	5.00 100	10.0		25.0
1,2,3-Trichloropropane	DCB	Ave	3246 184504	16754 380746	35637		89922	1.00 50.0	5.00 100	10.0		25.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2417 190505	14360 403481	31900		86618	1.00 50.0	5.00 100	10.0		25.0
N-Propylbenzene	DCB	Ave	39916 2365382	227580 4688213	469171		1166540	1.00 50.0	5.00 100	10.0		25.0
2-Chlorotoluene	DCB	Ave	8391 456402	43413 942572	88213		224551	1.00 50.0	5.00 100	10.0		25.0
1,3,5-Trimethylbenzene	DCB	Ave	29329 1763725	163265 3609478	341458		856785	1.00 50.0	5.00 100	10.0		25.0
4-Chlorotoluene	DCB	Ave	8610 483449	44638 1007202	93698		236413	1.00 50.0	5.00 100	10.0		25.0
tert-Butylbenzene	DCB	Ave	5929 377307	35461 787644	72111		183402	1.00 50.0	5.00 100	10.0		25.0
1,2,4-Trimethylbenzene	DCB	Ave	29716 1819953	171067 3737318	352925		887010	1.00 50.0	5.00 100	10.0		25.0
sec-Butylbenzene	DCB	Ave	36999 2219483	210262 4517496	435877		1088052	1.00 50.0	5.00 100	10.0		25.0
1,3-Dichlorobenzene	DCB	Ave	16186 905783	86816 1855217	177658		447062	1.00 50.0	5.00 100	10.0		25.0
4-Isopropyltoluene	DCB	Ave	30170 1867080	177529 3817941	369015		916970	1.00 50.0	5.00 100	10.0		25.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1 Analy Batch No.: 204000

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2014 04:27 Calibration End Date: 09/24/2014 06:42 Calibration ID: 20355

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCB	Ave	16974 937364	88146 1962231	180834		461264	1.00 50.0	5.00 100	10.0		25.0
n-Butylbenzene	DCB	Ave	29073 1753541	162547 3645855	337358		846659	1.00 50.0	5.00 100	10.0		25.0
1,2-Dichlorobenzene	DCB	Ave	16389 899310	84983 1889399	177849		438099	1.00 50.0	5.00 100	10.0		25.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1469 107394	7328 255512	16966		46858	1.00 50.0	5.00 100	10.0		25.0
1,2,4-Trichlorobenzene	DCB	Ave	11588 669805	60424 1451736	124542		318156	1.00 50.0	5.00 100	10.0		25.0
Hexachlorobutadiene	DCB	Ave	4937 302342	27590 666383	56380		136923	1.00 50.0	5.00 100	10.0		25.0
Naphthalene	DCB	Ave	23187 1676753	135059 3587969	300845		788066	1.00 50.0	5.00 100	10.0		25.0
1,2,3-Trichlorobenzene	DCB	Ave	10146 592789	51968 1288307	110743		276528	1.00 50.0	5.00 100	10.0		25.0
Dibromofluoromethane (Surr)	FB	Ave	167861 178669	176380 183181	172215	170834	176196	25.0 25.0	25.0 25.0	25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	136299 133144	138544 134461	131816	137169	134574	25.0 25.0	25.0 25.0	25.0	25.0	25.0
Toluene-d8 (Surr)	CBZ	Ave	793436 800061	795152 822647	784431	799136	791751	25.0 25.0	25.0 25.0	25.0	25.0	25.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	212364 220743	217049 229777	210349	214855	212275	25.0 25.0	25.0 25.0	25.0	25.0	25.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34232.D
Lims ID: IC 0.5
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 24-Sep-2014 04:27:30 ALS Bottle#: 7 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 0.5
Misc. Info.: 480-0035654-005480-0035654-005
Operator ID: gtg Instrument ID: HP5973G
Sublist: chrom-G-8260*sub20

Method: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Sep-2014 10:12:33 Calib Date: 24-Sep-2014 09:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34245.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: sobolr Date: 24-Sep-2014 10:12:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	98	163499	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	89	341538	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.955	-0.007	98	285719	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.992	-0.006	93	170834	25.0	24.4	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	137169	25.0	25.4	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	93	799136	25.0	25.0	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	83	214855	25.0	24.8	
10 Dichlorodifluoromethane	85		1.414					ND	
12 Chloromethane	50		1.578					ND	
13 Vinyl chloride	62		1.688					ND	
144 Butadiene	54		1.719					ND	
14 Bromomethane	94		1.999					ND	
15 Chloroethane	64		2.133					ND	
16 Dichlorofluoromethane	67		2.334					ND	
17 Trichlorofluoromethane	101		2.340					ND	
18 Ethyl ether	59		2.615					ND	
19 Acrolein	56		2.773					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.859					ND	
20 1,1-Dichloroethene	96		2.865					ND	
22 Acetone	43		2.932					ND	
23 Iodomethane	142		3.041					ND	
24 Carbon disulfide	76		3.066					ND	
26 3-Chloro-1-propene	41		3.188					ND	
28 Methyl acetate	43		3.230					ND	
29 Methylene Chloride	84		3.383					ND	
30 2-Methyl-2-propanol	59		3.493					ND	
31 Methyl tert-butyl ether	73		3.560					ND	
32 trans-1,2-Dichloroethene	96		3.566					ND	
33 Acrylonitrile	53	3.602	3.590	0.012	97	15907	5.00	4.42	M
34 Hexane	57		3.779					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63		3.974					ND	
38 Vinyl acetate	43		4.029					ND	
42 2,2-Dichloropropane	77		4.498					ND	
43 cis-1,2-Dichloroethene	96		4.529					ND	
44 2-Butanone (MEK)	43		4.553					ND	
48 Chlorobromomethane	128		4.761					ND	
49 Tetrahydrofuran	42		4.797					ND	
50 Chloroform	85		4.834					ND	
51 1,1,1-Trichloroethane	97		4.962					ND	
52 Cyclohexane	56		4.986					ND	
53 Carbon tetrachloride	117		5.108					ND	
54 1,1-Dichloropropene	75		5.120					ND	
55 Isobutyl alcohol	43		5.303					ND	
56 Benzene	78		5.315					ND	
57 1,2-Dichloroethane	62		5.370					ND	
59 n-Heptane	43		5.517					ND	
61 Trichloroethene	95		5.931					ND	
62 Methylcyclohexane	83		6.065					ND	
63 1,2-Dichloropropane	63		6.157					ND	
65 Dibromomethane	93		6.291					ND	
66 1,4-Dioxane	88		6.309					ND	
67 Dichlorobromomethane	83		6.443					ND	
70 2-Chloroethyl vinyl ether	63		6.718					ND	
72 cis-1,3-Dichloropropene	75		6.864					ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998					ND	
74 Toluene	92		7.163					ND	
76 trans-1,3-Dichloropropene	75		7.425					ND	
78 Ethyl methacrylate	69		7.480					ND	
79 1,1,2-Trichloroethane	83		7.614					ND	
80 Tetrachloroethene	166		7.705					ND	
81 1,3-Dichloropropane	76		7.772					ND	
82 2-Hexanone	43		7.839					ND	
83 Chlorodibromomethane	129		8.016					ND	
84 Ethylene Dibromide	107		8.120					ND	
86 Chlorobenzene	112		8.607					ND	
88 1,1,1,2-Tetrachloroethane	131		8.699					ND	
89 Ethylbenzene	91		8.705					ND	
90 m-Xylene & p-Xylene	106		8.827					ND	
91 o-Xylene	106		9.254					ND	
92 Styrene	104		9.278					ND	
93 Bromoform	173		9.516					ND	
95 Isopropylbenzene	105		9.632					ND	
97 Bromobenzene	156		9.973					ND	
98 1,1,2,2-Tetrachloroethane	83		10.004					ND	
99 1,2,3-Trichloropropane	110		10.040					ND	
100 trans-1,4-Dichloro-2-buten	53		10.052					ND	
101 N-Propylbenzene	91		10.058					ND	
102 2-Chlorotoluene	126		10.156					ND	
104 1,3,5-Trimethylbenzene	105		10.235					ND	
105 4-Chlorotoluene	126		10.266					ND	
106 tert-Butylbenzene	134		10.546					ND	
107 1,2,4-Trimethylbenzene	105		10.601					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105		10.759					ND	
110 1,3-Dichlorobenzene	146		10.887					ND	
111 4-Isopropyltoluene	119		10.894					ND	
113 1,4-Dichlorobenzene	146		10.973					ND	
115 n-Butylbenzene	91		11.278					ND	
116 1,2-Dichlorobenzene	146		11.320					ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040					ND	
119 1,2,4-Trichlorobenzene	180		12.729					ND	
120 Hexachlorobutadiene	225		12.844					ND	
121 Naphthalene	128		12.936					ND	
122 1,2,3-Trichlorobenzene	180		13.143					ND	
S 125 1,2-Dichloroethene, Total	1		30.000					0	
S 126 1,3-Dichloropropene, Total	1		30.000					0	
S 123 Total BTEX	1		30.000					0	
S 124 Xylenes, Total	1		30.000					0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00022	Amount Added:	0.50	Units: uL	
GAS CORP mix_00048	Amount Added:	0.50	Units: uL	
G_8260_IS_00065	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

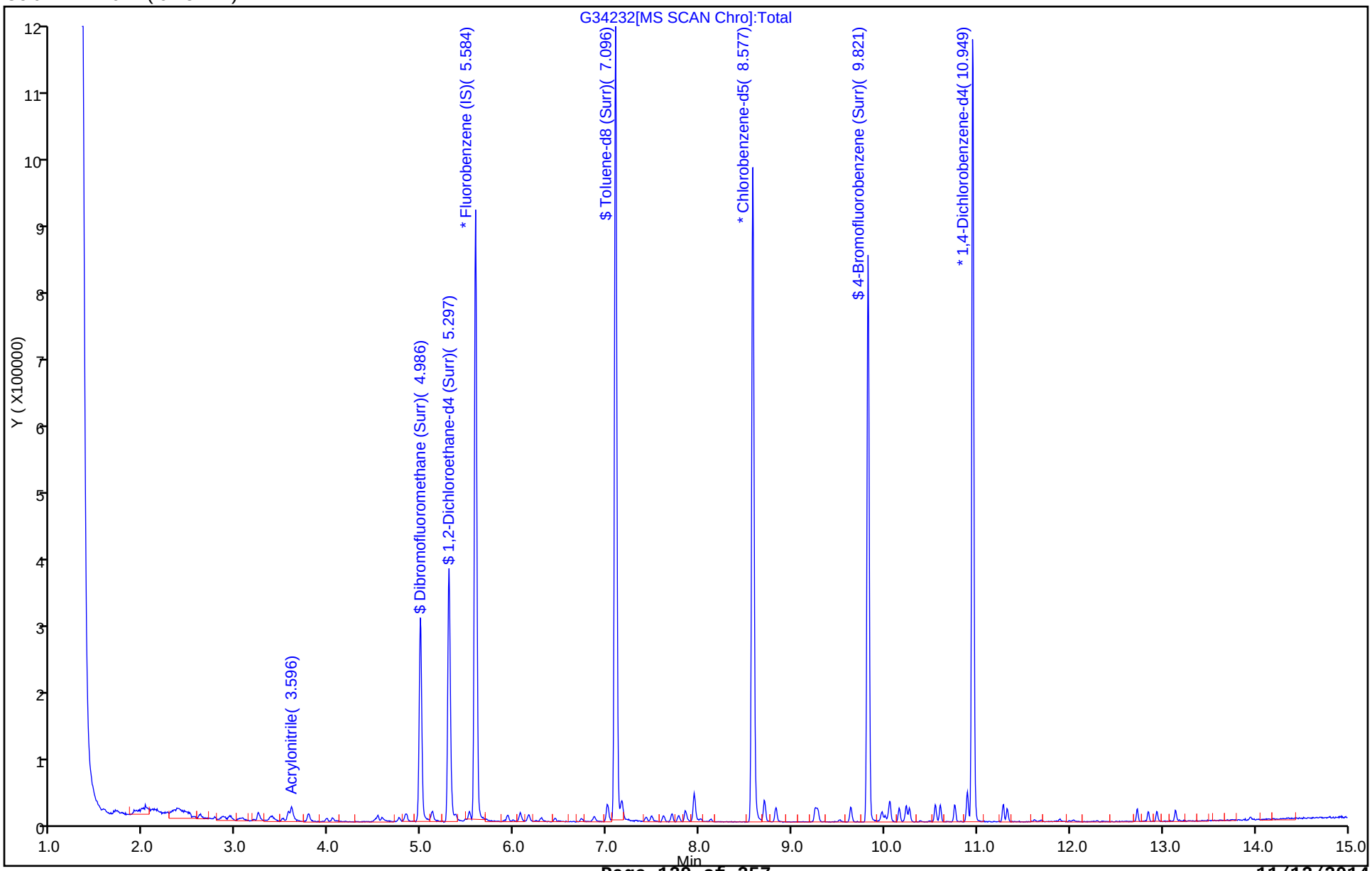
Report Date: 24-Sep-2014 10:12:35 Chrom Revision: 2.2 18-Aug-2014 12:17:36

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34232.D

Injection Date:	24-Sep-2014 04:27:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	IC 0.5			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

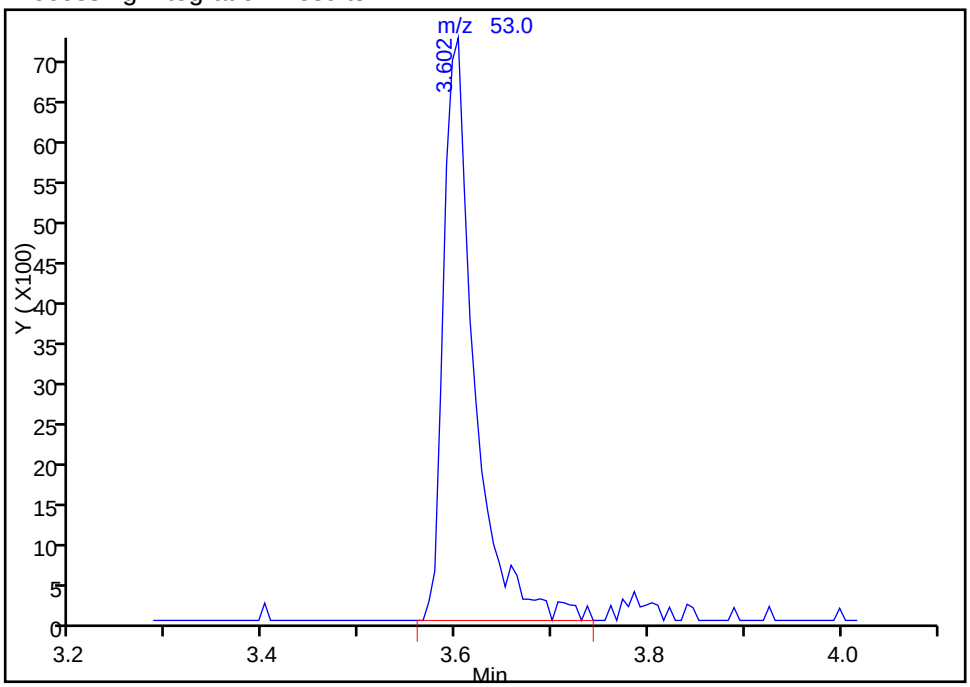
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34232.D
Injection Date: 24-Sep-2014 04:27:30 Instrument ID: HP5973G
Lims ID: IC 0.5
Client ID:
Operator ID: gtg ALS Bottle#: 7 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

33 Acrylonitrile, CAS: 107-13-1

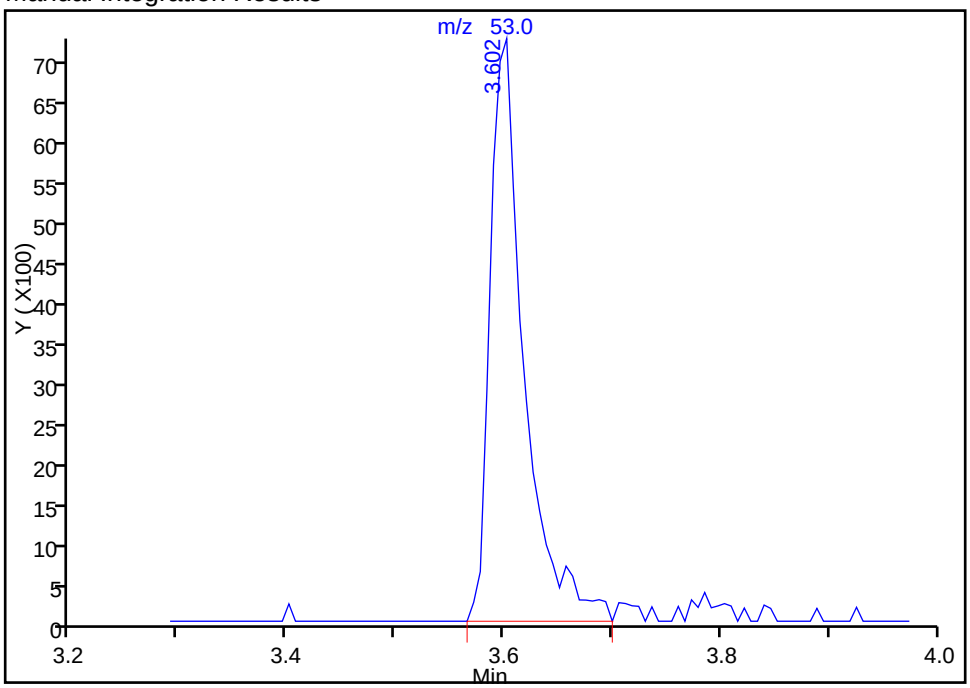
Processing Integration Results

RT: 3.60
Response: 16278
Amount: 4.508451



Manual Integration Results

RT: 3.60
Response: 15907
Amount: 4.418669



Reviewer: sobolr, 24-Sep-2014 09:49:04
Audit Action: Manually Integrated
Audit Reason: Peak Tail

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 24-Sep-2014 04:49:30 ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0035654-006480-0035654-006
Operator ID: gtg Instrument ID: HP5973G
Sublist: chrom-G-8260*sub20

Method: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Sep-2014 10:30:14 Calib Date: 24-Sep-2014 09:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34245.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: sobolr Date: 24-Sep-2014 10:12:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	98	164810	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	89	339109	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.954	10.948	0.006	97	284661	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	93	167861	25.0	23.8	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	136299	25.0	25.0	
$ 5 Toluene-d8 (Surr)	98	7.095	7.096	-0.001	93	793436	25.0	25.0	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	83	212364	25.0	24.7	
10 Dichlorodifluoromethane	85	1.414	1.420	-0.006	96	13950	1.00	0.9830	
12 Chloromethane	50	1.572	1.572	0.000	98	11011	1.00	1.03	
13 Vinyl chloride	62	1.682	1.682	0.000	97	11315	1.00	0.9780	
144 Butadiene	54	1.731	1.719	0.012	79	8724	1.00	0.9365	
14 Bromomethane	94	1.987	1.987	0.000	57	3884	1.00	3.12	
15 Chloroethane	64	2.133	2.139	-0.006	90	7408	1.00	1.09	
16 Dichlorofluoromethane	67	2.334	2.328	0.006	54	12751	1.00	0.9611	M
17 Trichlorofluoromethane	101	2.353	2.353	0.000	76	12266	1.00	0.8574	
18 Ethyl ether	59	2.609	2.609	0.000	89	6472	1.00	0.9172	
19 Acrolein	56	2.773	2.773	0.000	99	5865	5.00	5.34	M
20 1,1-Dichloroethene	96	2.877	2.859	0.018	93	10315	1.00	0.9175	
21 1,1,2-Trichloro-1,2,2-trif	101	2.895	2.877	0.018	52	8337	1.00	0.9240	M
22 Acetone	43	2.932	2.932	0.000	99	15864	5.00	4.82	
23 Iodomethane	142	3.041	3.035	0.006	98	10667	1.00	0.8988	M
24 Carbon disulfide	76	3.066	3.060	0.006	98	30095	1.00	0.9070	M
26 3-Chloro-1-propene	41	3.188	3.188	0.000	87	10775	1.00	0.9832	
28 Methyl acetate	43	3.236	3.230	0.006	98	37904	5.00	4.63	
29 Methylene Chloride	84	3.389	3.377	0.012	92	12811	1.00	1.13	
30 2-Methyl-2-propanol	59	3.505	3.493	0.012	98	12475	10.0	9.00	
31 Methyl tert-butyl ether	73	3.566	3.560	0.006	95	25661	1.00	0.9096	
32 trans-1,2-Dichloroethene	96	3.566	3.566	0.000	49	8273	1.00	0.9255	
33 Acrylonitrile	53	3.602	3.590	0.012	98	34481	10.0	9.50	
34 Hexane	57	3.779	3.779	0.000	94	11631	1.00	0.9714	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.980	3.974	0.006	94	13500	1.00	0.9171	M
38 Vinyl acetate	43	4.035	4.029	0.006	97	17403	2.00	1.57	
42 2,2-Dichloropropane	77	4.498	4.498	0.000	87	4768	1.00	0.8994	
43 cis-1,2-Dichloroethene	96	4.529	4.529	0.000	80	7463	1.00	0.8889	
44 2-Butanone (MEK)	43	4.572	4.559	0.013	99	21483	5.00	4.43	M
48 Chlorobromomethane	128	4.767	4.761	0.006	95	3608	1.00	0.9048	
49 Tetrahydrofuran	42	4.822	4.803	0.019	82	7303	2.00	2.17	M
50 Chloroform	85	4.840	4.834	0.006	94	8945	1.00	0.9590	
51 1,1,1-Trichloroethane	97	4.962	4.962	0.000	64	7859	1.00	0.8758	
52 Cyclohexane	56	4.992	4.986	0.006	45	14682	1.00	0.9225	M
53 Carbon tetrachloride	117	5.108	5.108	0.000	72	7059	1.00	0.7491	
54 1,1-Dichloropropene	75	5.120	5.114	0.006	93	10009	1.00	0.9130	
55 Isobutyl alcohol	43	5.321	5.309	0.012	50	8811	25.0	17.0	
56 Benzene	78	5.315	5.315	0.000	92	31744	1.00	0.9587	
57 1,2-Dichloroethane	62	5.370	5.370	0.000	97	11674	1.00	0.9151	
59 n-Heptane	43	5.517	5.517	0.000	89	11022	1.00	0.9248	
61 Trichloroethene	95	5.931	5.925	0.006	96	7367	1.00	0.8994	
62 Methylcyclohexane	83	6.065	6.065	0.000	89	12853	1.00	0.9094	M
63 1,2-Dichloropropane	63	6.157	6.157	0.000	90	7243	1.00	0.9056	
65 Dibromomethane	93	6.285	6.291	-0.006	91	4536	1.00	0.9092	
66 1,4-Dioxane	88	6.327	6.309	0.018	57	1713	20.0	14.9	
67 Dichlorobromomethane	83	6.443	6.443	0.000	99	7941	1.00	0.7947	
70 2-Chloroethyl vinyl ether	63	6.730	6.718	0.012	93	4396	1.00	0.7438	
72 cis-1,3-Dichloropropene	75	6.864	6.864	0.000	92	10707	1.00	0.8262	
73 4-Methyl-2-pentanone (MIBK	43	7.004	7.004	0.000	96	42642	5.00	4.50	
74 Toluene	92	7.163	7.163	0.000	95	19025	1.00	0.9256	
76 trans-1,3-Dichloropropene	75	7.425	7.425	0.000	94	8845	1.00	0.7733	
78 Ethyl methacrylate	69	7.486	7.480	0.006	89	10090	1.00	0.8434	
79 1,1,2-Trichloroethane	83	7.614	7.608	0.006	93	5339	1.00	0.8813	
80 Tetrachloroethene	166	7.705	7.705	0.000	94	7690	1.00	0.9777	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	92	12396	1.00	0.8906	
82 2-Hexanone	43	7.851	7.839	0.012	96	28226	5.00	4.20	
83 Chlorodibromomethane	129	8.016	8.010	0.006	92	4614	1.00	1.39	
84 Ethylene Dibromide	107	8.126	8.120	0.006	94	6591	1.00	0.8885	
86 Chlorobenzene	112	8.607	8.607	0.000	95	20115	1.00	0.9194	
88 1,1,1,2-Tetrachloroethane	131	8.699	8.699	0.000	41	5451	1.00	0.8233	
89 Ethylbenzene	91	8.705	8.705	0.000	98	36986	1.00	0.9485	
90 m-Xylene & p-Xylene	106	8.827	8.827	0.000	0	14403	1.00	0.9319	
91 o-Xylene	106	9.254	9.254	0.000	96	13333	1.00	0.8979	
92 Styrene	104	9.278	9.278	0.000	94	21982	1.00	0.8645	
93 Bromoform	173	9.516	9.516	0.000	88	2259	1.00	4.09	
95 Isopropylbenzene	105	9.638	9.638	0.000	96	35240	1.00	0.9095	
97 Bromobenzene	156	9.973	9.973	0.000	97	8123	1.00	0.9238	
98 1,1,2,2-Tetrachloroethane	83	10.003	10.004	-0.001	96	8629	1.00	0.8726	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	86	3246	1.00	0.9307	
100 trans-1,4-Dichloro-2-buten	53	10.058	10.052	0.006	62	2417	1.00	0.7460	
101 N-Propylbenzene	91	10.058	10.058	0.000	99	39916	1.00	0.8899	
102 2-Chlorotoluene	126	10.156	10.156	0.000	96	8391	1.00	0.9569	
104 1,3,5-Trimethylbenzene	105	10.235	10.235	0.000	94	29329	1.00	0.8859	
105 4-Chlorotoluene	126	10.266	10.266	0.000	97	8610	1.00	0.9352	
106 tert-Butylbenzene	134	10.546	10.546	0.000	92	5929	1.00	0.8408	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	98	29716	1.00	0.8687	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.759	10.759	0.000	95	36999	1.00	0.8816	
110 1,3-Dichlorobenzene	146	10.887	10.887	0.000	92	16186	1.00	0.9315	
111 4-Isopropyltoluene	119	10.894	10.894	0.000	95	30170	1.00	0.8560	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	92	16974	1.00	0.9447	
115 n-Butylbenzene	91	11.278	11.278	0.000	98	29073	1.00	0.8829	
116 1,2-Dichlorobenzene	146	11.320	11.320	0.000	94	16389	1.00	0.9459	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	64	1469	1.00	0.8019	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	92	11588	1.00	0.9207	
120 Hexachlorobutadiene	225	12.850	12.851	0.000	93	4937	1.00	0.8787	
121 Naphthalene	128	12.936	12.936	0.000	98	23187	1.00	0.7810	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	96	10146	1.00	0.9180	
S 125 1,2-Dichloroethene, Total	1				0			1.81	
S 126 1,3-Dichloropropene, Total	1				0			1.60	
S 123 Total BTEX	1				0			4.66	
S 124 Xylenes, Total	1				0			1.83	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS CORP mix_00048	Amount Added:	1.00	Units: uL	
8260 CORP mix_00022	Amount Added:	1.00	Units: uL	
G_8260_IS_00065	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Sep-2014 10:30:15 Chrom Revision: 2.2 18-Aug-2014 12:17:36

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D

Injection Date:	24-Sep-2014 04:49:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	IC			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)

Manual Integration/User Assign Peak Report

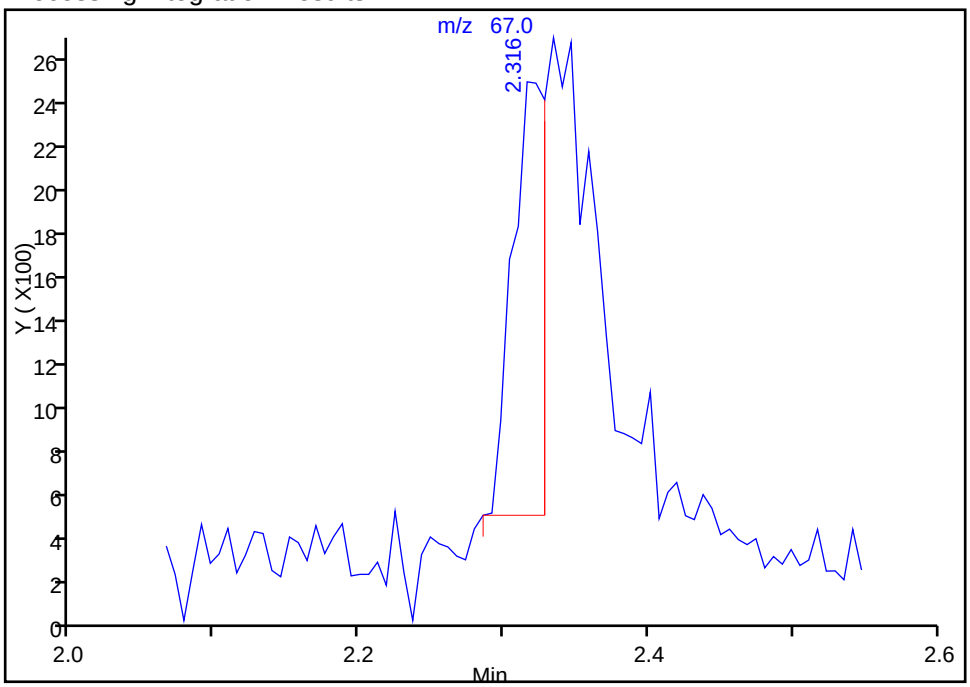
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

16 Dichlorofluoromethane, CAS: 75-43-4

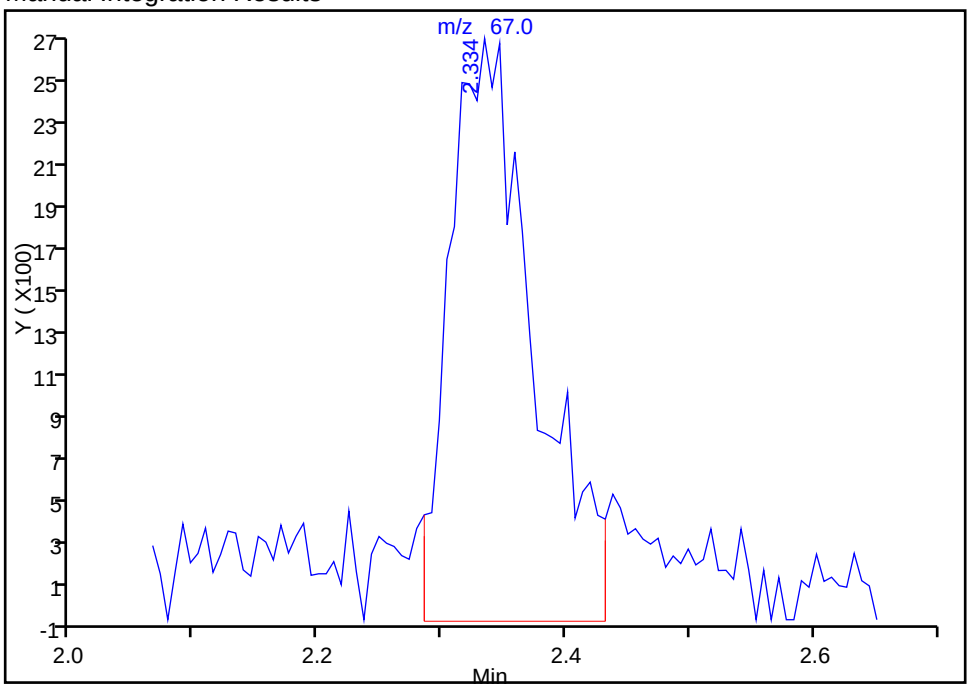
Processing Integration Results

RT: 2.32
Response: 3237
Amount: 1.126406



Manual Integration Results

RT: 2.33
Response: 12751
Amount: 0.961129



Reviewer: sobolr, 24-Sep-2014 09:56:06
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

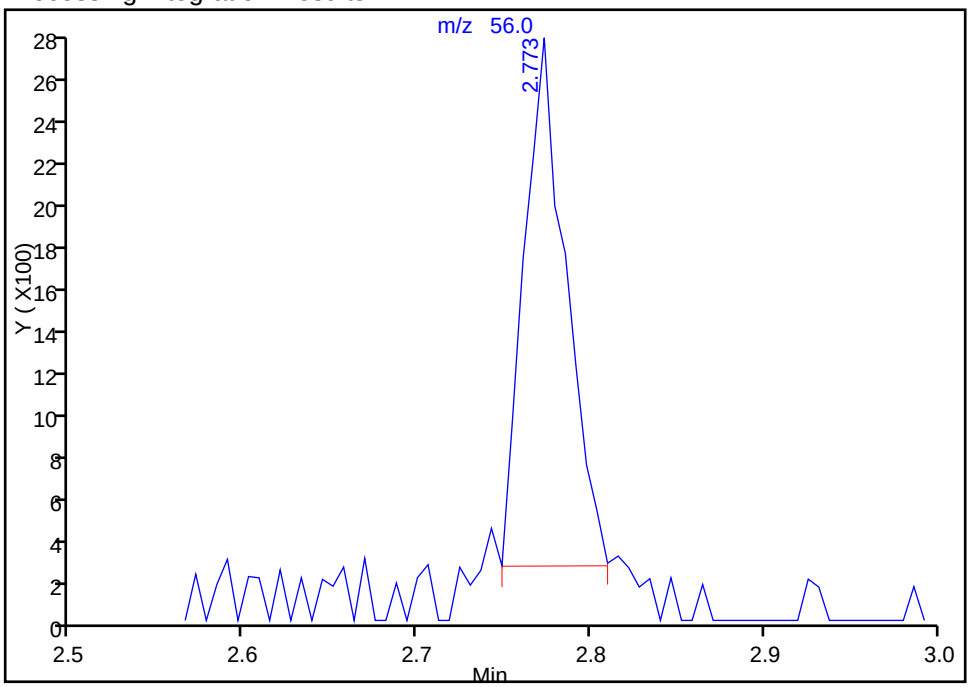
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

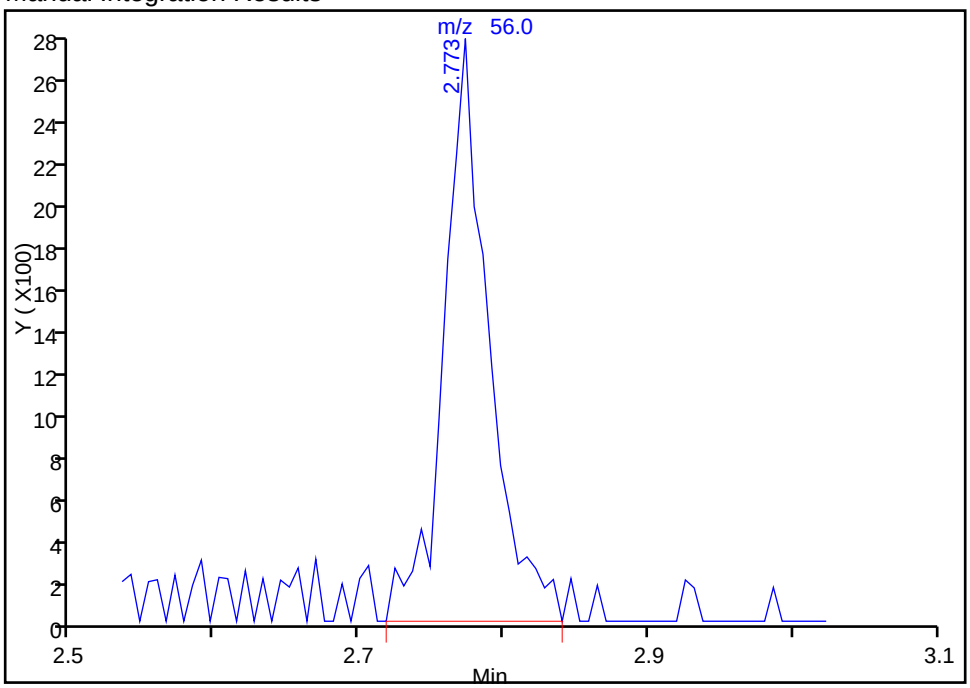
Processing Integration Results

RT: 2.77
Response: 4129
Amount: 3.965127



Manual Integration Results

RT: 2.77
Response: 5865
Amount: 5.335722



Reviewer: sobolr, 24-Sep-2014 09:59:36
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

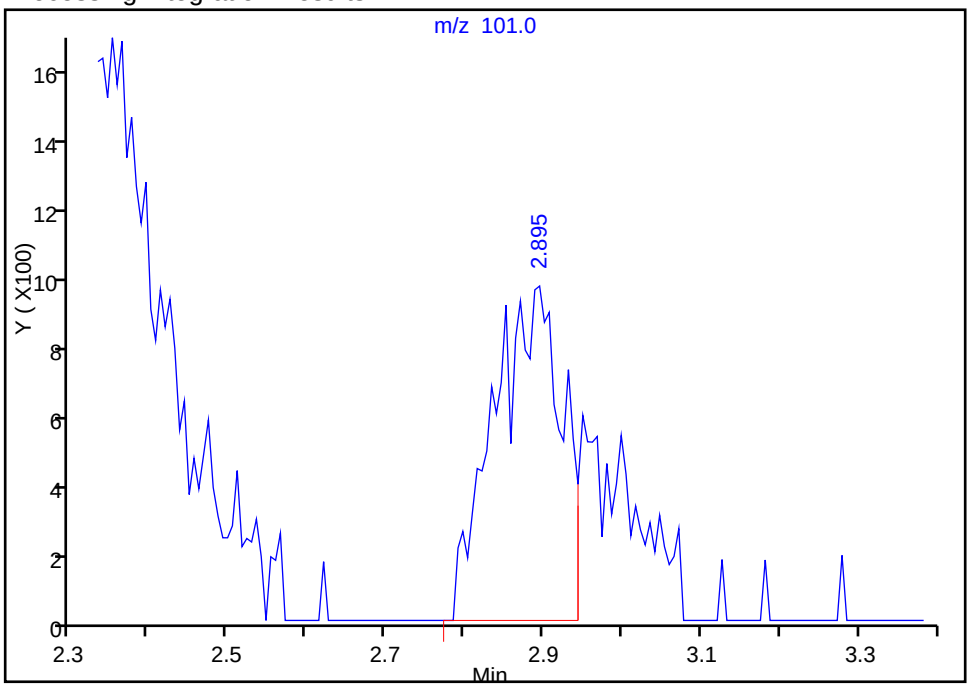
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

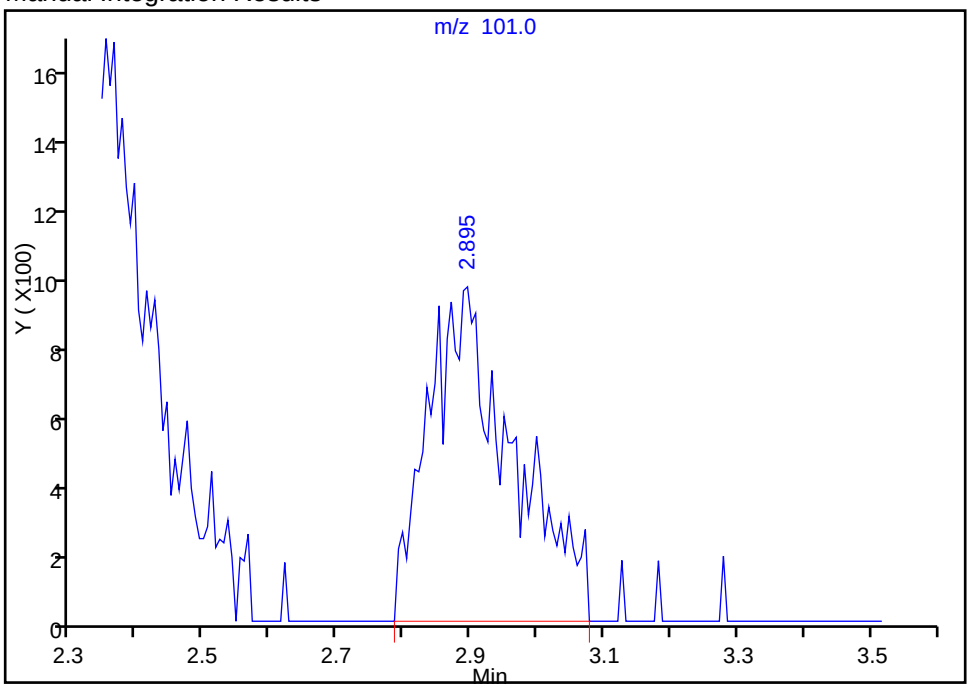
Processing Integration Results

RT: 2.90
Response: 5754
Amount: 0.974686



Manual Integration Results

RT: 2.90
Response: 8337
Amount: 0.924022



Reviewer: sobolr, 24-Sep-2014 09:59:36
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

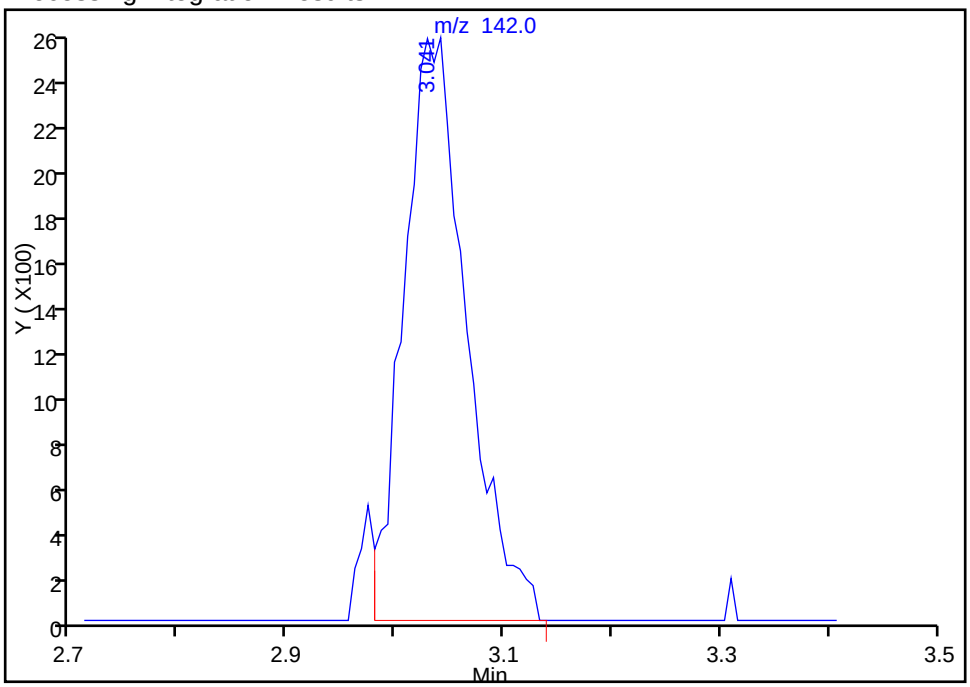
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

23 Iodomethane, CAS: 74-88-4

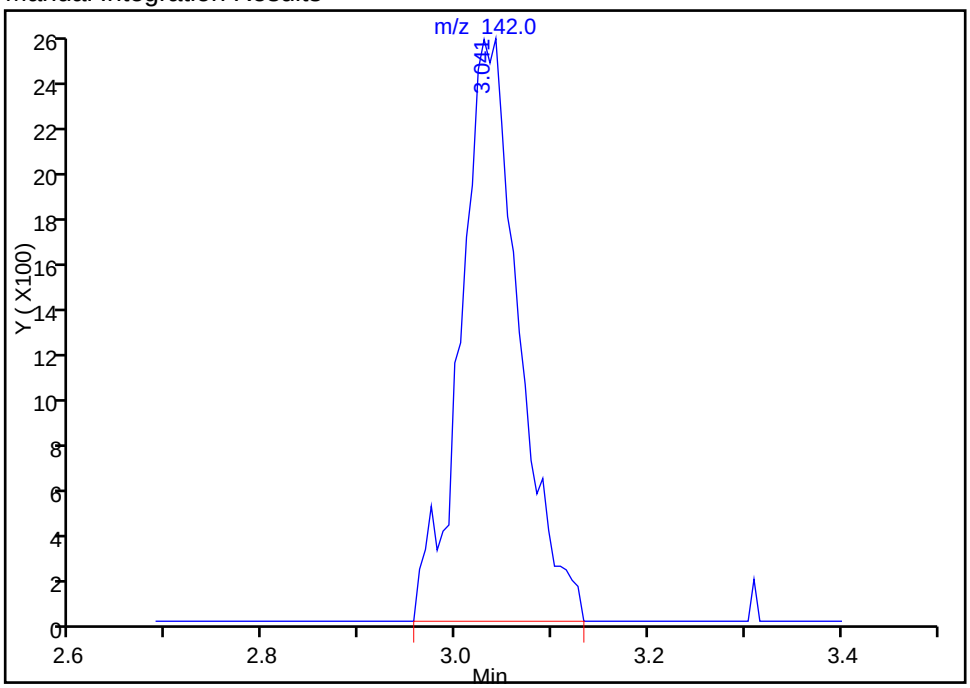
Processing Integration Results

RT: 3.04
Response: 10285
Amount: 0.871259



Manual Integration Results

RT: 3.04
Response: 10667
Amount: 0.898771



Reviewer: sobolr, 24-Sep-2014 09:59:36
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

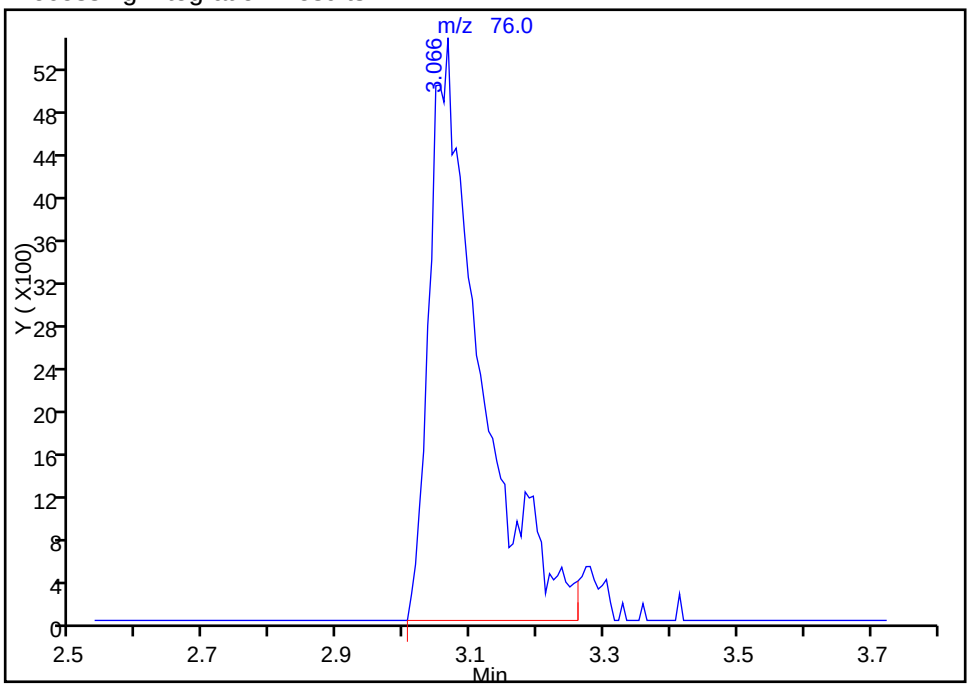
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

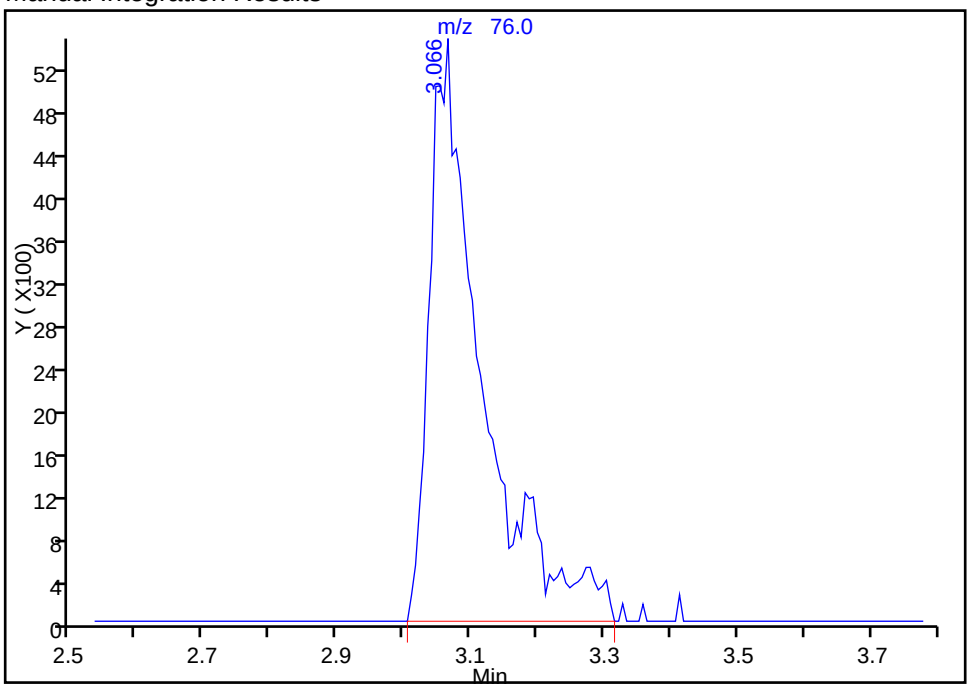
Processing Integration Results

RT: 3.07
Response: 28999
Amount: 0.903391



Manual Integration Results

RT: 3.07
Response: 30095
Amount: 0.907036



Reviewer: sobolr, 24-Sep-2014 09:59:36
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

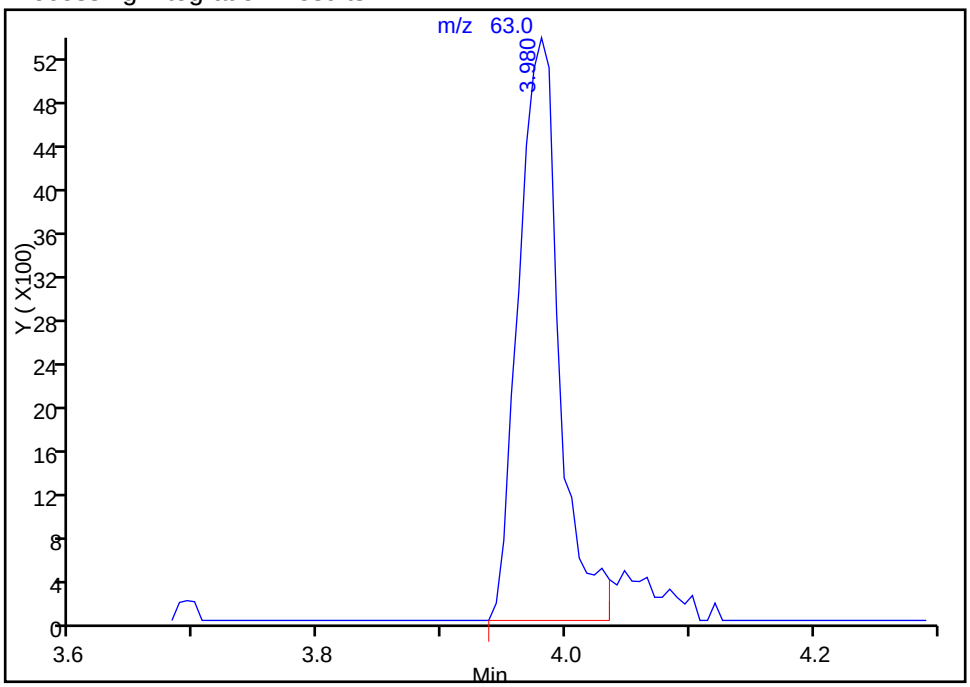
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3

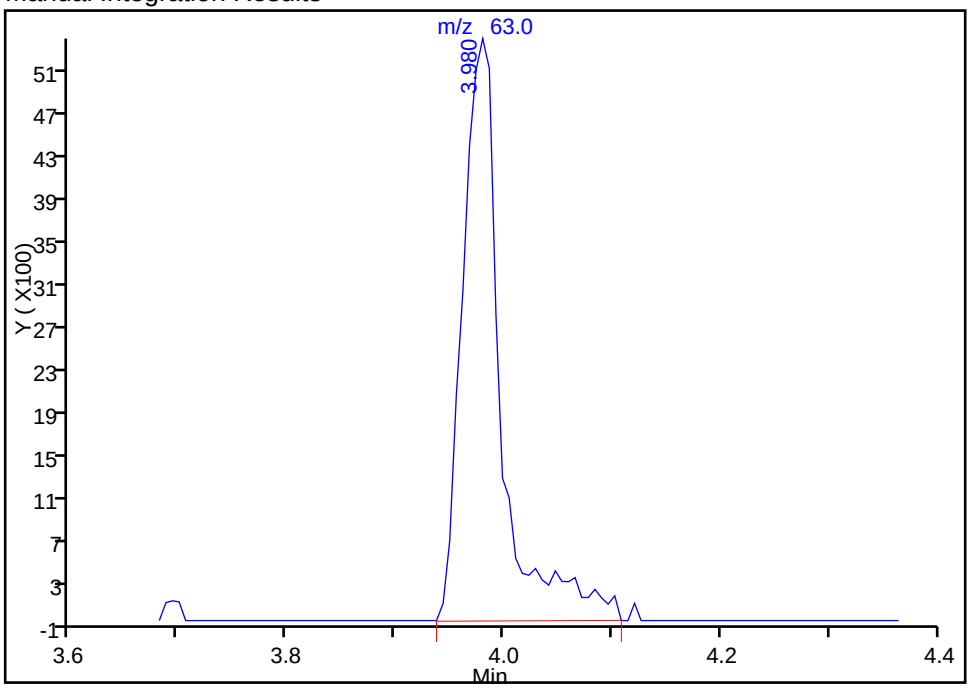
Processing Integration Results

RT: 3.98
Response: 12300
Amount: 0.929167



Manual Integration Results

RT: 3.98
Response: 13500
Amount: 0.917089



Reviewer: sobolr, 24-Sep-2014 10:22:31
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

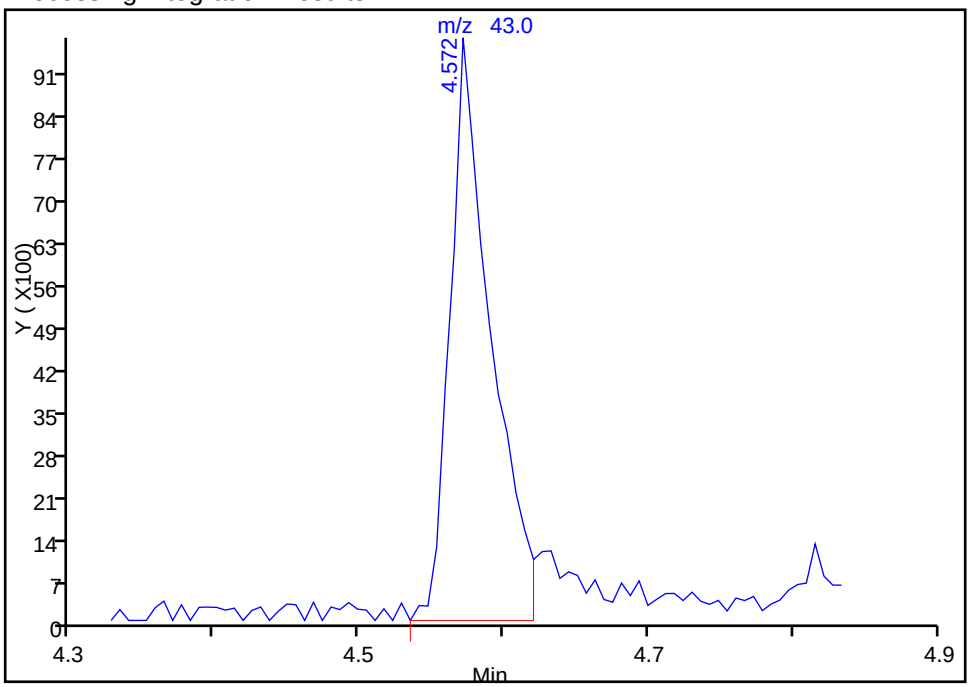
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3

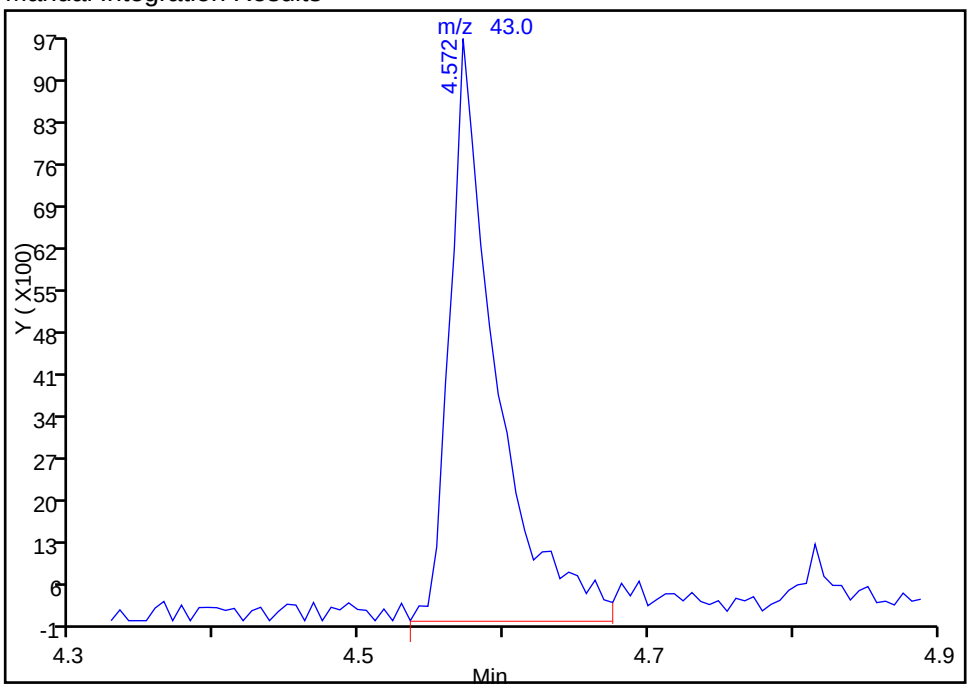
Processing Integration Results

RT: 4.57
Response: 19091
Amount: 4.004840



Manual Integration Results

RT: 4.57
Response: 21483
Amount: 4.432237



Reviewer: sobolr, 24-Sep-2014 09:59:36
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

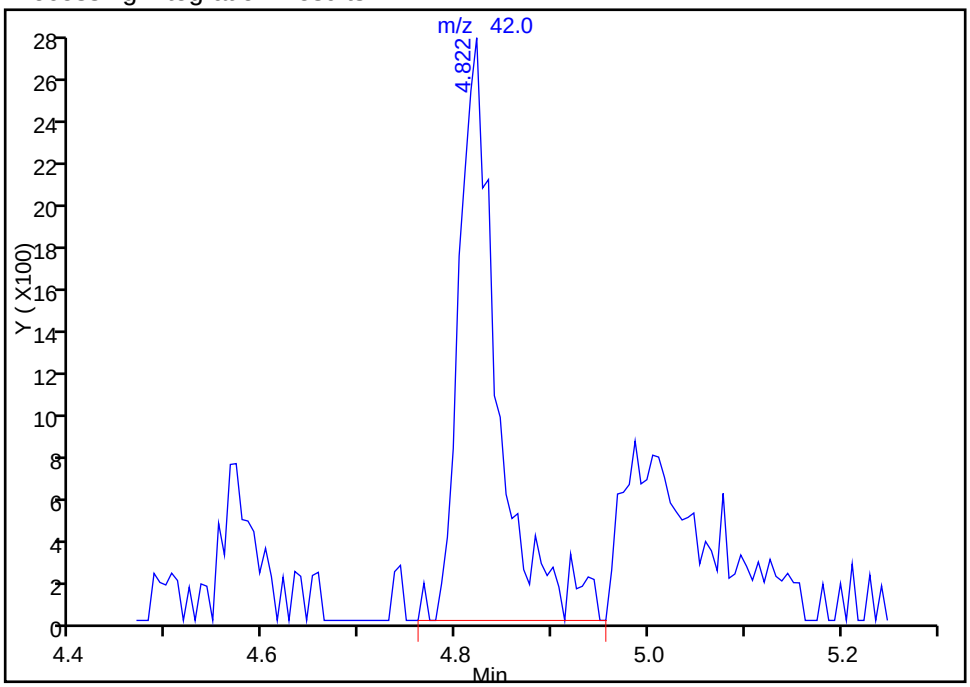
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

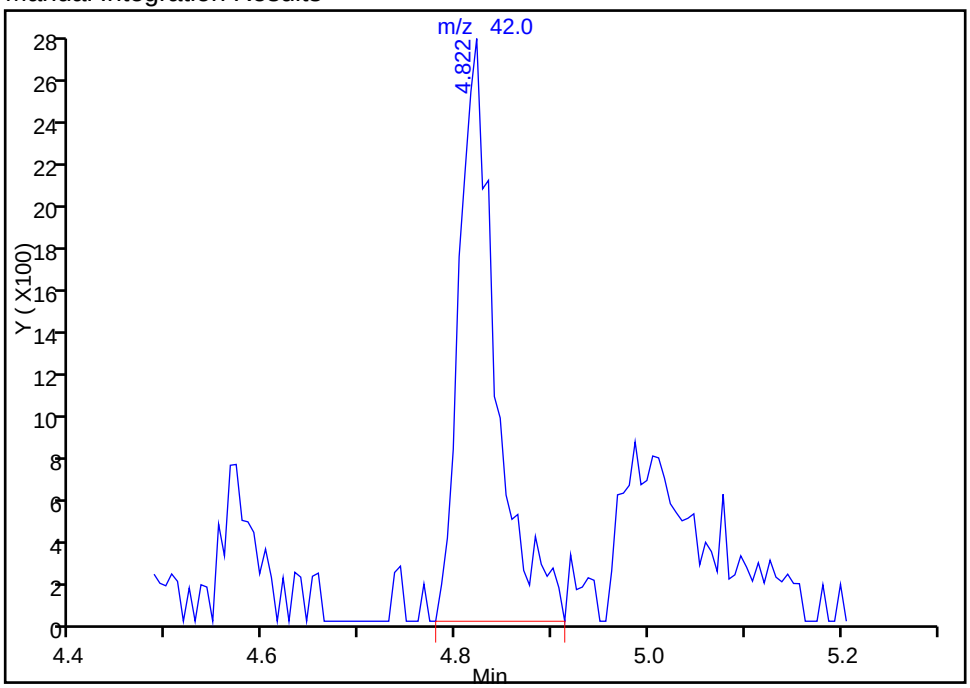
Processing Integration Results

RT: 4.82
Response: 7743
Amount: 2.273853



Manual Integration Results

RT: 4.82
Response: 7303
Amount: 2.167984



Reviewer: sobolr, 24-Sep-2014 09:59:36
Audit Action: Manually Integrated
Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

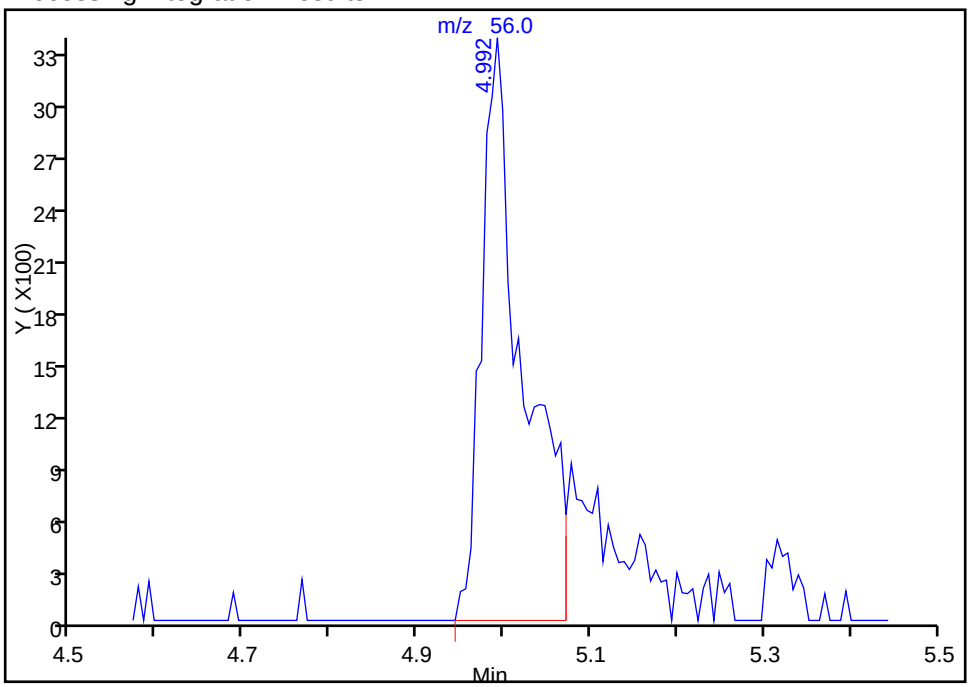
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

52 Cyclohexane, CAS: 110-82-7

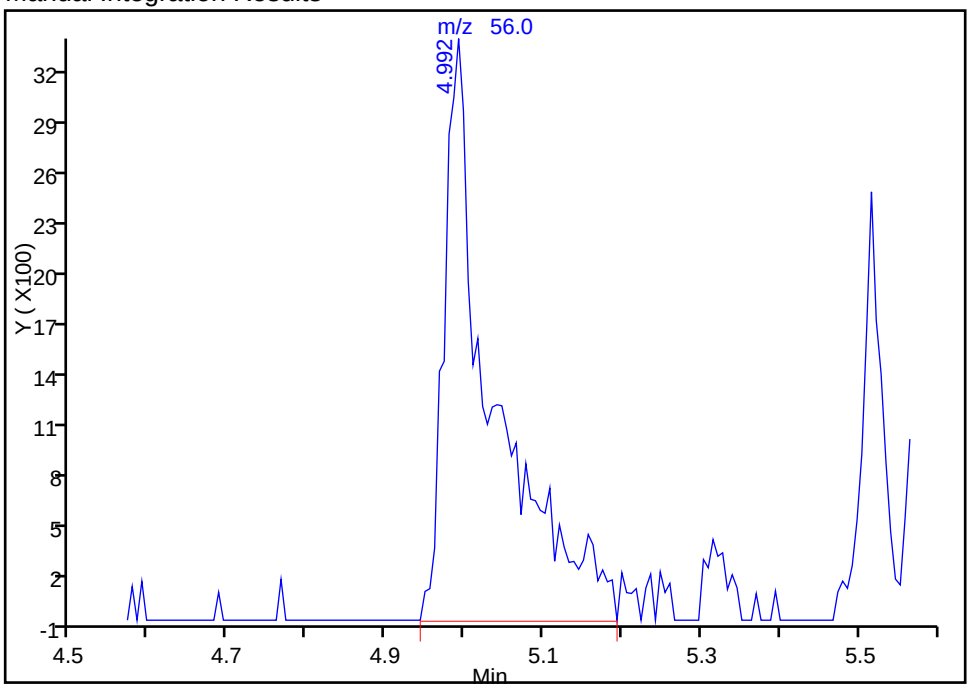
Processing Integration Results

RT: 4.99
Response: 11324
Amount: 1.221823



Manual Integration Results

RT: 4.99
Response: 14682
Amount: 0.922483



Reviewer: sobolr, 24-Sep-2014 09:59:36
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

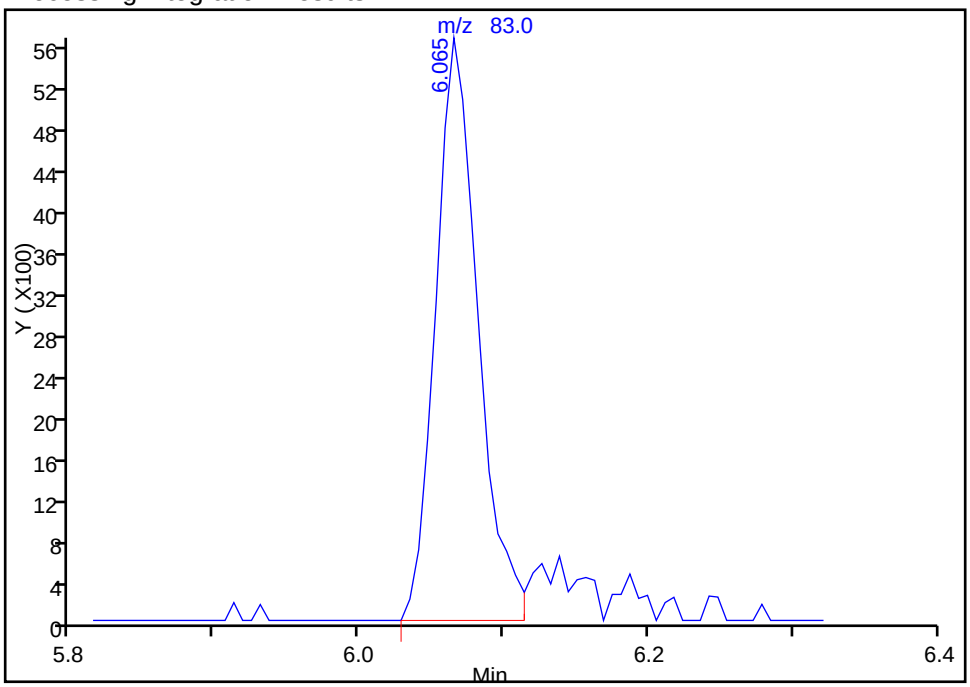
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34233.D
Injection Date: 24-Sep-2014 04:49:30 Instrument ID: HP5973G
Lims ID: IC
Client ID:
Operator ID: gtg ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

62 Methylcyclohexane, CAS: 108-87-2

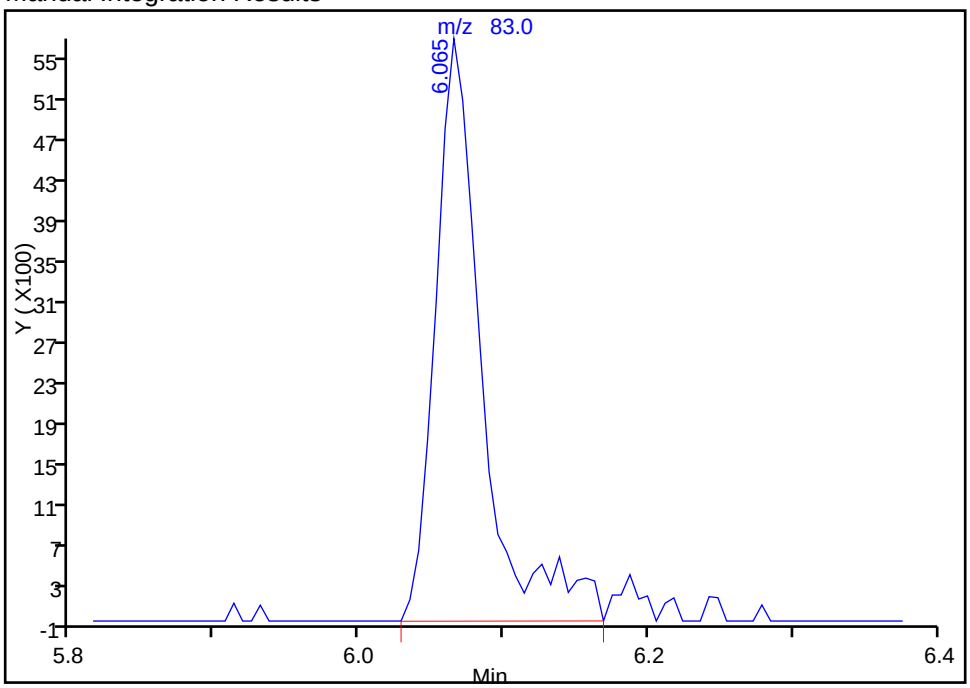
Processing Integration Results

RT: 6.07
Response: 11573
Amount: 0.831376



Manual Integration Results

RT: 6.07
Response: 12853
Amount: 0.909391



Reviewer: sobolr, 24-Sep-2014 10:30:14
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34234.D
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 24-Sep-2014 05:11:30 ALS Bottle#: 9 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0035654-007480-0035654-007
Operator ID: gtg Instrument ID: HP5973G
Sublist: chrom-G-8260*sub20

Method: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Sep-2014 10:30:41 Calib Date: 24-Sep-2014 09:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34245.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: sobolr Date: 24-Sep-2014 10:19:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	98	160188	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	89	343993	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.955	10.948	0.007	97	289376	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	176380	25.0	25.7	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	138544	25.0	26.2	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	93	795152	25.0	24.7	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	83	217049	25.0	24.8	
10 Dichlorodifluoromethane	85	1.414	1.420	-0.006	99	66487	5.00	4.82	
12 Chloromethane	50	1.572	1.572	0.000	99	51429	5.00	4.93	
13 Vinyl chloride	62	1.688	1.682	0.006	98	56239	5.00	5.00	
144 Butadiene	54	1.713	1.719	-0.006	93	42695	5.00	4.72	
14 Bromomethane	94	1.987	1.987	0.000	92	14910	5.00	6.31	M
15 Chloroethane	64	2.127	2.139	-0.012	99	33362	5.00	5.05	
16 Dichlorofluoromethane	67	2.334	2.328	0.006	94	53455	5.00	4.15	
17 Trichlorofluoromethane	101	2.341	2.353	-0.012	75	66494	5.00	4.78	
18 Ethyl ether	59	2.609	2.609	0.000	90	34107	5.00	4.97	
19 Acrolein	56	2.767	2.773	-0.006	99	26470	25.0	24.8	
20 1,1-Dichloroethene	96	2.865	2.859	0.006	97	54415	5.00	4.98	
21 1,1,2-Trichloro-1,2,2-trif	101	2.877	2.877	0.000	51	40925	5.00	4.67	
22 Acetone	43	2.932	2.932	0.000	99	77597	25.0	24.3	
23 Iodomethane	142	3.036	3.035	0.001	99	56010	5.00	4.86	
24 Carbon disulfide	76	3.066	3.060	0.006	99	149287	5.00	4.63	
26 3-Chloro-1-propene	41	3.188	3.188	0.000	86	52227	5.00	4.90	
28 Methyl acetate	43	3.237	3.230	0.007	97	197033	25.0	24.8	
29 Methylene Chloride	84	3.383	3.377	0.006	90	54483	5.00	4.96	
30 2-Methyl-2-propanol	59	3.493	3.493	0.000	99	60970	50.0	45.3	
31 Methyl tert-butyl ether	73	3.560	3.560	0.000	95	137902	5.00	5.03	
32 trans-1,2-Dichloroethene	96	3.566	3.566	0.000	98	42902	5.00	4.94	
33 Acrylonitrile	53	3.590	3.590	0.000	99	178169	50.0	50.5	
34 Hexane	57	3.779	3.779	0.000	93	59351	5.00	5.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.974	3.974	0.000	97	71100	5.00	4.97	M
38 Vinyl acetate	43	4.029	4.029	0.000	97	101677	10.0	9.44	
42 2,2-Dichloropropane	77	4.505	4.498	0.007	89	26690	5.00	5.18	
43 cis-1,2-Dichloroethene	96	4.529	4.529	0.000	82	41350	5.00	5.07	
44 2-Butanone (MEK)	43	4.560	4.559	0.001	99	111873	25.0	23.7	
48 Chlorobromomethane	128	4.761	4.761	0.000	97	19544	5.00	5.04	
49 Tetrahydrofuran	42	4.803	4.803	0.000	86	31197	10.0	9.53	
50 Chloroform	85	4.834	4.834	0.000	95	45094	5.00	4.97	
51 1,1,1-Trichloroethane	97	4.968	4.962	0.006	97	42720	5.00	4.90	
52 Cyclohexane	56	4.986	4.986	0.000	47	77438	5.00	5.01	M
53 Carbon tetrachloride	117	5.108	5.108	0.000	95	42841	5.00	4.68	
54 1,1-Dichloropropene	75	5.120	5.114	0.006	95	52327	5.00	4.91	
55 Isobutyl alcohol	43	5.309	5.309	0.000	92	57882	125.0	115.2	
56 Benzene	78	5.316	5.315	0.001	95	165047	5.00	5.13	
57 1,2-Dichloroethane	62	5.370	5.370	0.000	99	62412	5.00	5.03	
59 n-Heptane	43	5.517	5.517	0.000	89	59409	5.00	5.13	
61 Trichloroethene	95	5.931	5.925	0.006	96	40422	5.00	5.08	
62 Methylcyclohexane	83	6.065	6.065	0.000	90	70776	5.00	5.03	M
63 1,2-Dichloropropane	63	6.157	6.157	0.000	89	37875	5.00	4.87	
65 Dibromomethane	93	6.291	6.291	0.000	93	23266	5.00	4.80	
66 1,4-Dioxane	88	6.321	6.309	0.012	98	10979	100.0	94.3	
67 Dichlorobromomethane	83	6.443	6.443	0.000	99	44725	5.00	4.60	
70 2-Chloroethyl vinyl ether	63	6.718	6.718	0.000	94	27415	5.00	4.77	
72 cis-1,3-Dichloropropene	75	6.864	6.864	0.000	94	58959	5.00	4.68	
73 4-Methyl-2-pentanone (MIBK	43	7.004	7.004	0.000	96	231942	25.0	24.1	
74 Toluene	92	7.163	7.163	0.000	98	101762	5.00	4.88	
76 trans-1,3-Dichloropropene	75	7.425	7.425	0.000	96	49718	5.00	4.28	
78 Ethyl methacrylate	69	7.480	7.480	0.000	90	53793	5.00	4.43	
79 1,1,2-Trichloroethane	83	7.614	7.608	0.006	94	29240	5.00	4.76	
80 Tetrachloroethene	166	7.705	7.705	0.000	92	38342	5.00	4.81	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	92	68290	5.00	4.84	
82 2-Hexanone	43	7.846	7.839	0.007	96	161512	25.0	23.7	
83 Chlorodibromomethane	129	8.016	8.010	0.006	90	26663	5.00	4.16	
84 Ethylene Dibromide	107	8.126	8.120	0.006	99	34308	5.00	4.56	
86 Chlorobenzene	112	8.608	8.607	0.001	94	107948	5.00	4.86	
88 1,1,1,2-Tetrachloroethane	131	8.699	8.699	0.000	88	29446	5.00	4.38	
89 Ethylbenzene	91	8.705	8.705	0.000	99	194137	5.00	4.91	
90 m-Xylene & p-Xylene	106	8.827	8.827	0.000	0	75551	5.00	4.82	
91 o-Xylene	106	9.254	9.254	0.000	97	74575	5.00	4.95	
92 Styrene	104	9.278	9.278	0.000	95	123013	5.00	4.77	
93 Bromoform	173	9.516	9.516	0.000	92	13919	5.00	6.29	
95 Isopropylbenzene	105	9.638	9.638	0.000	96	195056	5.00	4.95	
97 Bromobenzene	156	9.973	9.973	0.000	97	43058	5.00	4.82	
98 1,1,2,2-Tetrachloroethane	83	10.004	10.004	0.000	96	47295	5.00	4.70	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	87	16754	5.00	4.73	
100 trans-1,4-Dichloro-2-buten	53	10.052	10.052	0.000	71	14360	5.00	4.36	
101 N-Propylbenzene	91	10.059	10.058	0.001	99	227580	5.00	4.99	
102 2-Chlorotoluene	126	10.156	10.156	0.000	95	43413	5.00	4.87	
104 1,3,5-Trimethylbenzene	105	10.235	10.235	0.000	94	163265	5.00	4.85	
105 4-Chlorotoluene	126	10.266	10.266	0.000	98	44638	5.00	4.77	
106 tert-Butylbenzene	134	10.546	10.546	0.000	92	35461	5.00	4.95	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	97	171067	5.00	4.92	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.760	10.759	0.001	95	210262	5.00	4.93	
110 1,3-Dichlorobenzene	146	10.888	10.887	0.001	96	86816	5.00	4.91	
111 4-Isopropyltoluene	119	10.894	10.894	0.000	97	177529	5.00	4.95	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	95	88146	5.00	4.83	
115 n-Butylbenzene	91	11.278	11.278	0.000	98	162547	5.00	4.86	
116 1,2-Dichlorobenzene	146	11.320	11.320	0.000	94	84983	5.00	4.83	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	73	7328	5.00	3.93	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	93	60424	5.00	4.72	
120 Hexachlorobutadiene	225	12.845	12.851	-0.005	97	27590	5.00	4.83	
121 Naphthalene	128	12.936	12.936	0.000	97	135059	5.00	4.47	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	95	51968	5.00	4.63	
S 123 Total BTEX	1				0			24.7	
S 124 Xylenes, Total	1				0			9.77	
S 125 1,2-Dichloroethene, Total	1				0			10.0	
S 126 1,3-Dichloropropene, Total	1				0			8.97	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS CORP mix_00048	Amount Added:	5.00	Units: uL	
8260 CORP mix_00022	Amount Added:	5.00	Units: uL	
G_8260_IS_00065	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

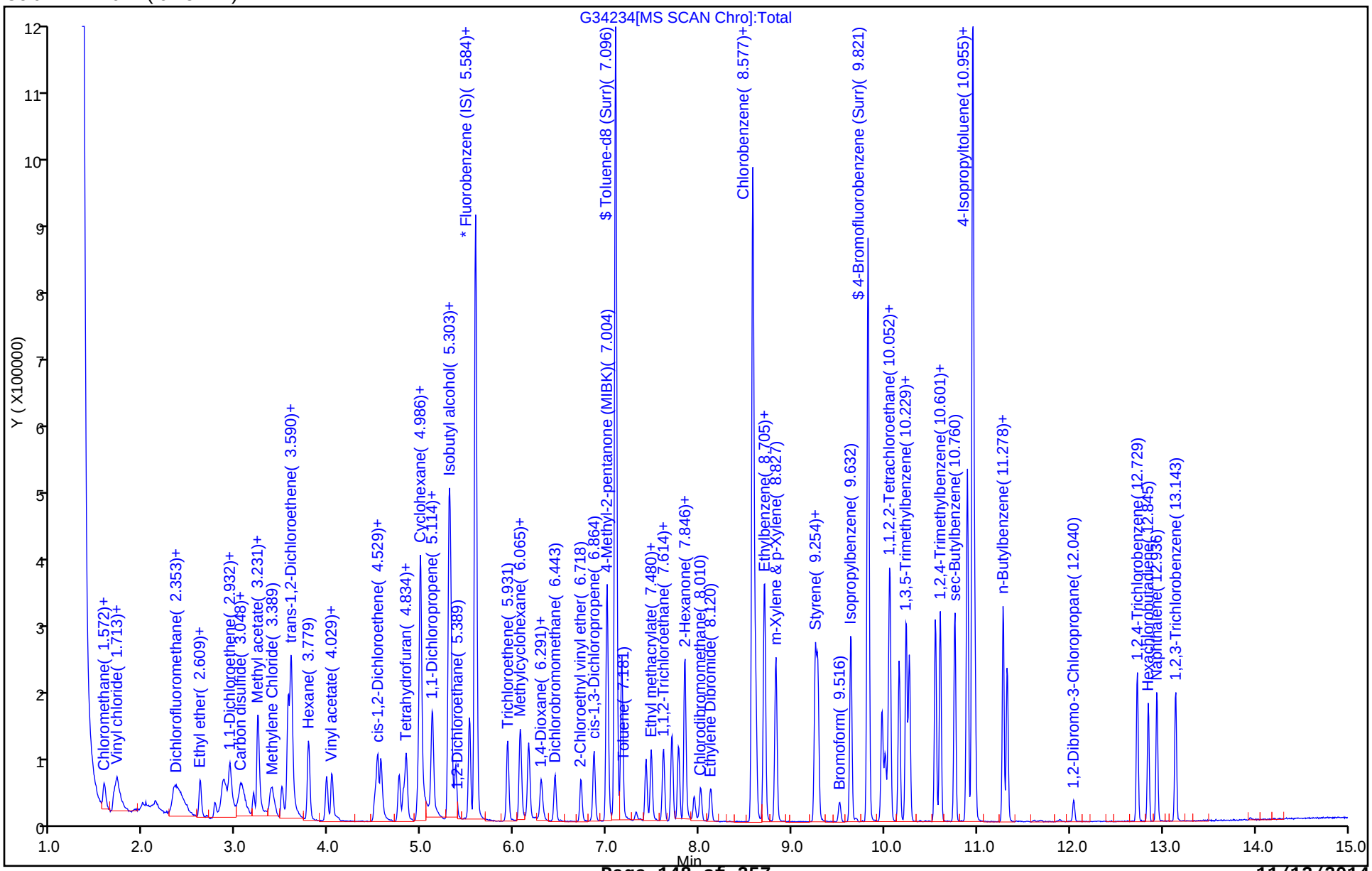
Report Date: 24-Sep-2014 10:30:42 Chrom Revision: 2.2 18-Aug-2014 12:17:36

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34234.D

Injection Date:	24-Sep-2014 05:11:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	IC 2			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

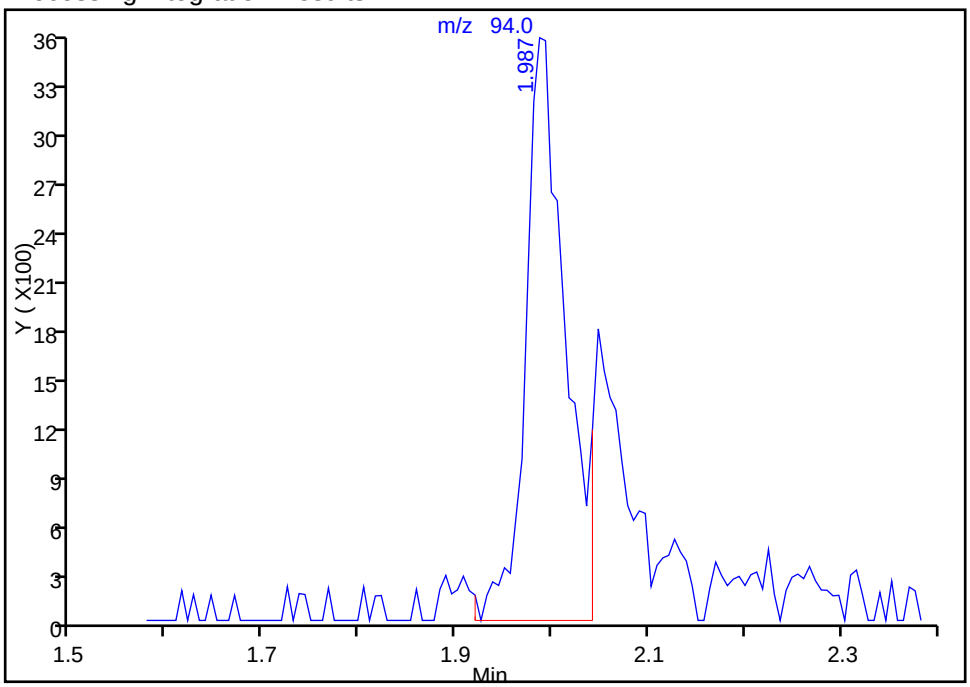
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34234.D
Injection Date: 24-Sep-2014 05:11:30 Instrument ID: HP5973G
Lims ID: IC 2
Client ID:
Operator ID: gtg ALS Bottle#: 9 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

14 Bromomethane, CAS: 74-83-9

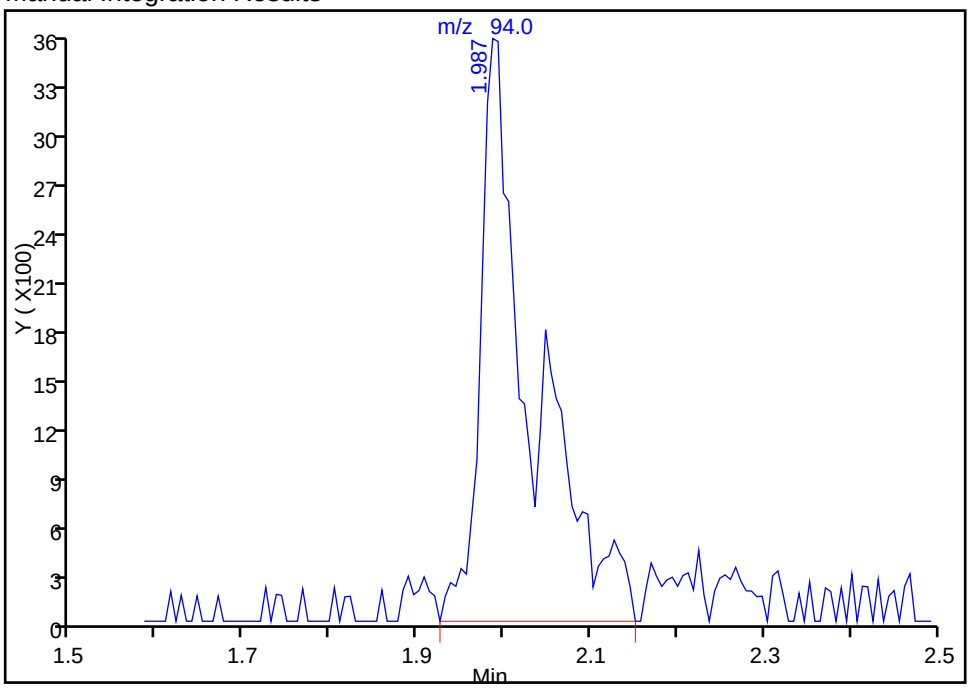
Processing Integration Results

RT: 1.99
Response: 10389
Amount: 3.400561



Manual Integration Results

RT: 1.99
Response: 14910
Amount: 6.310684



Reviewer: sobolr, 24-Sep-2014 10:05:49
Audit Action: Manually Integrated
Audit Reason: Split Peak

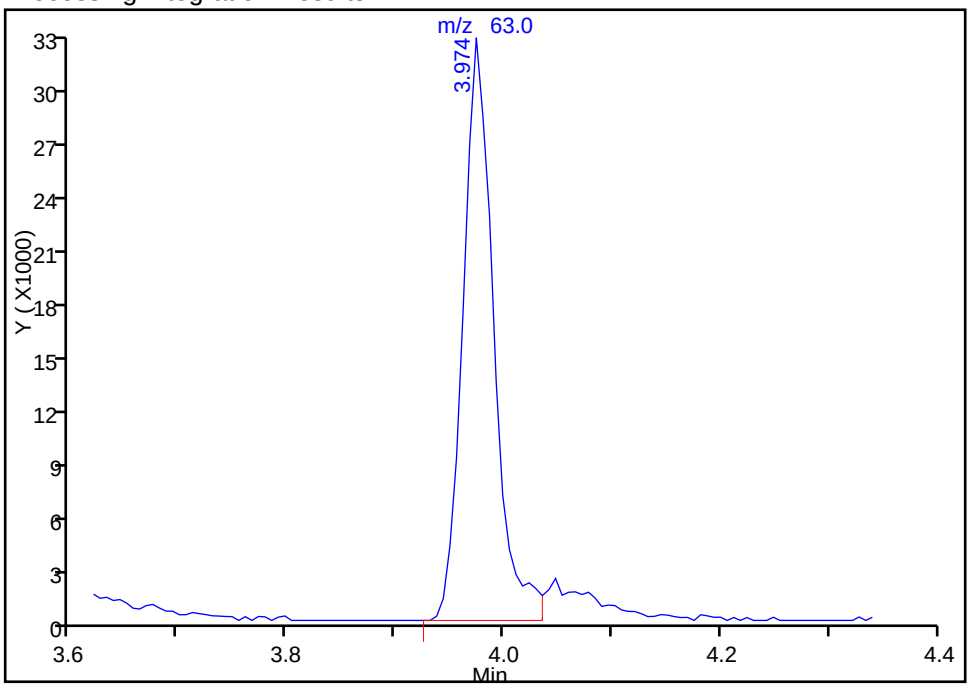
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34234.D
Injection Date: 24-Sep-2014 05:11:30 Instrument ID: HP5973G
Lims ID: IC 2
Client ID:
Operator ID: gtg ALS Bottle#: 9 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3

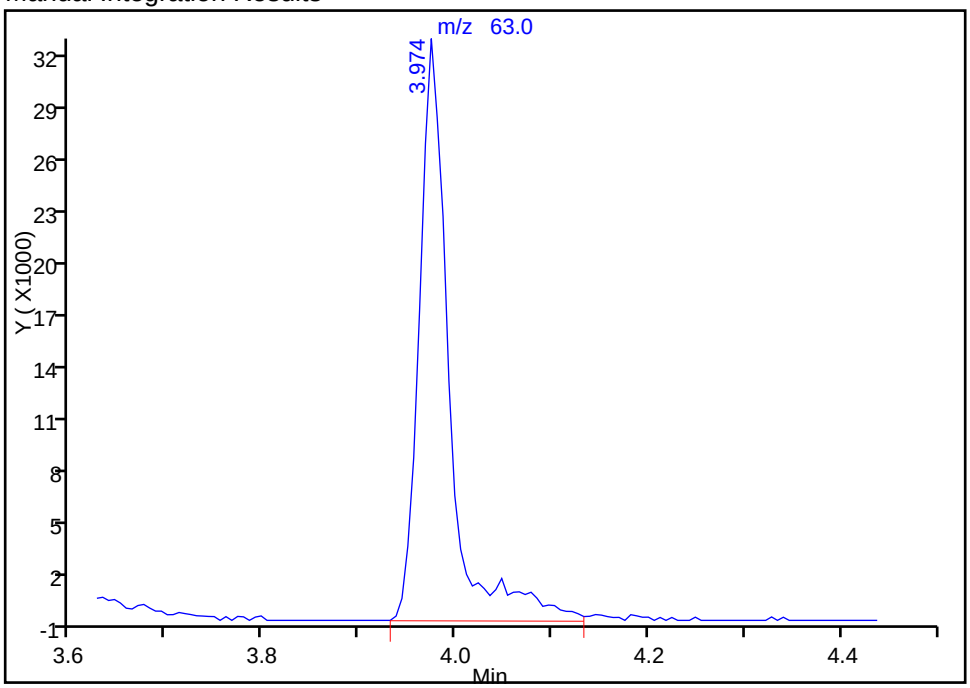
Processing Integration Results

RT: 3.97
Response: 64270
Amount: 5.085153



Manual Integration Results

RT: 3.97
Response: 71100
Amount: 4.969365



Reviewer: sobolr, 24-Sep-2014 10:22:18
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

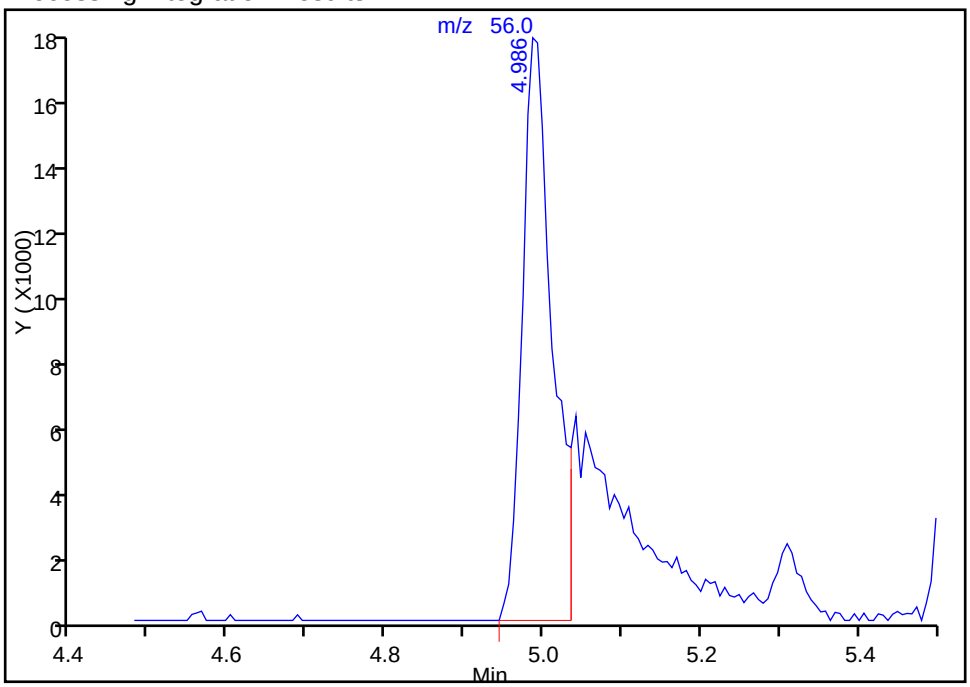
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34234.D
Injection Date: 24-Sep-2014 05:11:30 Instrument ID: HP5973G
Lims ID: IC 2
Client ID:
Operator ID: gtg ALS Bottle#: 9 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

52 Cyclohexane, CAS: 110-82-7

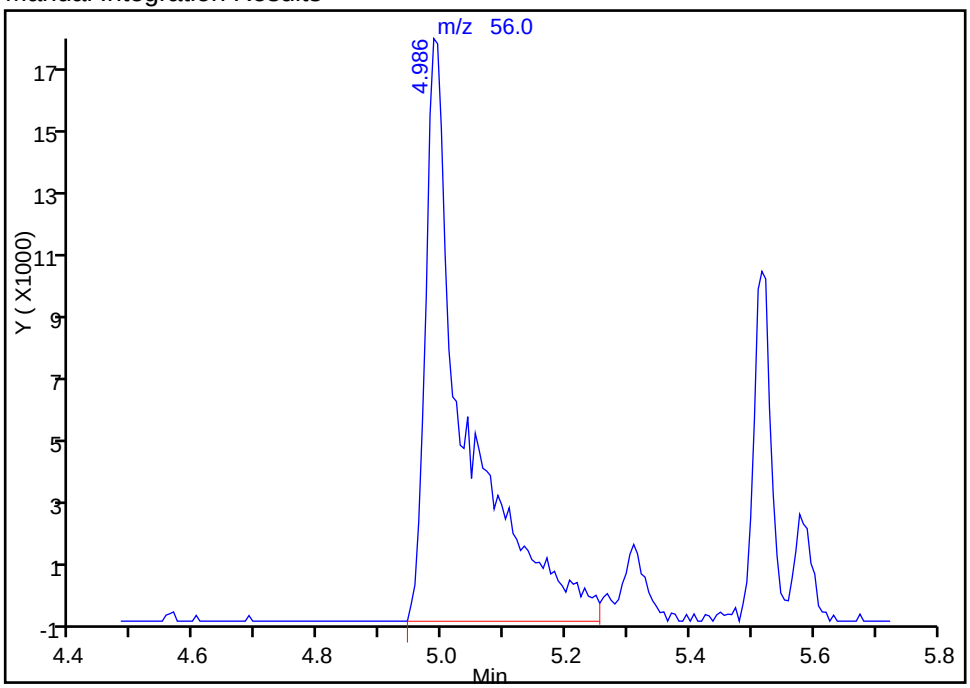
Processing Integration Results

RT: 4.99
Response: 46244
Amount: 3.204803



Manual Integration Results

RT: 4.99
Response: 77438
Amount: 5.005885



Reviewer: sobolr, 24-Sep-2014 10:18:23
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

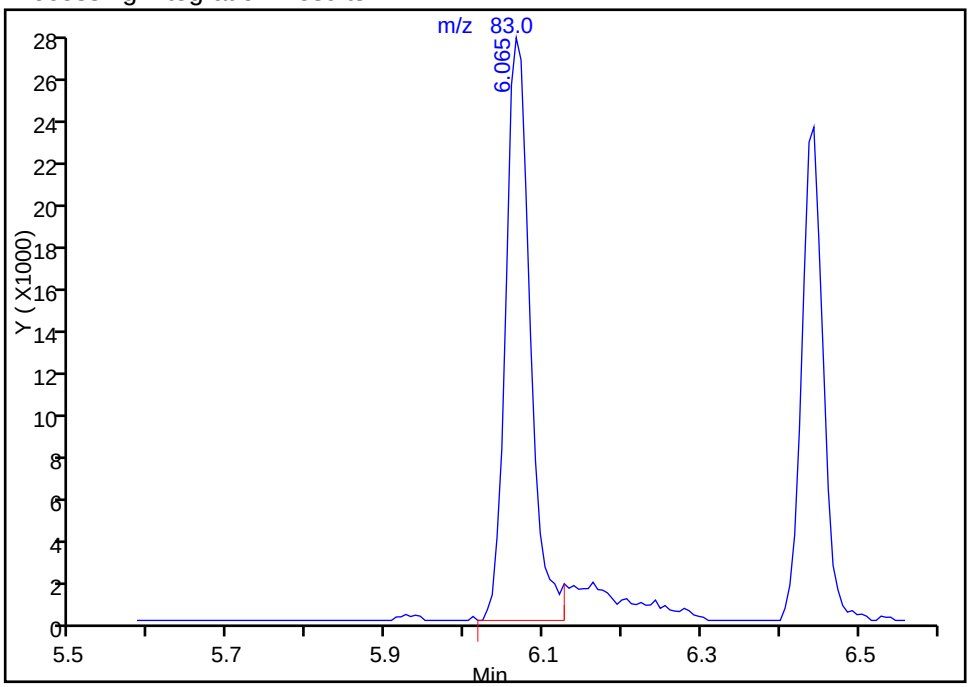
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34234.D
Injection Date: 24-Sep-2014 05:11:30 Instrument ID: HP5973G
Lims ID: IC 2
Client ID:
Operator ID: gtg ALS Bottle#: 9 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

62 Methylcyclohexane, CAS: 108-87-2

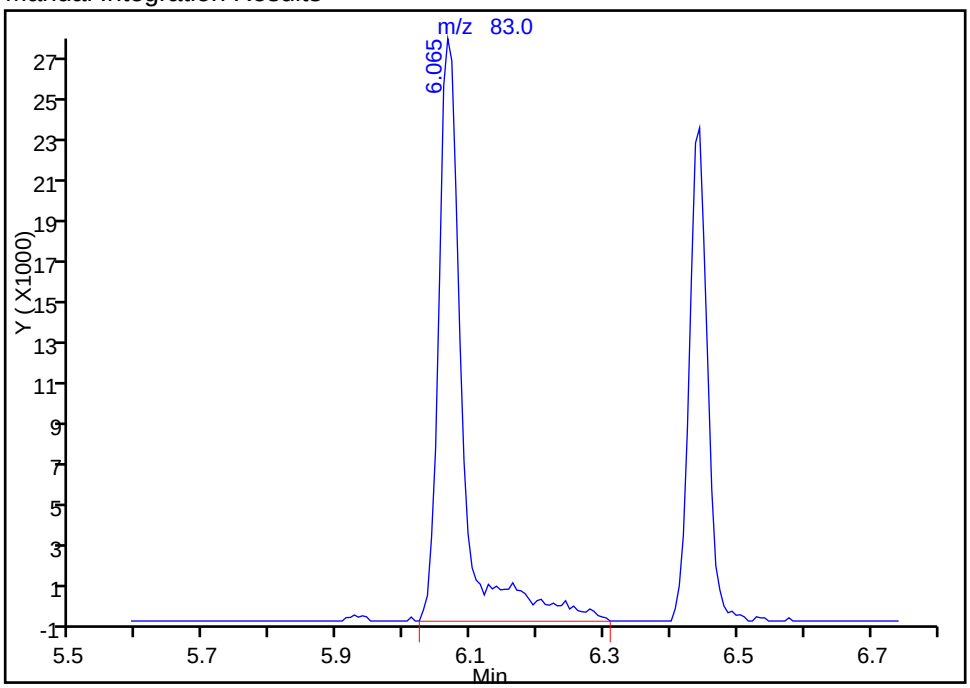
Processing Integration Results

RT: 6.07
Response: 60777
Amount: 4.424245



Manual Integration Results

RT: 6.07
Response: 70776
Amount: 5.030077



Reviewer: sobolr, 24-Sep-2014 10:30:41
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34235.D
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 24-Sep-2014 05:34:30 ALS Bottle#: 10 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0035654-008480-0035654-008
Operator ID: gtg Instrument ID: HP5973G
Sublist: chrom-G-8260*sub20

Method: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Sep-2014 10:31:37 Calib Date: 24-Sep-2014 09:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34245.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: sobolr Date: 24-Sep-2014 10:24:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	98	160150	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	89	336652	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.948	10.948	0.000	97	275988	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	172215	25.0	25.1	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	131816	25.0	24.9	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	93	784431	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	83	210349	25.0	24.6	
10 Dichlorodifluoromethane	85	1.420	1.420	0.000	99	140109	10.0	10.2	
12 Chloromethane	50	1.572	1.572	0.000	99	102712	10.0	9.85	
13 Vinyl chloride	62	1.682	1.682	0.000	98	113746	10.0	10.1	
144 Butadiene	54	1.719	1.719	0.000	92	97761	10.0	10.8	
14 Bromomethane	94	1.987	1.987	0.000	92	25451	10.0	9.27	M
15 Chloroethane	64	2.139	2.139	0.000	99	66215	10.0	10.0	
16 Dichlorofluoromethane	67	2.328	2.328	0.000	97	128862	10.0	10.0	
17 Trichlorofluoromethane	101	2.353	2.353	0.000	96	141550	10.0	10.2	
18 Ethyl ether	59	2.609	2.609	0.000	90	70312	10.0	10.3	
19 Acrolein	56	2.773	2.773	0.000	99	52311	50.0	49.0	
20 1,1-Dichloroethene	96	2.859	2.859	0.000	97	113072	10.0	10.4	
21 1,1,2-Trichloro-1,2,2-trif	101	2.877	2.877	0.000	52	94265	10.0	10.8	
22 Acetone	43	2.932	2.932	0.000	99	162997	50.0	51.0	
23 Iodomethane	142	3.035	3.035	0.000	99	123310	10.0	10.7	
24 Carbon disulfide	76	3.060	3.060	0.000	100	333952	10.0	10.4	
26 3-Chloro-1-propene	41	3.188	3.188	0.000	87	111198	10.0	10.4	
28 Methyl acetate	43	3.230	3.230	0.000	97	412060	50.0	51.8	
29 Methylene Chloride	84	3.377	3.377	0.000	96	110739	10.0	10.1	
30 2-Methyl-2-propanol	59	3.493	3.493	0.000	99	141377	100.0	105.0	
31 Methyl tert-butyl ether	73	3.560	3.560	0.000	96	281714	10.0	10.3	
32 trans-1,2-Dichloroethene	96	3.566	3.566	0.000	98	90491	10.0	10.4	
33 Acrylonitrile	53	3.590	3.590	0.000	99	381476	100.0	108.2	
34 Hexane	57	3.779	3.779	0.000	93	116495	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.974	3.974	0.000	97	148327	10.0	10.4	M
38 Vinyl acetate	43	4.029	4.029	0.000	97	215715	20.0	20.0	
42 2,2-Dichloropropane	77	4.498	4.498	0.000	91	53885	10.0	10.5	
43 cis-1,2-Dichloroethene	96	4.529	4.529	0.000	83	84015	10.0	10.3	
44 2-Butanone (MEK)	43	4.559	4.559	0.000	100	246243	50.0	52.3	
48 Chlorobromomethane	128	4.761	4.761	0.000	97	39151	10.0	10.1	
49 Tetrahydrofuran	42	4.803	4.803	0.000	95	63399	20.0	19.4	
50 Chloroform	85	4.834	4.834	0.000	94	92679	10.0	10.2	
51 1,1,1-Trichloroethane	97	4.962	4.962	0.000	98	91714	10.0	10.5	
52 Cyclohexane	56	4.986	4.986	0.000	58	159670	10.0	10.3	
53 Carbon tetrachloride	117	5.108	5.108	0.000	98	92674	10.0	10.1	
54 1,1-Dichloropropene	75	5.114	5.114	0.000	96	110377	10.0	10.4	
55 Isobutyl alcohol	43	5.309	5.309	0.000	95	132815	250.0	264.3	
56 Benzene	78	5.315	5.315	0.000	97	333259	10.0	10.4	
57 1,2-Dichloroethane	62	5.370	5.370	0.000	98	126130	10.0	10.2	
59 n-Heptane	43	5.517	5.517	0.000	90	118710	10.0	10.2	
61 Trichloroethene	95	5.925	5.925	0.000	97	83709	10.0	10.5	
62 Methylcyclohexane	83	6.065	6.065	0.000	90	149378	10.0	10.6	M
63 1,2-Dichloropropane	63	6.157	6.157	0.000	91	80181	10.0	10.3	
65 Dibromomethane	93	6.291	6.291	0.000	94	49217	10.0	10.2	
66 1,4-Dioxane	88	6.309	6.309	0.000	94	25158	200.0	220.9	M
67 Dichlorobromomethane	83	6.443	6.443	0.000	99	94745	10.0	9.76	
70 2-Chloroethyl vinyl ether	63	6.718	6.718	0.000	94	58832	10.0	10.2	
72 cis-1,3-Dichloropropene	75	6.864	6.864	0.000	93	128393	10.0	10.2	
73 4-Methyl-2-pentanone (MIBK	43	7.004	7.004	0.000	96	488205	50.0	51.9	
74 Toluene	92	7.163	7.163	0.000	98	209823	10.0	10.3	
76 trans-1,3-Dichloropropene	75	7.425	7.425	0.000	95	115375	10.0	10.2	
78 Ethyl methacrylate	69	7.480	7.480	0.000	89	118445	10.0	9.97	
79 1,1,2-Trichloroethane	83	7.608	7.608	0.000	93	62370	10.0	10.4	
80 Tetrachloroethene	166	7.705	7.705	0.000	95	79770	10.0	10.2	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	92	143446	10.0	10.4	
82 2-Hexanone	43	7.839	7.839	0.000	96	345827	50.0	51.8	
83 Chlorodibromomethane	129	8.010	8.010	0.000	90	59091	10.0	8.41	
84 Ethylene Dibromide	107	8.120	8.120	0.000	99	75708	10.0	10.3	
86 Chlorobenzene	112	8.607	8.607	0.000	92	224070	10.0	10.3	
88 1,1,1,2-Tetrachloroethane	131	8.699	8.699	0.000	87	65489	10.0	9.96	
89 Ethylbenzene	91	8.705	8.705	0.000	98	397152	10.0	10.3	
90 m-Xylene & p-Xylene	106	8.827	8.827	0.000	0	156311	10.0	10.2	
91 o-Xylene	106	9.254	9.254	0.000	97	150819	10.0	10.2	
92 Styrene	104	9.278	9.278	0.000	95	258518	10.0	10.2	
93 Bromoform	173	9.516	9.516	0.000	94	31581	10.0	9.76	
95 Isopropylbenzene	105	9.638	9.638	0.000	96	401120	10.0	10.7	
97 Bromobenzene	156	9.973	9.973	0.000	97	89303	10.0	10.5	
98 1,1,2,2-Tetrachloroethane	83	10.004	10.004	0.000	95	99556	10.0	10.4	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	88	35637	10.0	10.5	
100 trans-1,4-Dichloro-2-buten	53	10.052	10.052	0.000	72	31900	10.0	10.2	
101 N-Propylbenzene	91	10.058	10.058	0.000	99	469171	10.0	10.8	
102 2-Chlorotoluene	126	10.156	10.156	0.000	95	88213	10.0	10.4	
104 1,3,5-Trimethylbenzene	105	10.235	10.235	0.000	93	341458	10.0	10.6	
105 4-Chlorotoluene	126	10.266	10.266	0.000	98	93698	10.0	10.5	
106 tert-Butylbenzene	134	10.546	10.546	0.000	93	72111	10.0	10.5	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	98	352925	10.0	10.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.759	10.759	0.000	95	435877	10.0	10.7	
110 1,3-Dichlorobenzene	146	10.887	10.887	0.000	96	177658	10.0	10.5	
111 4-Isopropyltoluene	119	10.894	10.894	0.000	97	369015	10.0	10.8	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	93	180834	10.0	10.4	
115 n-Butylbenzene	91	11.278	11.278	0.000	98	337358	10.0	10.6	
116 1,2-Dichlorobenzene	146	11.320	11.320	0.000	95	177849	10.0	10.6	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	83	16966	10.0	9.55	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	94	124542	10.0	10.2	
120 Hexachlorobutadiene	225	12.851	12.851	0.000	96	56380	10.0	10.4	
121 Naphthalene	128	12.936	12.936	0.000	98	300845	10.0	10.5	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	94	110743	10.0	10.3	
S 125 1,2-Dichloroethene, Total	1				0			20.7	
S 126 1,3-Dichloropropene, Total	1				0			20.4	
S 123 Total BTEX	1				0			51.3	
S 124 Xylenes, Total	1				0			20.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS CORP mix_00048	Amount Added:	5.00	Units: uL	
8260 CORP mix_00022	Amount Added:	5.00	Units: uL	
G_8260_IS_00065	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

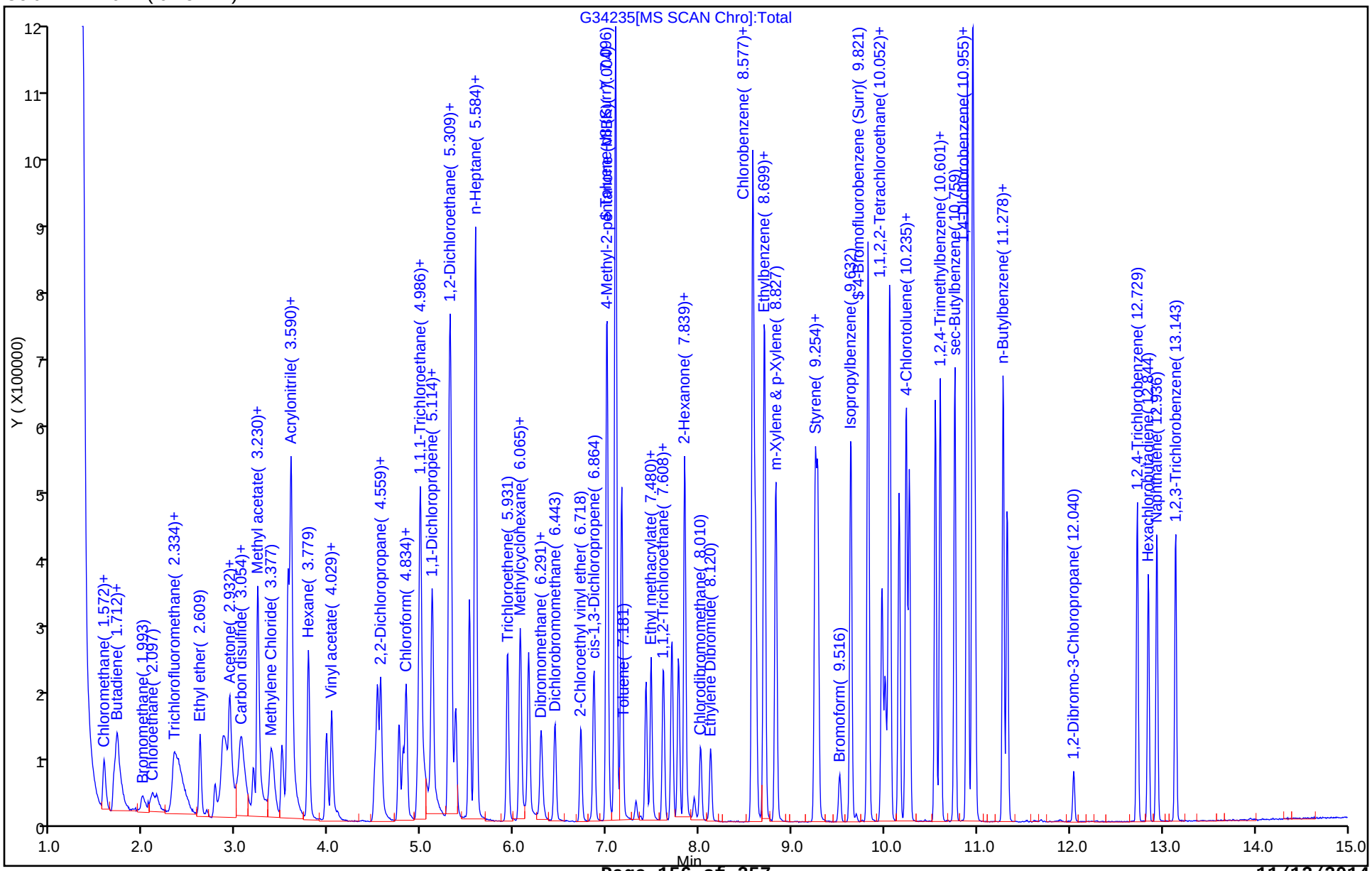
Report Date: 24-Sep-2014 10:31:38 Chrom Revision: 2.2 18-Aug-2014 12:17:36

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34235.D

Injection Date:	24-Sep-2014 05:34:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	IC 3			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

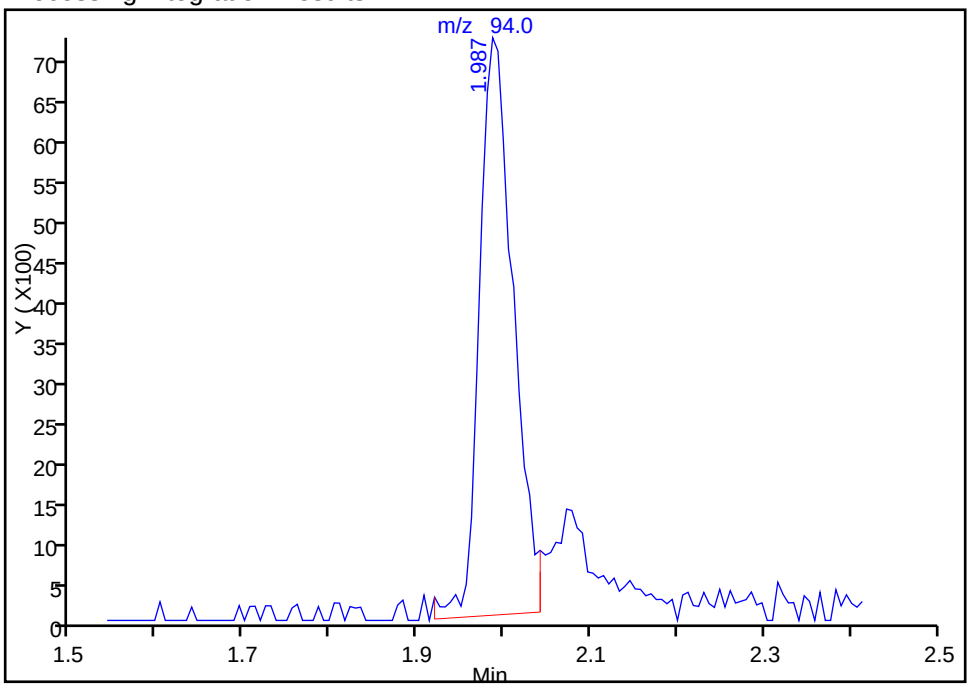
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34235.D
Injection Date: 24-Sep-2014 05:34:30 Instrument ID: HP5973G
Lims ID: IC 3
Client ID:
Operator ID: gtg ALS Bottle#: 10 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

14 Bromomethane, CAS: 74-83-9

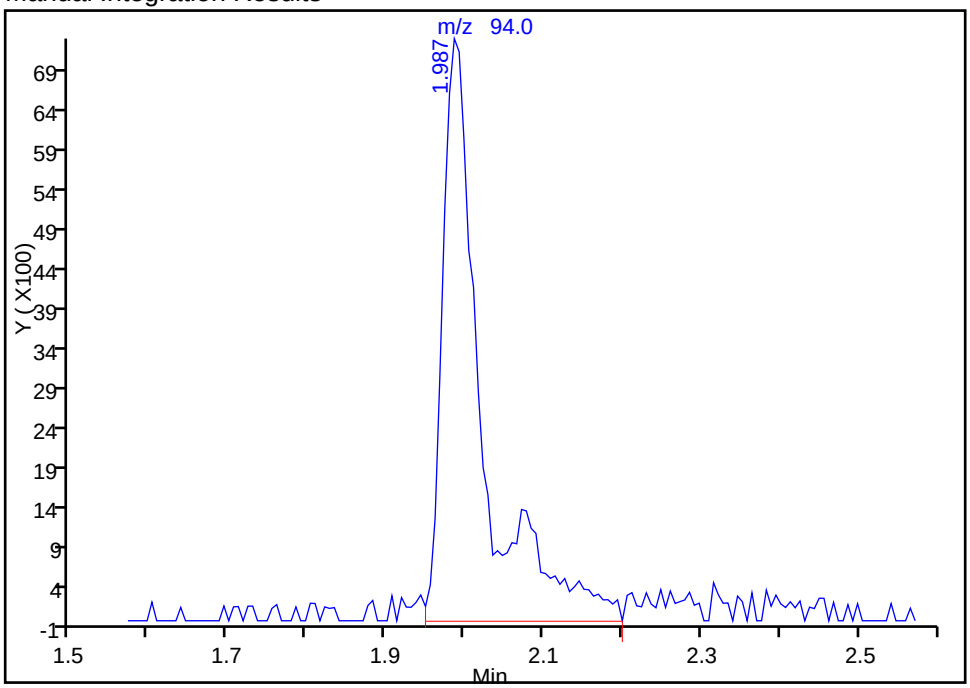
Processing Integration Results

RT: 1.99
Response: 19644
Amount: 6.129127



Manual Integration Results

RT: 1.99
Response: 25451
Amount: 9.273004



Reviewer: sobolr, 24-Sep-2014 10:06:17
Audit Action: Manually Integrated
Audit Reason: Split Peak

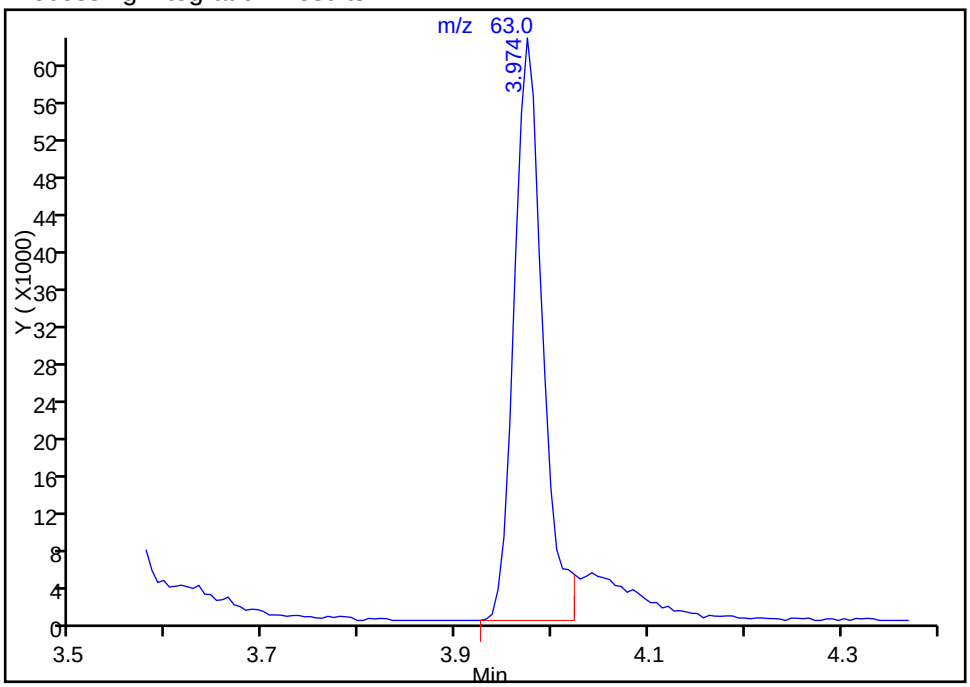
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34235.D
Injection Date: 24-Sep-2014 05:34:30 Instrument ID: HP5973G
Lims ID: IC 3
Client ID:
Operator ID: gtg ALS Bottle#: 10 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3

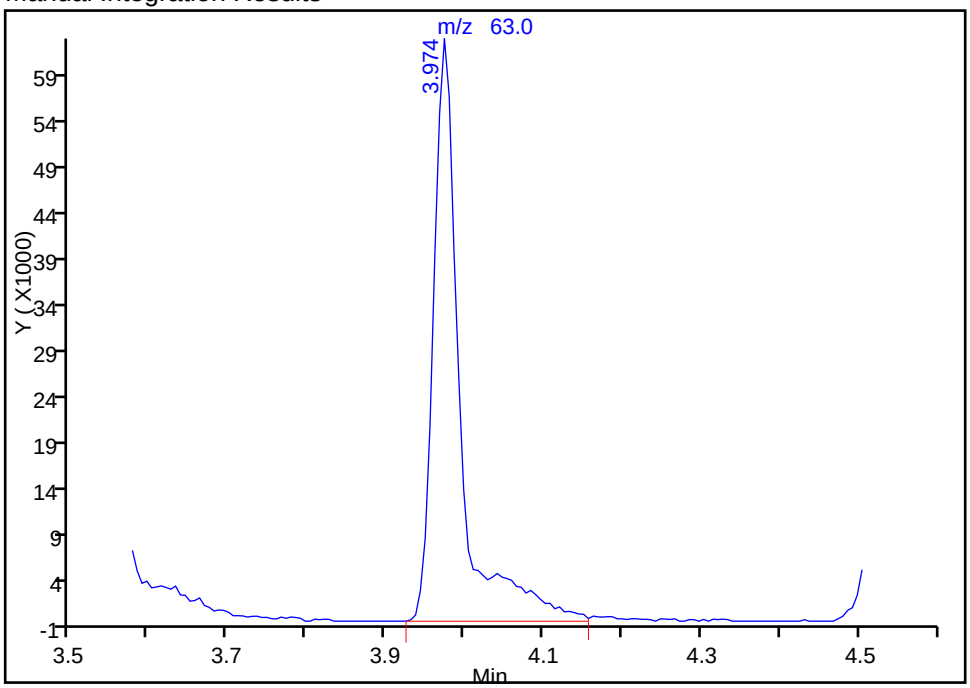
Processing Integration Results

RT: 3.97
Response: 127051
Amount: 10.345199



Manual Integration Results

RT: 3.97
Response: 148327
Amount: 10.369421



Reviewer: sobolr, 24-Sep-2014 10:21:56
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

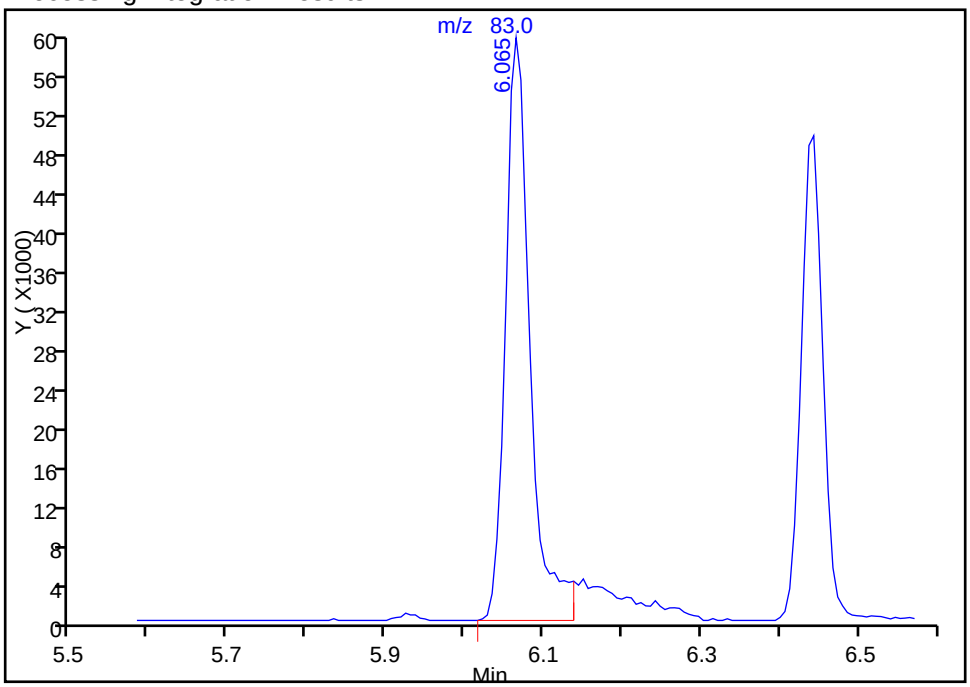
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34235.D
Injection Date: 24-Sep-2014 05:34:30 Instrument ID: HP5973G
Lims ID: IC 3
Client ID:
Operator ID: gtg ALS Bottle#: 10 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

62 Methylcyclohexane, CAS: 108-87-2

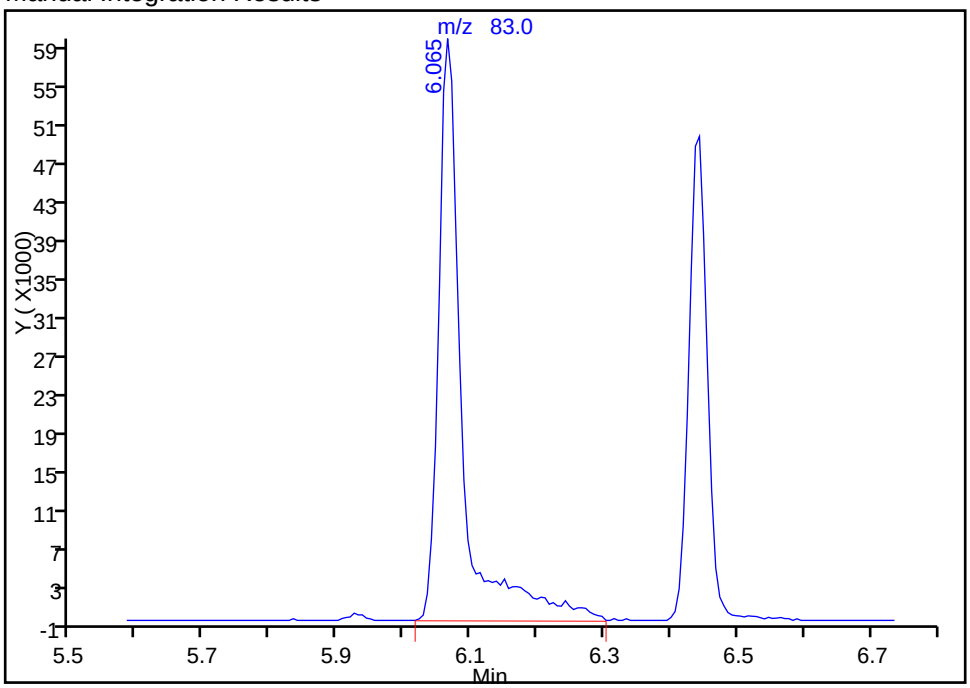
Processing Integration Results

RT: 6.07
Response: 128766
Amount: 9.767456



Manual Integration Results

RT: 6.07
Response: 149378
Amount: 10.618869



Reviewer: sobolr, 24-Sep-2014 10:29:46
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

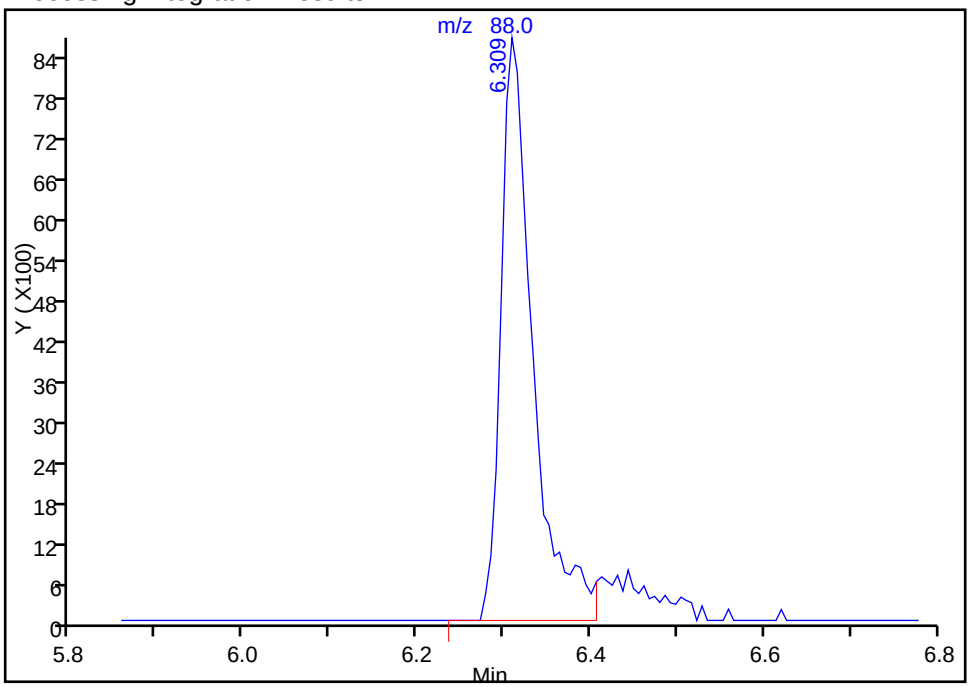
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34235.D
Injection Date: 24-Sep-2014 05:34:30 Instrument ID: HP5973G
Lims ID: IC 3
Client ID:
Operator ID: gtg ALS Bottle#: 10 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

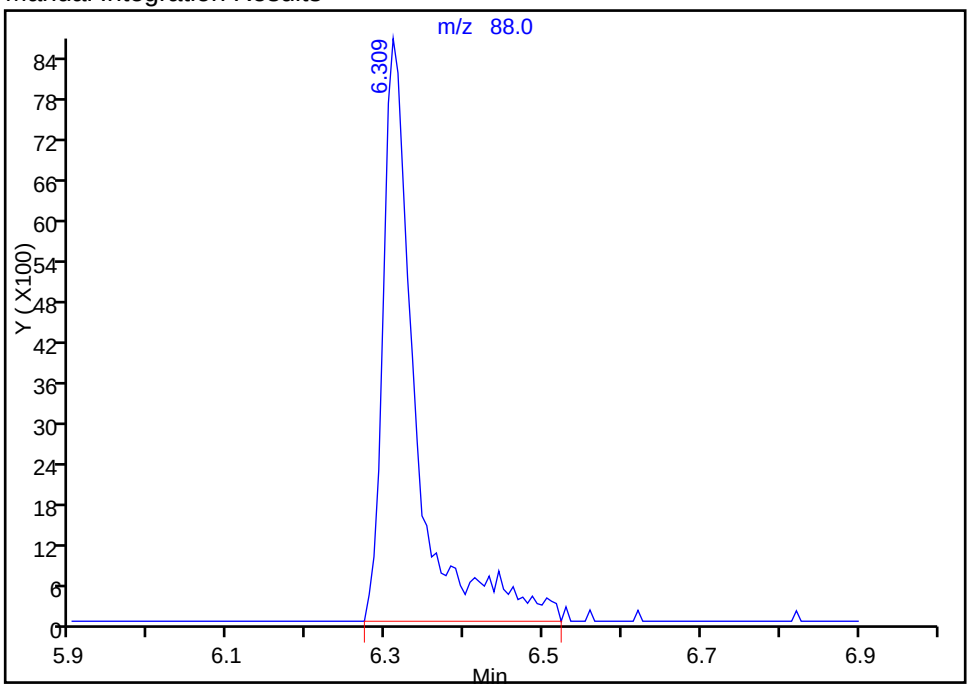
Processing Integration Results

RT: 6.31
Response: 22324
Amount: 203.1877



Manual Integration Results

RT: 6.31
Response: 25158
Amount: 220.8859



Reviewer: sobolr, 24-Sep-2014 10:21:56
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34236.D
Lims ID: ICIS 4
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 24-Sep-2014 05:56:30 ALS Bottle#: 11 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 4
Misc. Info.: 480-0035654-009480-0035654-009
Operator ID: gtg Instrument ID: HP5973G
Sublist: chrom-G-8260*sub20

Method: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Sep-2014 10:29:19 Calib Date: 24-Sep-2014 09:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34245.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: sobolr Date: 24-Sep-2014 10:26:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	93	162441	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	89	337963	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.955	10.955	0.000	74	287390	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.992	4.992	0.000	79	176196	25.0	25.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	134574	25.0	25.1	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	91	791751	25.0	25.1	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	82	212275	25.0	24.7	
10 Dichlorodifluoromethane	85	1.414	1.414	0.000	87	345847	25.0	24.7	
12 Chloromethane	50	1.578	1.578	0.000	88	261407	25.0	24.7	
13 Vinyl chloride	62	1.688	1.688	0.000	82	285458	25.0	25.0	
144 Butadiene	54	1.719	1.719	0.000	91	228102	25.0	24.8	
14 Bromomethane	94	1.999	1.999	0.000	92	61562	25.0	18.8	M
15 Chloroethane	64	2.133	2.133	0.000	92	161806	25.0	24.2	
16 Dichlorofluoromethane	67	2.334	2.334	0.000	82	322082	25.0	24.6	
17 Trichlorofluoromethane	101	2.340	2.340	0.000	61	360405	25.0	25.6	
18 Ethyl ether	59	2.615	2.615	0.000	88	176051	25.0	25.3	
19 Acrolein	56	2.773	2.773	0.000	92	134757	125.0	124.4	
21 1,1,2-Trichloro-1,2,2-trif	101	2.859	2.859	0.000	45	223799	25.0	25.2	
20 1,1-Dichloroethene	96	2.865	2.865	0.000	87	281969	25.0	25.4	
22 Acetone	43	2.932	2.932	0.000	99	411888	125.0	127.0	
23 Iodomethane	142	3.041	3.041	0.000	76	290988	25.0	24.9	
24 Carbon disulfide	76	3.066	3.066	0.000	99	838017	25.0	25.6	M
26 3-Chloro-1-propene	41	3.188	3.188	0.000	45	262066	25.0	24.3	
28 Methyl acetate	43	3.230	3.230	0.000	95	1036001	125.0	128.4	
29 Methylene Chloride	84	3.383	3.383	0.000	81	271055	25.0	24.3	
30 2-Methyl-2-propanol	59	3.493	3.493	0.000	98	361321	250.0	264.6	
31 Methyl tert-butyl ether	73	3.560	3.560	0.000	84	710828	25.0	25.6	
32 trans-1,2-Dichloroethene	96	3.566	3.566	0.000	45	228071	25.0	25.9	
33 Acrylonitrile	53	3.590	3.590	0.000	97	937316	250.0	262.1	
34 Hexane	57	3.779	3.779	0.000	92	296519	25.0	25.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.974	3.974	0.000	85	369554	25.0	25.5	M
38 Vinyl acetate	43	4.029	4.029	0.000	97	581580	50.0	53.3	
42 2,2-Dichloropropane	77	4.498	4.498	0.000	91	133400	25.0	25.5	
43 cis-1,2-Dichloroethene	96	4.529	4.529	0.000	70	214612	25.0	25.9	
44 2-Butanone (MEK)	43	4.553	4.553	0.000	98	619335	125.0	129.6	
48 Chlorobromomethane	128	4.761	4.761	0.000	94	98910	25.0	25.2	
49 Tetrahydrofuran	42	4.797	4.797	0.000	87	166657	50.0	50.2	
50 Chloroform	85	4.834	4.834	0.000	70	230310	25.0	25.1	
51 1,1,1-Trichloroethane	97	4.962	4.962	0.000	91	222493	25.0	25.2	
52 Cyclohexane	56	4.986	4.986	0.000	88	393337	25.0	25.1	
53 Carbon tetrachloride	117	5.108	5.108	0.000	66	244541	25.0	26.3	
54 1,1-Dichloropropene	75	5.120	5.120	0.000	93	277847	25.0	25.7	
55 Isobutyl alcohol	43	5.303	5.303	0.000	87	353985	625.0	694.5	
56 Benzene	78	5.315	5.315	0.000	97	820808	25.0	25.2	
57 1,2-Dichloroethane	62	5.370	5.370	0.000	73	323450	25.0	25.7	
59 n-Heptane	43	5.517	5.517	0.000	91	296050	25.0	25.2	
61 Trichloroethene	95	5.931	5.931	0.000	94	202818	25.0	25.1	
62 Methylcyclohexane	83	6.065	6.065	0.000	90	357746	25.0	26.8	M
63 1,2-Dichloropropane	63	6.157	6.157	0.000	89	204971	25.0	26.0	
65 Dibromomethane	93	6.291	6.291	0.000	88	126823	25.0	25.8	
66 1,4-Dioxane	88	6.309	6.309	0.000	88	60418	500.0	528.4	
67 Dichlorobromomethane	83	6.443	6.443	0.000	93	256791	25.0	26.1	
70 2-Chloroethyl vinyl ether	63	6.718	6.718	0.000	92	157571	25.0	27.1	
72 cis-1,3-Dichloropropene	75	6.864	6.864	0.000	90	333464	25.0	26.1	
73 4-Methyl-2-pentanone (MIBK	43	6.998	6.998	0.000	96	1242342	125.0	131.6	
74 Toluene	92	7.163	7.163	0.000	93	519483	25.0	25.4	
76 trans-1,3-Dichloropropene	75	7.425	7.425	0.000	90	305120	25.0	26.8	
78 Ethyl methacrylate	69	7.480	7.480	0.000	82	314004	25.0	26.3	
79 1,1,2-Trichloroethane	83	7.614	7.614	0.000	88	156471	25.0	25.9	
80 Tetrachloroethene	166	7.705	7.705	0.000	89	195907	25.0	25.0	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	91	355016	25.0	25.6	
82 2-Hexanone	43	7.839	7.839	0.000	96	881260	125.0	131.5	
83 Chlorodibromomethane	129	8.016	8.016	0.000	88	167523	25.0	22.3	
84 Ethylene Dibromide	107	8.120	8.120	0.000	98	190027	25.0	25.7	
86 Chlorobenzene	112	8.607	8.607	0.000	92	560077	25.0	25.7	
88 1,1,1,2-Tetrachloroethane	131	8.699	8.699	0.000	39	174475	25.0	26.4	
89 Ethylbenzene	91	8.705	8.705	0.000	98	995019	25.0	25.6	
90 m-Xylene & p-Xylene	106	8.827	8.827	0.000	0	391284	25.0	25.4	
91 o-Xylene	106	9.254	9.254	0.000	97	378844	25.0	25.6	
92 Styrene	104	9.278	9.278	0.000	95	657854	25.0	26.0	
93 Bromoform	173	9.516	9.516	0.000	94	94300	25.0	21.8	
95 Isopropylbenzene	105	9.632	9.632	0.000	96	997734	25.0	25.5	
97 Bromobenzene	156	9.973	9.973	0.000	97	227089	25.0	25.6	
98 1,1,2,2-Tetrachloroethane	83	10.004	10.004	0.000	80	259927	25.0	26.0	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	53	89922	25.0	25.5	
100 trans-1,4-Dichloro-2-buten	53	10.052	10.052	0.000	35	86618	25.0	26.5	
101 N-Propylbenzene	91	10.058	10.058	0.000	98	1166540	25.0	25.8	
102 2-Chlorotoluene	126	10.156	10.156	0.000	95	224551	25.0	25.4	
104 1,3,5-Trimethylbenzene	105	10.235	10.235	0.000	94	856785	25.0	25.6	
105 4-Chlorotoluene	126	10.266	10.266	0.000	99	236413	25.0	25.4	
106 tert-Butylbenzene	134	10.546	10.546	0.000	91	183402	25.0	25.8	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	68	887010	25.0	25.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.759	10.759	0.000	95	1088052	25.0	25.7	
110 1,3-Dichlorobenzene	146	10.887	10.887	0.000	85	447062	25.0	25.5	
111 4-Isopropyltoluene	119	10.894	10.894	0.000	94	916970	25.0	25.8	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	92	461264	25.0	25.4	
115 n-Butylbenzene	91	11.278	11.278	0.000	98	846659	25.0	25.5	
116 1,2-Dichlorobenzene	146	11.320	11.320	0.000	90	438099	25.0	25.0	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	72	46858	25.0	25.3	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	92	318156	25.0	25.0	
120 Hexachlorobutadiene	225	12.844	12.844	0.000	92	136923	25.0	24.1	
121 Naphthalene	128	12.936	12.936	0.000	97	788066	25.0	26.3	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	94	276528	25.0	24.8	
S 125 1,2-Dichloroethene, Total	1				0			51.8	
S 126 1,3-Dichloropropene, Total	1				0			52.9	
S 123 Total BTEX	1				0			127.1	
S 124 Xylenes, Total	1				0			51.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS CORP mix_00048	Amount Added: 12.50	Units: uL		
8260 CORP mix_00022	Amount Added: 12.50	Units: uL		
G_8260_IS_00065	Amount Added: 1.00	Units: uL	Run Reagent	
G_8260_Surr_00081	Amount Added: 1.00	Units: uL	Run Reagent	

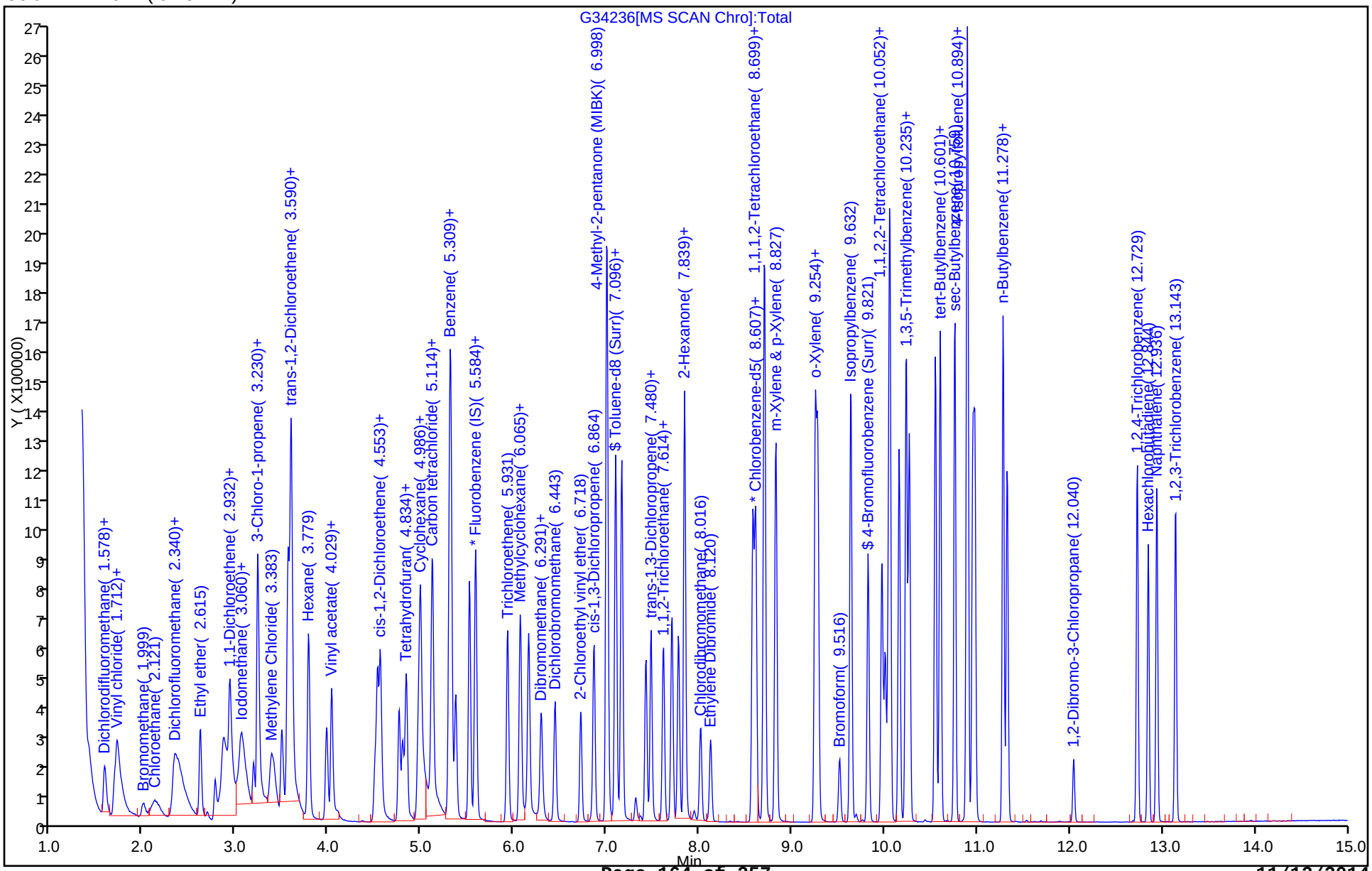
Report Date: 24-Sep-2014 10:29:19 Chrom Revision: 2.2 18-Aug-2014 12:17:36

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34236.D

Injection Date:	24-Sep-2014 05:56:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	ICIS 4			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

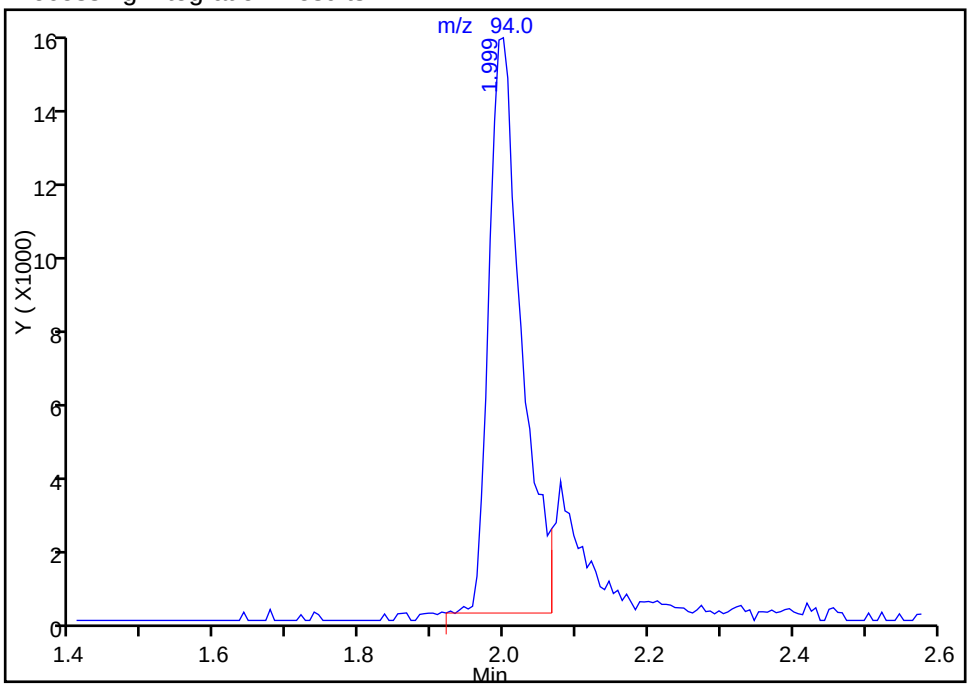
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34236.D
Injection Date: 24-Sep-2014 05:56:30 Instrument ID: HP5973G
Lims ID: ICIS 4
Client ID:
Operator ID: gtg ALS Bottle#: 11 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

14 Bromomethane, CAS: 74-83-9

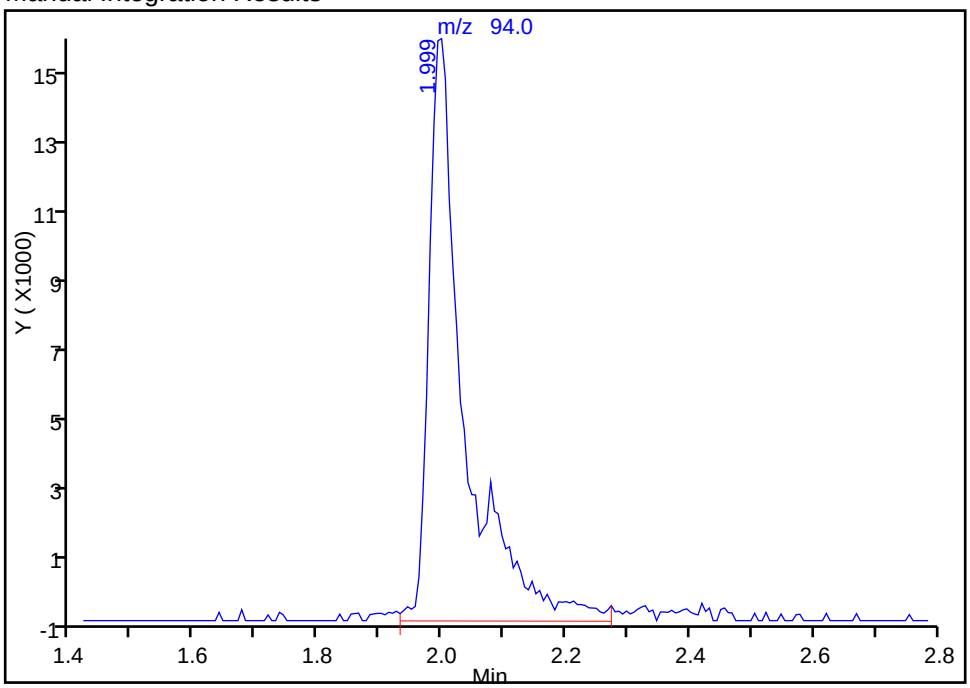
Processing Integration Results

RT: 2.00
Response: 47197
Amount: 14.092691



Manual Integration Results

RT: 2.00
Response: 61562
Amount: 18.779730



Reviewer: HillL, 24-Sep-2014 10:10:13
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

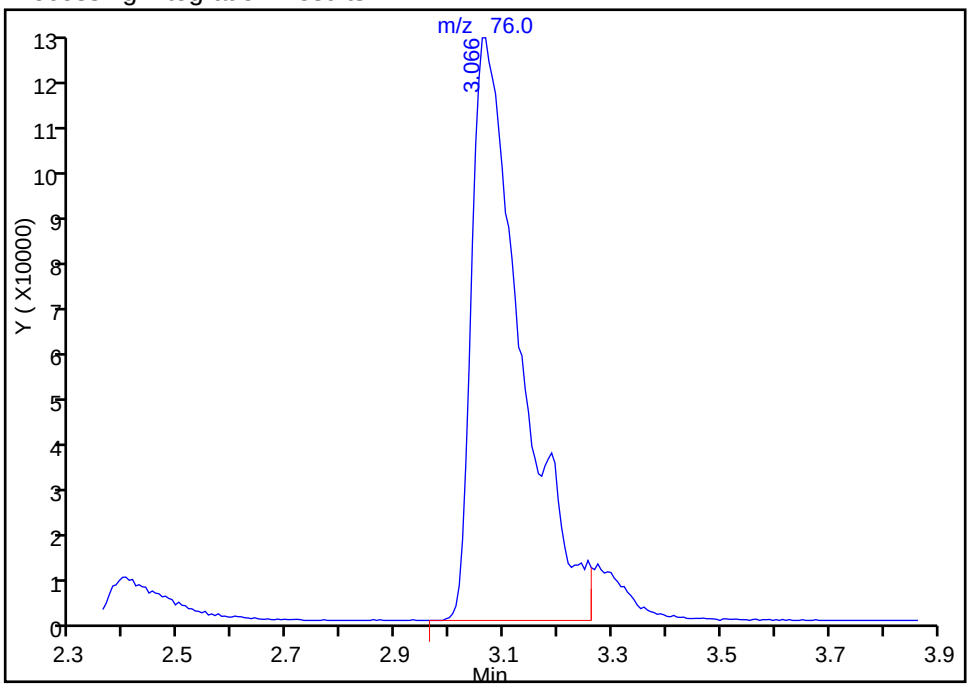
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34236.D
Injection Date: 24-Sep-2014 05:56:30 Instrument ID: HP5973G
Lims ID: ICIS 4
Client ID:
Operator ID: gtg ALS Bottle#: 11 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

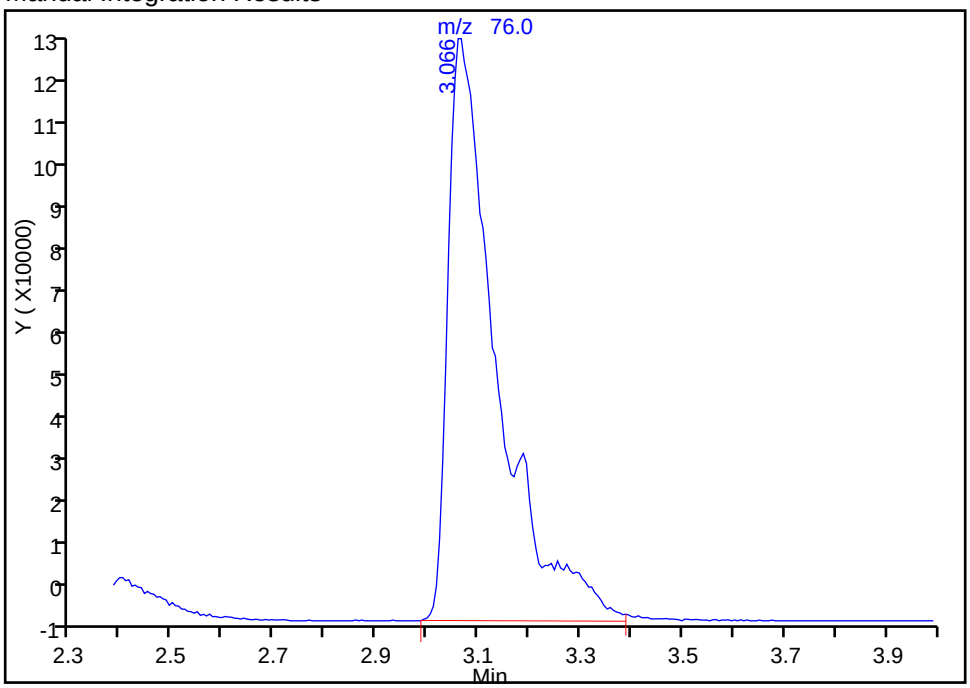
Processing Integration Results

RT: 3.07
Response: 790735
Amount: 24.851205



Manual Integration Results

RT: 3.07
Response: 838017
Amount: 25.625429



Reviewer: sobolr, 24-Sep-2014 10:26:14
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

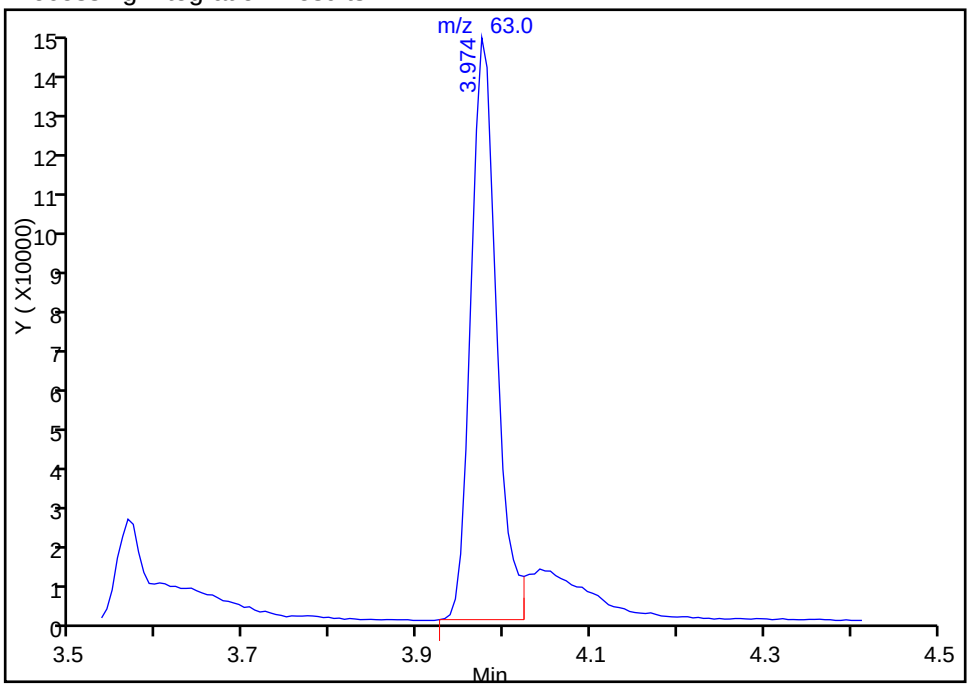
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34236.D
Injection Date: 24-Sep-2014 05:56:30 Instrument ID: HP5973G
Lims ID: ICIS 4
Client ID:
Operator ID: gtg ALS Bottle#: 11 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3

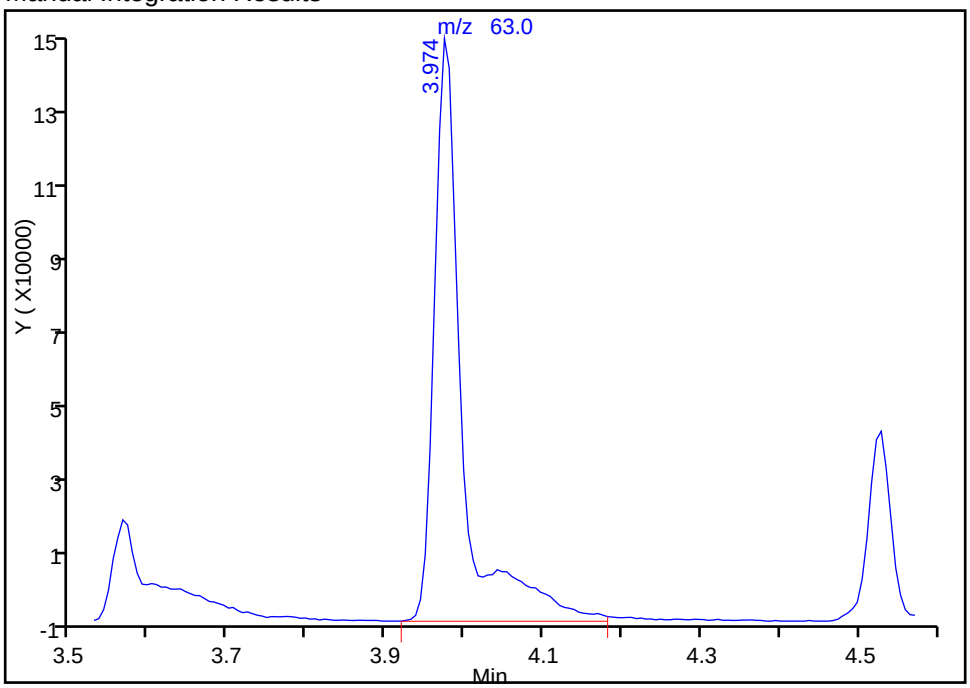
Processing Integration Results

RT: 3.97
Response: 305126
Amount: 23.037925



Manual Integration Results

RT: 3.97
Response: 369554
Amount: 25.470854



Reviewer: sobolr, 24-Sep-2014 10:23:00
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

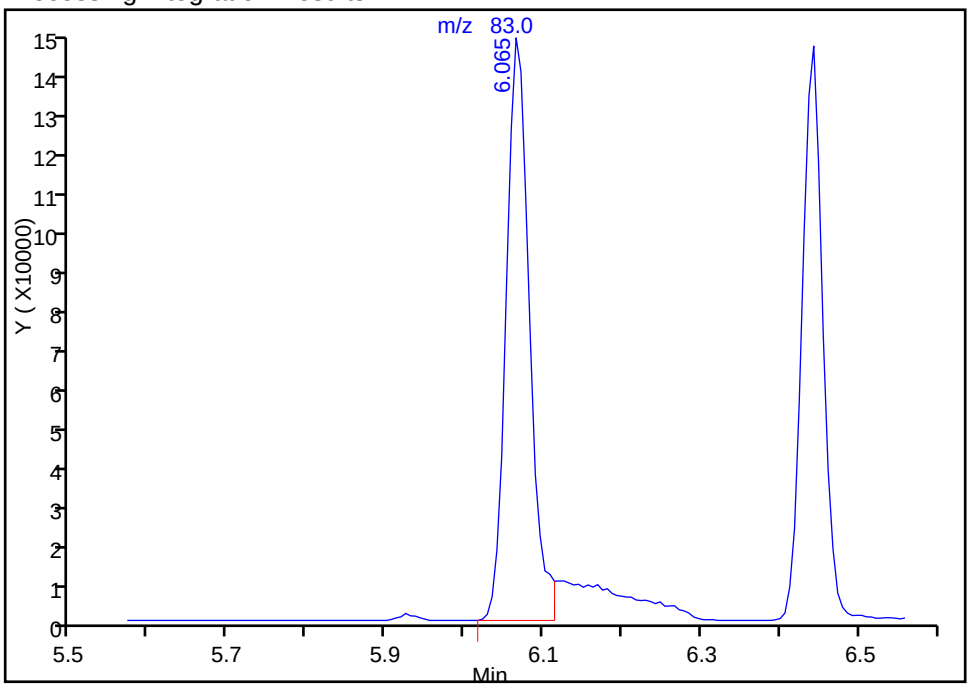
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34236.D
Injection Date: 24-Sep-2014 05:56:30 Instrument ID: HP5973G
Lims ID: ICIS 4
Client ID:
Operator ID: gtg ALS Bottle#: 11 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

62 Methylcyclohexane, CAS: 108-87-2

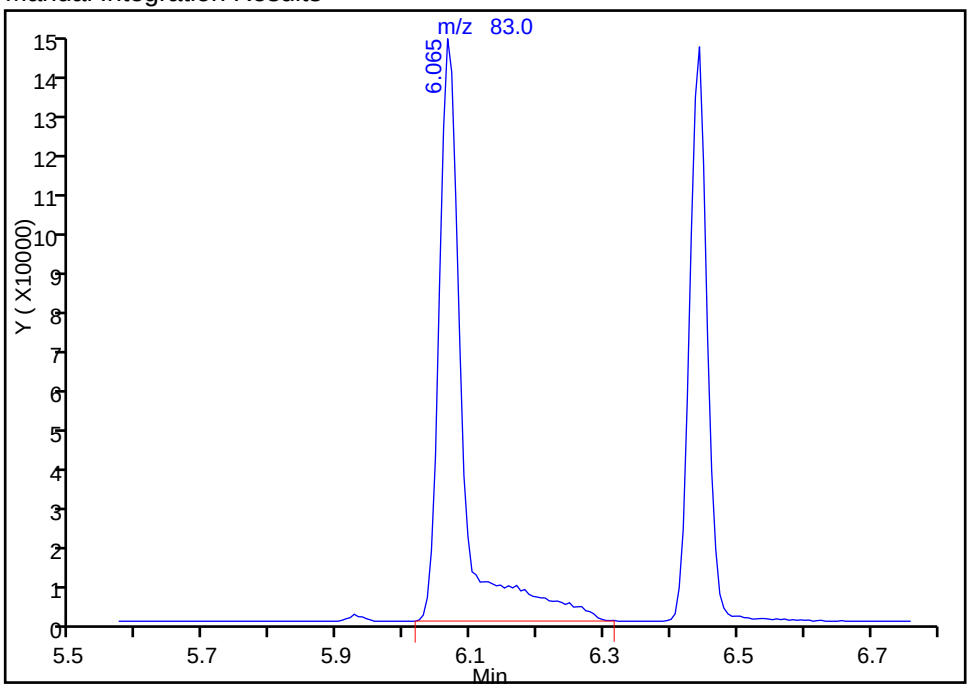
Processing Integration Results

RT: 6.07
Response: 295461
Amount: 22.804034



Manual Integration Results

RT: 6.07
Response: 357746
Amount: 26.753852



Reviewer: sobolr, 24-Sep-2014 10:29:19
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34237.D
Lims ID: IC 5
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 24-Sep-2014 06:19:30 ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 5
Misc. Info.: 480-0035654-010480-0035654-010
Operator ID: gtg Instrument ID: HP5973G
Sublist: chrom-G-8260*sub20

Method: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Sep-2014 10:27:35 Calib Date: 24-Sep-2014 09:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34245.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: sobolr Date: 24-Sep-2014 10:27:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	98	164637	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	88	344329	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.955	10.955	0.000	97	291396	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.992	-0.006	92	178669	25.0	25.4	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	133144	25.0	24.5	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	93	800061	25.0	24.8	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	83	220743	25.0	25.2	
10 Dichlorodifluoromethane	85	1.414	1.414	0.000	99	723996	50.0	51.1	
12 Chloromethane	50	1.579	1.578	0.001	99	543370	50.0	50.7	
13 Vinyl chloride	62	1.694	1.688	0.006	98	587392	50.0	50.8	
144 Butadiene	54	1.719	1.719	0.000	93	458921	50.0	49.3	
14 Bromomethane	94	2.005	1.999	0.006	91	215294	50.0	53.9	
15 Chloroethane	64	2.139	2.133	0.006	100	323368	50.0	47.7	
16 Dichlorofluoromethane	67	2.341	2.334	0.007	96	735183	50.0	55.5	
17 Trichlorofluoromethane	101	2.347	2.340	0.007	95	768968	50.0	53.8	
18 Ethyl ether	59	2.609	2.615	-0.006	89	364672	50.0	51.7	
19 Acrolein	56	2.773	2.773	0.000	99	268798	250.0	244.8	
21 1,1,2-Trichloro-1,2,2-trif	101	2.859	2.859	0.000	94	462953	50.0	51.4	
20 1,1-Dichloroethene	96	2.859	2.865	-0.006	96	579814	50.0	51.6	
22 Acetone	43	2.926	2.932	-0.006	99	847379	250.0	257.9	
23 Iodomethane	142	3.036	3.041	-0.005	99	582551	50.0	49.1	
24 Carbon disulfide	76	3.066	3.066	0.000	100	1753954	50.0	53.9	
26 3-Chloro-1-propene	41	3.188	3.188	0.000	87	530767	50.0	48.5	
28 Methyl acetate	43	3.231	3.230	0.001	97	2127282	250.0	260.0	
29 Methylene Chloride	84	3.383	3.383	0.000	92	539198	50.0	47.8	
30 2-Methyl-2-propanol	59	3.481	3.493	-0.012	99	725042	500.0	523.8	
31 Methyl tert-butyl ether	73	3.554	3.560	-0.006	95	1450627	50.0	51.5	
32 trans-1,2-Dichloroethene	96	3.566	3.566	0.000	98	447079	50.0	50.1	
33 Acrylonitrile	53	3.590	3.590	0.000	98	1886436	500.0	520.4	
34 Hexane	57	3.779	3.779	0.000	93	605977	50.0	50.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.974	3.974	0.000	96	739697	50.0	50.3	
38 Vinyl acetate	43	4.029	4.029	0.000	97	1222438	100.0	110.5	
42 2,2-Dichloropropane	77	4.499	4.498	0.001	91	268576	50.0	50.7	
43 cis-1,2-Dichloroethene	96	4.529	4.529	0.000	82	432116	50.0	51.5	
44 2-Butanone (MEK)	43	4.554	4.553	0.001	99	1280941	250.0	264.6	
48 Chlorobromomethane	128	4.761	4.761	0.000	97	206035	50.0	51.7	
49 Tetrahydrofuran	42	4.791	4.797	-0.006	85	340504	100.0	101.2	
50 Chloroform	85	4.834	4.834	0.000	94	472350	50.0	50.7	
51 1,1,1-Trichloroethane	97	4.968	4.962	0.006	98	461071	50.0	51.4	
52 Cyclohexane	56	4.986	4.986	0.000	92	821257	50.0	51.7	
53 Carbon tetrachloride	117	5.114	5.108	0.006	97	505255	50.0	53.7	
54 1,1-Dichloropropene	75	5.121	5.120	0.001	96	563614	50.0	51.5	
55 Isobutyl alcohol	43	5.303	5.303	0.000	93	735294	1250.0	1423.5	
56 Benzene	78	5.316	5.315	0.001	97	1665867	50.0	50.4	
57 1,2-Dichloroethane	62	5.370	5.370	0.000	99	649340	50.0	51.0	
59 n-Heptane	43	5.517	5.517	0.000	90	605846	50.0	50.9	
61 Trichloroethene	95	5.931	5.931	0.000	97	422116	50.0	51.6	
62 Methylcyclohexane	83	6.065	6.065	0.000	89	742494	50.0	58.5	
63 1,2-Dichloropropane	63	6.157	6.157	0.000	91	411386	50.0	51.5	
65 Dibromomethane	93	6.291	6.291	0.000	95	261667	50.0	52.5	
66 1,4-Dioxane	88	6.303	6.309	-0.006	94	128323	1000.0	1101.5	M
67 Dichlorobromomethane	83	6.443	6.443	0.000	99	554924	50.0	55.6	
70 2-Chloroethyl vinyl ether	63	6.718	6.718	0.000	94	320632	50.0	54.3	
72 cis-1,3-Dichloropropene	75	6.858	6.864	-0.006	94	696314	50.0	53.8	
73 4-Methyl-2-pentanone (MIBK	43	6.998	6.998	0.000	95	2510465	250.0	261.0	
74 Toluene	92	7.163	7.163	0.000	98	1068672	50.0	51.2	
76 trans-1,3-Dichloropropene	75	7.419	7.425	-0.006	95	647621	50.0	55.8	
78 Ethyl methacrylate	69	7.480	7.480	0.000	89	664952	50.0	54.7	
79 1,1,2-Trichloroethane	83	7.608	7.614	-0.006	93	317966	50.0	51.7	
80 Tetrachloroethene	166	7.705	7.705	0.000	94	403210	50.0	50.5	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	92	730432	50.0	51.7	
82 2-Hexanone	43	7.840	7.839	0.001	94	1827492	250.0	267.8	
83 Chlorodibromomethane	129	8.016	8.016	0.000	90	385811	50.0	49.4	
84 Ethylene Dibromide	107	8.120	8.120	0.000	99	398627	50.0	52.9	
86 Chlorobenzene	112	8.608	8.607	0.001	92	1133928	50.0	51.0	
88 1,1,1,2-Tetrachloroethane	131	8.699	8.699	0.000	91	369629	50.0	55.0	
89 Ethylbenzene	91	8.705	8.705	0.000	99	2013323	50.0	50.8	
90 m-Xylene & p-Xylene	106	8.827	8.827	0.000	0	803125	50.0	51.2	
91 o-Xylene	106	9.254	9.254	0.000	97	774946	50.0	51.4	
92 Styrene	104	9.278	9.278	0.000	95	1358132	50.0	52.6	
93 Bromoform	173	9.516	9.516	0.000	95	227407	50.0	46.6	
95 Isopropylbenzene	105	9.638	9.632	0.006	96	2034477	50.0	51.3	
97 Bromobenzene	156	9.973	9.973	0.000	98	462148	50.0	51.3	
98 1,1,2,2-Tetrachloroethane	83	10.004	10.004	0.000	95	533300	50.0	52.7	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	88	184504	50.0	51.7	
100 trans-1,4-Dichloro-2-buten	53	10.052	10.052	0.000	78	190505	50.0	57.4	
101 N-Propylbenzene	91	10.059	10.058	0.001	98	2365382	50.0	51.5	
102 2-Chlorotoluene	126	10.156	10.156	0.000	95	456402	50.0	50.8	
104 1,3,5-Trimethylbenzene	105	10.235	10.235	0.000	93	1763725	50.0	52.0	
105 4-Chlorotoluene	126	10.266	10.266	0.000	98	483449	50.0	51.3	
106 tert-Butylbenzene	134	10.546	10.546	0.000	92	377307	50.0	52.3	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	98	1819953	50.0	52.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.760	10.759	0.001	95	2219483	50.0	51.7	
110 1,3-Dichlorobenzene	146	10.888	10.887	0.001	96	905783	50.0	50.9	
111 4-Isopropyltoluene	119	10.900	10.894	0.006	97	1867080	50.0	51.7	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	92	937364	50.0	51.0	
115 n-Butylbenzene	91	11.278	11.278	0.000	98	1753541	50.0	52.0	
116 1,2-Dichlorobenzene	146	11.321	11.320	0.001	95	899310	50.0	50.7	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	78	107394	50.0	57.3	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	93	669805	50.0	52.0	
120 Hexachlorobutadiene	225	12.851	12.844	0.007	96	302342	50.0	52.6	
121 Naphthalene	128	12.936	12.936	0.000	98	1676753	50.0	55.2	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	94	592789	50.0	52.4	
S 123 Total BTEX	1				0			255.0	
S 124 Xylenes, Total	1				0			102.6	
S 125 1,2-Dichloroethene, Total	1				0			101.6	
S 126 1,3-Dichloropropene, Total	1				0			109.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS CORP mix_00048	Amount Added:	25.00	Units: uL	
8260 CORP mix_00022	Amount Added:	25.00	Units: uL	
G_8260_IS_00065	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

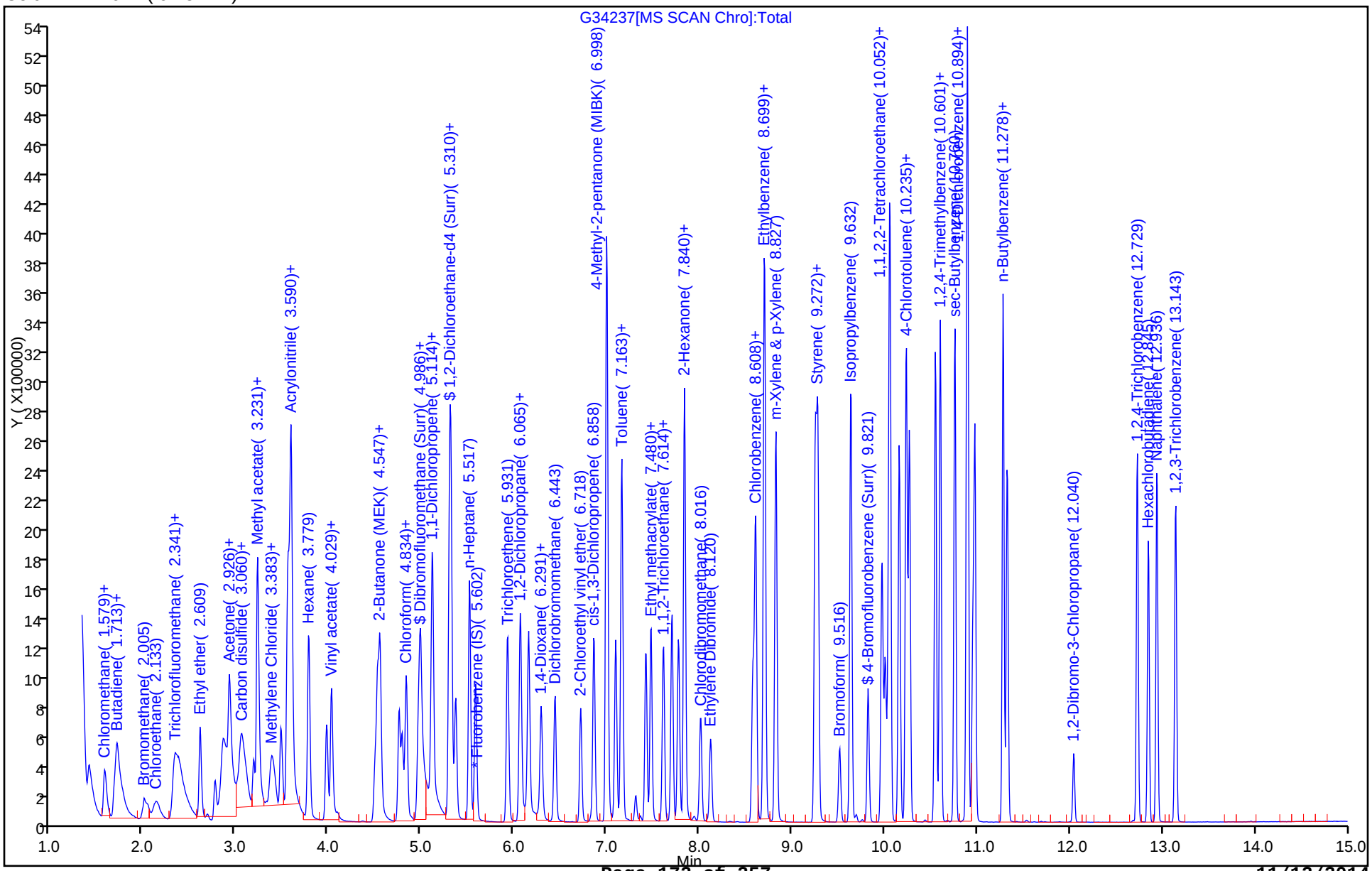
Report Date: 24-Sep-2014 10:27:35 Chrom Revision: 2.2 18-Aug-2014 12:17:36

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34237.D

Injection Date:	24-Sep-2014 06:19:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	IC 5			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



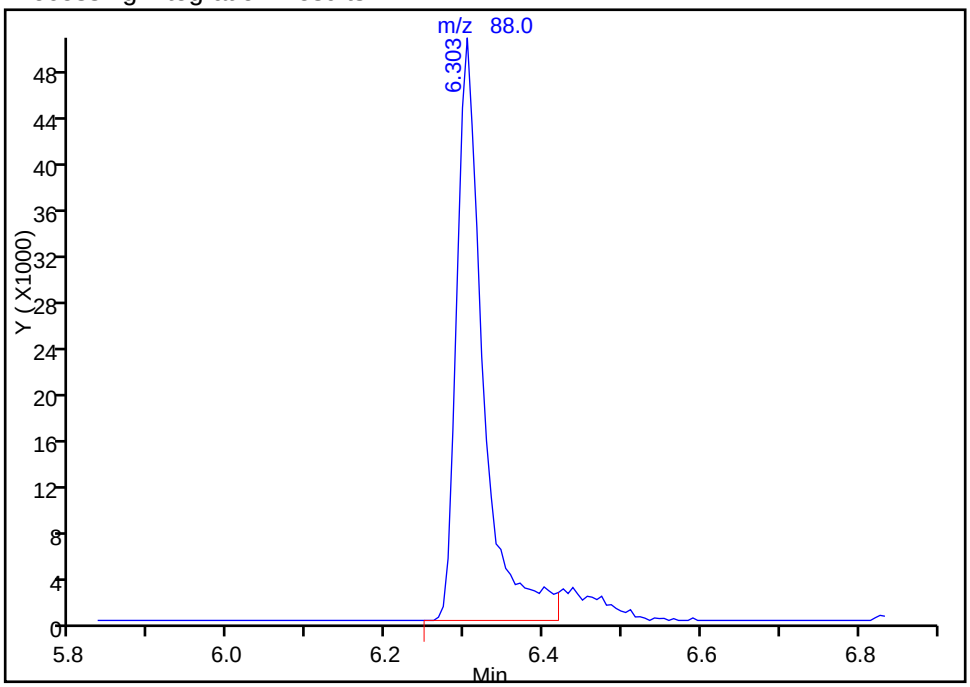
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34237.D
Injection Date: 24-Sep-2014 06:19:30 Instrument ID: HP5973G
Lims ID: IC 5
Client ID:
Operator ID: gtg ALS Bottle#: 12 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

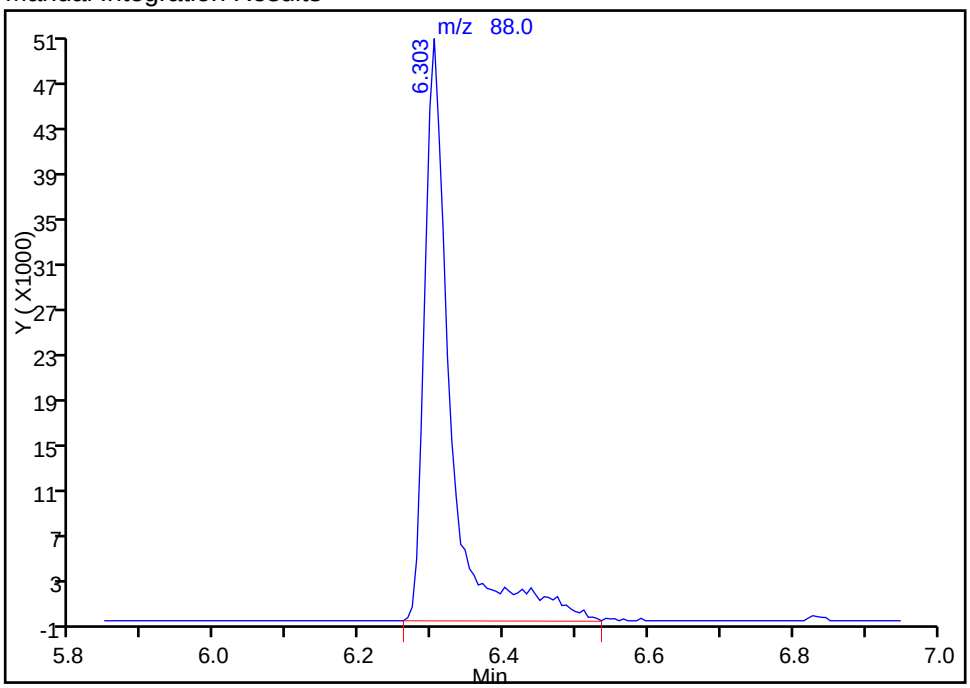
Processing Integration Results

RT: 6.30
Response: 118103
Amount: 1028.8629



Manual Integration Results

RT: 6.30
Response: 128323
Amount: 1101.5496



Reviewer: sobolr, 24-Sep-2014 10:27:35
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34238.D
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 24-Sep-2014 06:42:30 ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0035654-011480-0035654-011
Operator ID: gtg Instrument ID: HP5973G
Sublist: chrom-G-8260*sub20

Method: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Sep-2014 10:28:57 Calib Date: 24-Sep-2014 09:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34245.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: sobolr Date: 24-Sep-2014 10:28:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	98	169889	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	88	345995	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.955	10.955	0.000	97	306053	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.992	-0.006	88	183181	25.0	25.2	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	134461	25.0	24.0	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	93	822647	25.0	25.4	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	83	229777	25.0	26.1	
10 Dichlorodifluoromethane	85	1.414	1.414	0.000	99	1501677	100.0	102.7	
12 Chloromethane	50	1.585	1.578	0.007	99	1106431	100.0	100.0	
13 Vinyl chloride	62	1.694	1.688	0.006	98	1183071	100.0	99.2	
144 Butadiene	54	1.725	1.719	0.006	92	1018044	100.0	106.0	
14 Bromomethane	94	1.999	1.999	0.000	91	473174	100.0	99.5	
15 Chloroethane	64	2.133	2.133	0.000	99	681845	100.0	97.4	
16 Dichlorofluoromethane	67	2.334	2.334	0.000	97	1525423	100.0	111.5	
17 Trichlorofluoromethane	101	2.347	2.340	0.007	98	1577059	100.0	106.9	
18 Ethyl ether	59	2.609	2.615	-0.006	89	738582	100.0	101.5	
19 Acrolein	56	2.773	2.773	0.000	99	559764	500.0	494.0	
21 1,1,2-Trichloro-1,2,2-trif	101	2.865	2.859	0.006	91	961217	100.0	103.4	
20 1,1-Dichloroethene	96	2.871	2.865	0.006	96	1160112	100.0	100.1	
22 Acetone	43	2.926	2.932	-0.006	100	1690025	500.0	498.4	
23 Iodomethane	142	3.036	3.041	-0.005	99	1325218	100.0	108.3	
24 Carbon disulfide	76	3.066	3.066	0.000	100	3584213	100.0	104.8	M
26 3-Chloro-1-propene	41	3.188	3.188	0.000	87	1188026	100.0	105.2	
28 Methyl acetate	43	3.231	3.230	0.001	97	4142259	500.0	490.7	
29 Methylene Chloride	84	3.389	3.383	0.006	92	1089924	100.0	93.6	
30 2-Methyl-2-propanol	59	3.481	3.493	-0.012	99	1483188	1000.0	1038.4	
31 Methyl tert-butyl ether	73	3.554	3.560	-0.006	95	2922429	100.0	100.5	
32 trans-1,2-Dichloroethene	96	3.566	3.566	0.000	97	929409	100.0	100.9	
33 Acrylonitrile	53	3.590	3.590	0.000	98	3684127	1000.0	984.9	
34 Hexane	57	3.785	3.779	0.006	93	1220412	100.0	98.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.974	3.974	0.000	96	1558712	100.0	102.7	M
38 Vinyl acetate	43	4.029	4.029	0.000	97	2508079	200.0	219.6	
42 2,2-Dichloropropane	77	4.499	4.498	0.001	91	537236	100.0	98.3	
43 cis-1,2-Dichloroethene	96	4.529	4.529	0.000	81	865456	100.0	100.0	
44 2-Butanone (MEK)	43	4.553	4.553	0.000	99	2554902	500.0	511.4	
48 Chlorobromomethane	128	4.761	4.761	0.000	97	425633	100.0	103.5	
49 Tetrahydrofuran	42	4.791	4.797	-0.006	85	679851	200.0	195.8	
50 Chloroform	85	4.834	4.834	0.000	94	969016	100.0	100.8	
51 1,1,1-Trichloroethane	97	4.968	4.962	0.006	98	978442	100.0	105.8	
52 Cyclohexane	56	4.992	4.986	0.006	93	1653538	100.0	100.8	
53 Carbon tetrachloride	117	5.108	5.108	0.000	97	1143335	100.0	117.7	
54 1,1-Dichloropropene	75	5.120	5.120	0.000	96	1141923	100.0	101.1	
55 Isobutyl alcohol	43	5.303	5.303	0.000	93	1452241	2500.0	2724.5	
56 Benzene	78	5.316	5.315	0.001	97	3298000	100.0	96.6	
57 1,2-Dichloroethane	62	5.370	5.370	0.000	98	1331910	100.0	101.3	
59 n-Heptane	43	5.517	5.517	0.000	90	1227111	100.0	99.9	
61 Trichloroethene	95	5.931	5.931	0.000	97	841384	100.0	99.7	
62 Methylcyclohexane	83	6.065	6.065	0.000	90	1513877	100.0	111.7	M
63 1,2-Dichloropropane	63	6.157	6.157	0.000	91	839570	100.0	101.8	
65 Dibromomethane	93	6.291	6.291	0.000	95	532021	100.0	103.4	
66 1,4-Dioxane	88	6.303	6.309	-0.006	93	245180	2000.0	2094.5	
67 Dichlorobromomethane	83	6.443	6.443	0.000	99	1188728	100.0	115.4	
70 2-Chloroethyl vinyl ether	63	6.718	6.718	0.000	93	675575	100.0	110.9	
72 cis-1,3-Dichloropropene	75	6.858	6.864	-0.006	94	1466980	100.0	109.8	
73 4-Methyl-2-pentanone (MIBK	43	6.998	6.998	0.000	94	4826758	500.0	499.4	
74 Toluene	92	7.163	7.163	0.000	98	2162625	100.0	103.1	
76 trans-1,3-Dichloropropene	75	7.425	7.425	0.000	95	1362869	100.0	116.8	
78 Ethyl methacrylate	69	7.480	7.480	0.000	88	1372436	100.0	112.4	
79 1,1,2-Trichloroethane	83	7.614	7.614	0.000	94	654833	100.0	105.9	
80 Tetrachloroethene	166	7.705	7.705	0.000	93	826715	100.0	103.0	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	93	1486280	100.0	104.7	
82 2-Hexanone	43	7.839	7.839	0.000	94	3610379	500.0	526.4	
83 Chlorodibromomethane	129	8.016	8.016	0.000	91	834164	100.0	105.3	
84 Ethylene Dibromide	107	8.120	8.120	0.000	98	821357	100.0	108.5	
86 Chlorobenzene	112	8.608	8.607	0.001	92	2295083	100.0	102.8	
88 1,1,1,2-Tetrachloroethane	131	8.699	8.699	0.000	92	774241	100.0	114.6	
89 Ethylbenzene	91	8.705	8.705	0.000	99	3990154	100.0	100.3	
90 m-Xylene & p-Xylene	106	8.827	8.827	0.000	0	1649083	100.0	104.6	
91 o-Xylene	106	9.254	9.254	0.000	97	1571067	100.0	103.7	
92 Styrene	104	9.278	9.278	0.000	94	2768546	100.0	106.7	
93 Bromoform	173	9.516	9.516	0.000	95	524886	100.0	102.4	
95 Isopropylbenzene	105	9.638	9.632	0.006	97	4107918	100.0	98.6	
97 Bromobenzene	156	9.973	9.973	0.000	97	959664	100.0	101.5	
98 1,1,2,2-Tetrachloroethane	83	10.004	10.004	0.000	96	1119381	100.0	105.3	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	88	380746	100.0	101.5	
100 trans-1,4-Dichloro-2-buten	53	10.052	10.052	0.000	78	403481	100.0	115.8	
101 N-Propylbenzene	91	10.059	10.058	0.001	98	4688213	100.0	97.2	
102 2-Chlorotoluene	126	10.156	10.156	0.000	95	942572	100.0	100.0	
104 1,3,5-Trimethylbenzene	105	10.235	10.235	0.000	93	3609478	100.0	101.4	
105 4-Chlorotoluene	126	10.266	10.266	0.000	98	1007202	100.0	101.8	
106 tert-Butylbenzene	134	10.552	10.546	0.006	92	787644	100.0	103.9	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	98	3737318	100.0	101.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.760	10.759	0.001	96	4517496	100.0	100.1	
110 1,3-Dichlorobenzene	146	10.888	10.887	0.001	95	1855217	100.0	99.3	
111 4-Isopropyltoluene	119	10.900	10.894	0.006	96	3817941	100.0	100.8	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	92	1962231	100.0	101.6	
115 n-Butylbenzene	91	11.278	11.278	0.000	97	3645855	100.0	103.0	
116 1,2-Dichlorobenzene	146	11.320	11.320	0.000	95	1889399	100.0	101.4	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	78	255512	100.0	129.7	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	93	1451736	100.0	107.3	
120 Hexachlorobutadiene	225	12.851	12.844	0.007	96	666383	100.0	110.3	
121 Naphthalene	128	12.936	12.936	0.000	98	3587969	100.0	112.4	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	94	1288307	100.0	108.4	
S 125 1,2-Dichloroethene, Total	1				0			200.9	
S 126 1,3-Dichloropropene, Total	1				0			226.6	
S 123 Total BTEX	1				0			508.3	
S 124 Xylenes, Total	1				0			208.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS CORP mix_00048	Amount Added: 50.00	Units: uL		
8260 CORP mix_00022	Amount Added: 50.00	Units: uL		
G_8260_IS_00065	Amount Added: 1.00	Units: uL	Run Reagent	
G_8260_Surr_00081	Amount Added: 1.00	Units: uL	Run Reagent	

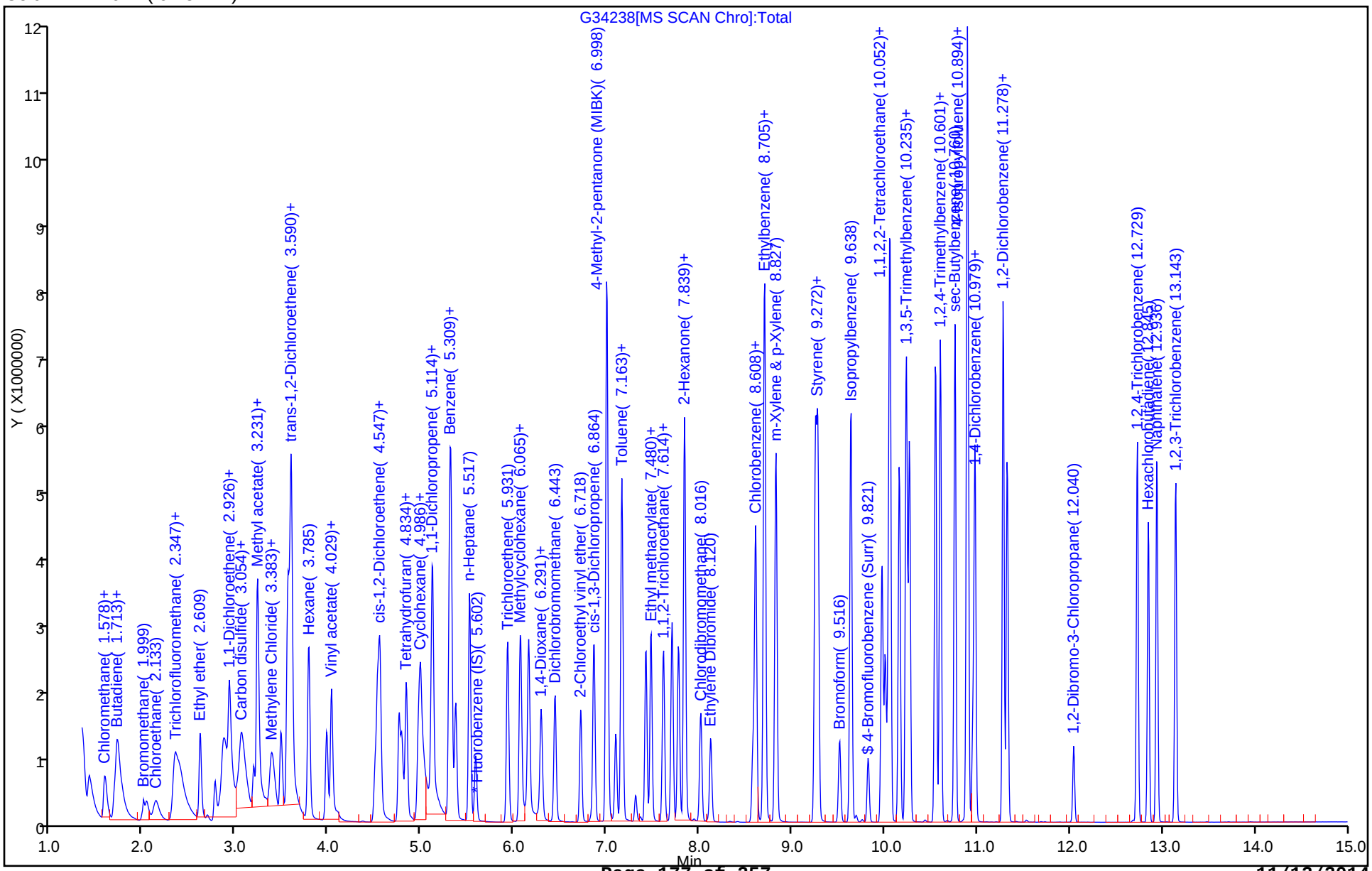
Report Date: 24-Sep-2014 10:28:58 Chrom Revision: 2.2 18-Aug-2014 12:17:36

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34238.D

Injection Date:	24-Sep-2014 06:42:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	IC 6			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

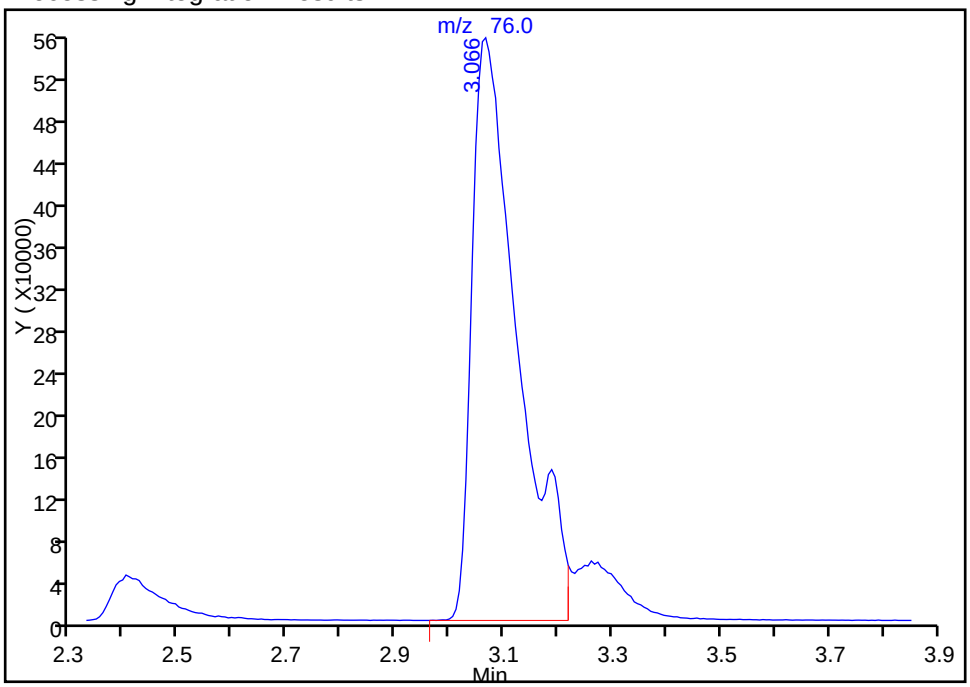
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34238.D
Injection Date: 24-Sep-2014 06:42:30 Instrument ID: HP5973G
Lims ID: IC 6
Client ID:
Operator ID: gtg ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

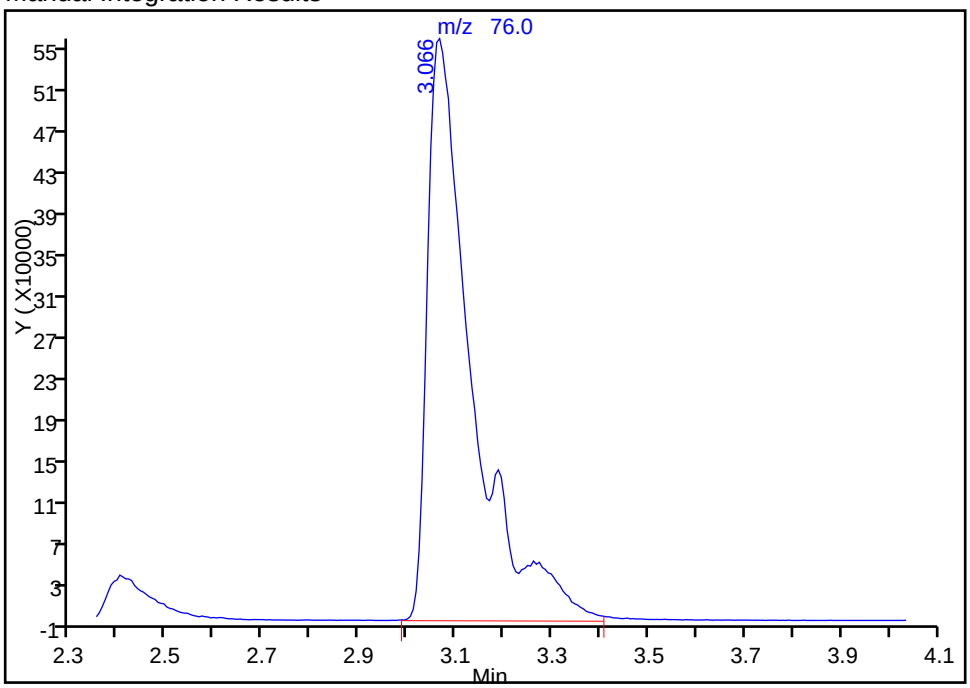
Processing Integration Results

RT: 3.07
Response: 3227434
Amount: 96.033570



Manual Integration Results

RT: 3.07
Response: 3584213
Amount: 104.7955



Reviewer: sobolr, 24-Sep-2014 10:28:57
Audit Action: Manually Integrated
Audit Reason: Split Peak

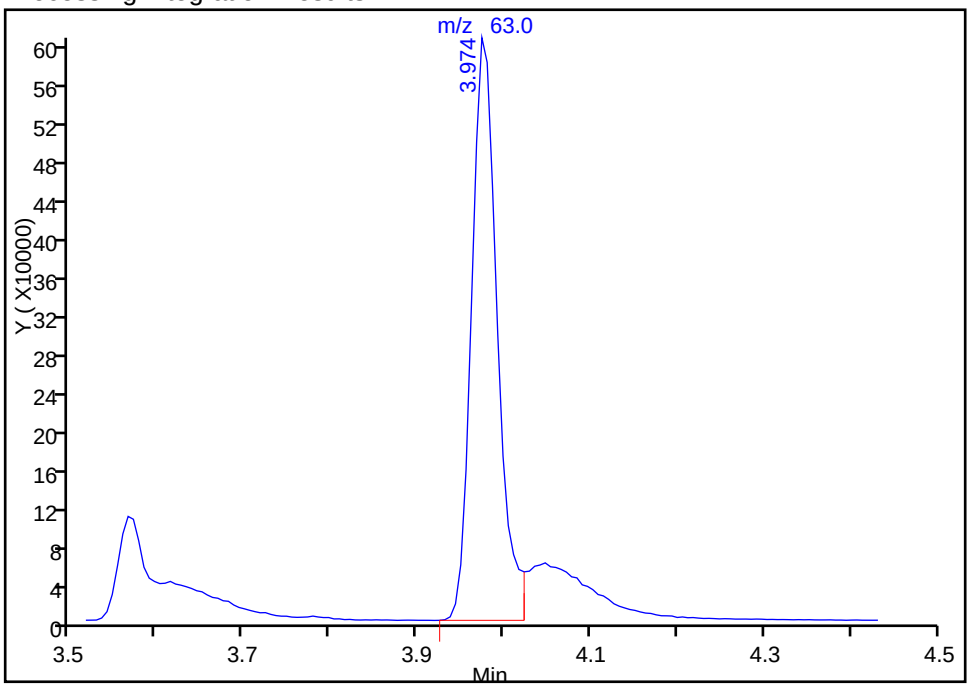
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34238.D
Injection Date: 24-Sep-2014 06:42:30 Instrument ID: HP5973G
Lims ID: IC 6
Client ID:
Operator ID: gtg ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3

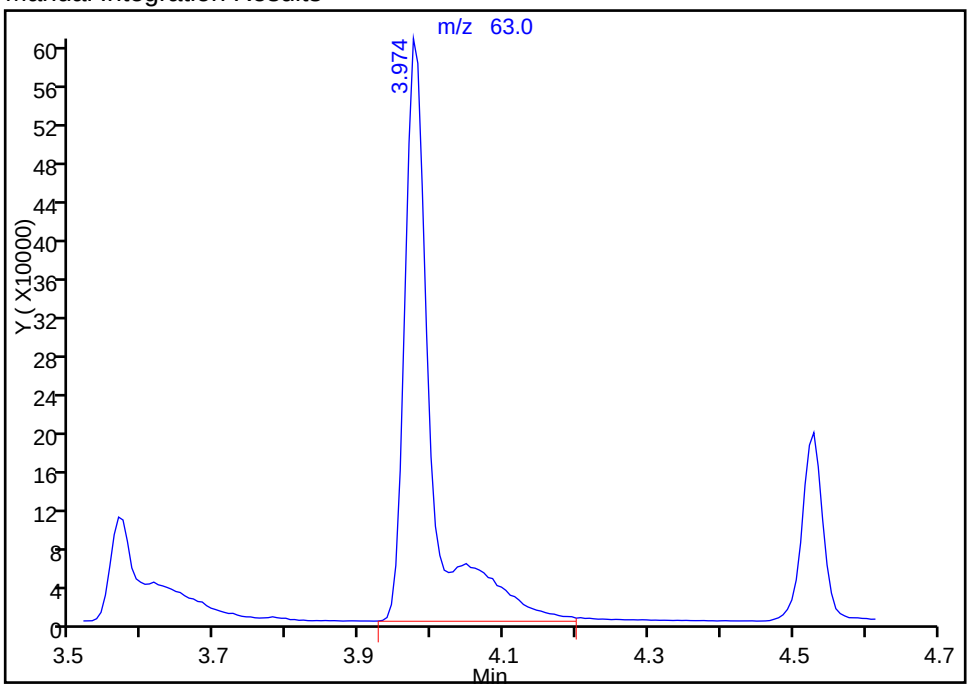
Processing Integration Results

RT: 3.97
Response: 1255714
Amount: 85.602424



Manual Integration Results

RT: 3.97
Response: 1558712
Amount: 102.7216



Reviewer: sobolr, 24-Sep-2014 10:23:59
Audit Action: Manually Integrated
Audit Reason: Split Peak

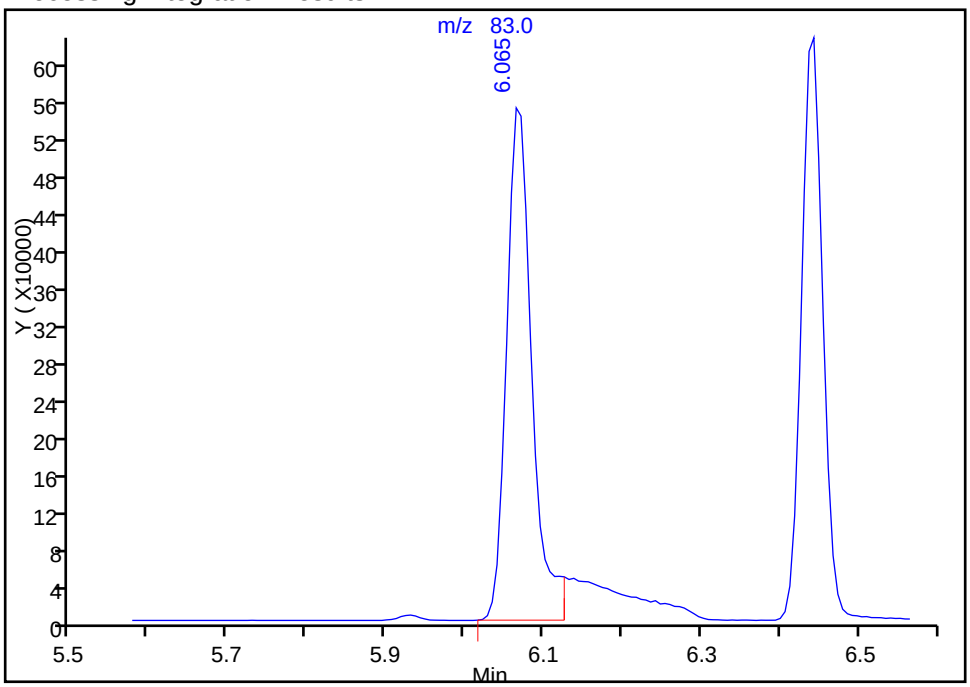
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34238.D
Injection Date: 24-Sep-2014 06:42:30 Instrument ID: HP5973G
Lims ID: IC 6
Client ID:
Operator ID: gtg ALS Bottle#: 13 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

62 Methylcyclohexane, CAS: 108-87-2

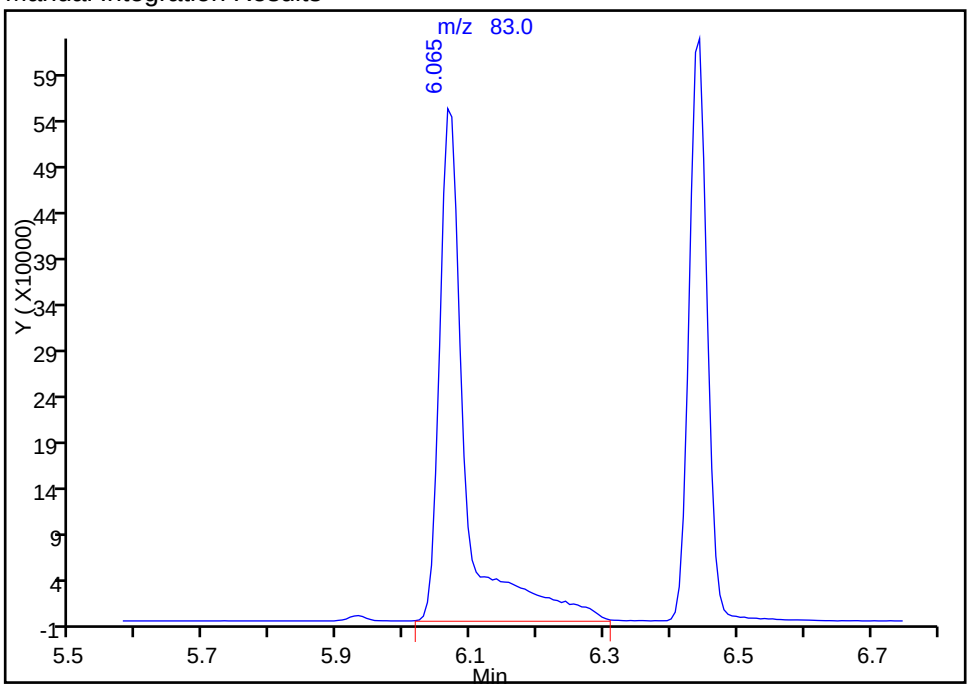
Processing Integration Results

RT: 6.07
Response: 1236412
Amount: 94.468087



Manual Integration Results

RT: 6.07
Response: 1513877
Amount: 111.7204



Reviewer: sobolr, 24-Sep-2014 10:28:57
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-212900/3 Calibration Date: 11/08/2014 10:10

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36191.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	2.153	1.085	0.1000	12.6	25.0	-49.6	50.0
Chloromethane	Ave	1.628	1.438	0.1000	22.1	25.0	-11.6	20.0
Butadiene	Ave	1.413	1.140		20.2	25.0	-19.4	20.0
Vinyl chloride	Ave	1.755	1.603	0.1000	22.8	25.0	-8.7	20.0
Bromomethane	Qua		0.2892	0.1000	15.0	25.0	-40.1	50.0
Chloroethane	Ave	1.030	0.8705	0.1000	21.1	25.0	-15.5	50.0
Trichlorofluoromethane	Ave	2.170	1.469	0.1000	16.9	25.0	-32.3*	20.0
Dichlorofluoromethane	Ave	2.012	2.094		26.0	25.0	4.1	20.0
Ethyl ether	Ave	1.070	1.114		26.0	25.0	4.1	20.0
Acrolein	Ave	0.1667	0.1604		120	125	-3.8	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	1.369	0.8303	0.1000	15.2	25.0	-39.3*	20.0
1,1-Dichloroethene	Ave	1.705	1.219	0.1000	17.9	25.0	-28.5*	20.0
Acetone	Ave	0.4990	0.4314	0.1000	108	125	-13.5	50.0
Iodomethane	Ave	1.800	1.628		22.6	25.0	-9.6	20.0
Carbon disulfide	Ave	5.033	4.148	0.1000	20.6	25.0	-17.6	20.0
Allyl chloride	Ave	1.662	1.480		22.3	25.0	-11.0	20.0
Methyl acetate	Ave	1.242	1.135	0.1000	114	125	-8.7	50.0
Methylene Chloride	Ave	1.714	1.532	0.1000	22.3	25.0	-10.6	20.0
2-Methyl-2-propanol	Ave	0.2102	0.1745		208	250	-17.0	50.0
Methyl tert-butyl ether	Ave	4.279	4.081	0.1000	23.8	25.0	-4.6	20.0
trans-1,2-Dichloroethene	Ave	1.356	1.180	0.1000	21.8	25.0	-13.0	20.0
Acrylonitrile	Ave	0.5505	0.5596		254	250	1.7	20.0
Hexane	Ave	1.816	1.154		15.9	25.0	-36.5*	20.0
1,1-Dichloroethane	Ave	2.233	2.002	0.2000	22.4	25.0	-10.4	20.0
Vinyl acetate	Ave	1.680	1.470		43.7	50.0	-12.5	20.0
2,2-Dichloropropane	Ave	0.8042	1.099		34.2	25.0	36.7*	20.0
cis-1,2-Dichloroethene	Ave	1.274	1.295	0.1000	25.4	25.0	1.7	20.0
2-Butanone (MEK)	Ave	0.7352	0.6703	0.1000	114	125	-8.8	20.0
Chlorobromomethane	Ave	0.6049	0.6054		25.0	25.0	0.0	20.0
Tetrahydrofuran	Ave	0.5110	0.4524		44.3	50.0	-11.5	20.0
Chloroform	Ave	1.415	1.280	0.2000	22.6	25.0	-9.5	20.0
1,1,1-Trichloroethane	Ave	1.361	1.366	0.1000	25.1	25.0	0.3	20.0
Cyclohexane	Ave	2.414	1.627	0.1000	16.8	25.0	-32.6*	20.0
Carbon tetrachloride	Ave	1.430	1.024	0.1000	17.9	25.0	-28.4*	20.0
1,1-Dichloropropene	Ave	1.663	1.449		21.8	25.0	-12.9	20.0
Isobutyl alcohol	Ave	0.0784	0.0752		599	625	-4.1	50.0
Benzene	Ave	5.022	5.064	0.5000	25.2	25.0	0.8	20.0
1,2-Dichloroethane	Ave	1.935	1.569	0.1000	20.3	25.0	-18.9	20.0
n-Heptane	Ave	1.808	1.176		16.3	25.0	-35.0*	20.0
Trichloroethene	Ave	1.242	1.161	0.2000	23.4	25.0	-6.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-212900/3 Calibration Date: 11/08/2014 10:10

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36191.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
Methylcyclohexane	Ave	2.196	1.573	0.1000	17.9	25.0	-28.3*	20.0
1,2-Dichloropropane	Ave	1.213	1.230	0.1000	25.3	25.0	1.4	20.0
Dibromomethane	Ave	0.7568	0.7102	0.1000	23.5	25.0	-6.2	20.0
1,4-Dioxane	Ave	0.0085	0.0083		493	500	-1.4	50.0
Bromodichloromethane	Ave	1.516	1.420	0.2000	23.4	25.0	-6.3	20.0
2-Chloroethyl vinyl ether	Ave	0.8965	0.9161		25.5	25.0	2.2	20.0
cis-1,3-Dichloropropene	Ave	1.966	1.915	0.2000	24.4	25.0	-2.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6983	0.6273	0.1000	112	125	-10.2	20.0
Toluene	Ave	1.515	1.504	0.4000	24.8	25.0	-0.7	20.0
trans-1,3-Dichloropropene	Ave	0.8432	0.7983	0.1000	23.7	25.0	-5.3	20.0
Ethyl methacrylate	Ave	0.8819	0.8903		25.2	25.0	0.9	20.0
1,1,2-Trichloroethane	Ave	0.4466	0.4630	0.1000	25.9	25.0	3.7	20.0
Tetrachloroethene	Ave	0.5799	0.5516	0.2000	23.8	25.0	-4.9	20.0
1,3-Dichloropropane	Ave	1.026	1.014		24.7	25.0	-1.2	20.0
2-Hexanone	Ave	0.4956	0.4573	0.1000	115	125	-7.7	20.0
Dibromochloromethane	Lin1		0.4558	0.1000	20.6	25.0	-17.7	20.0
1,2-Dibromoethane	Ave	0.5469	0.5544		25.3	25.0	1.4	20.0
Chlorobenzene	Ave	1.613	1.613	0.5000	25.0	25.0	0.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4881	0.4744		24.3	25.0	-2.8	20.0
Ethylbenzene	Ave	2.875	2.808	0.1000	24.4	25.0	-2.3	20.0
m,p-Xylene	Ave	1.139	1.115	0.1000	24.5	25.0	-2.1	20.0
o-Xylene	Ave	1.095	1.105	0.3000	25.2	25.0	0.9	20.0
Styrene	Ave	1.875	1.941	0.3000	25.9	25.0	3.5	20.0
Bromoform	Lin		0.2628	0.1000	20.8	25.0	-17.0	50.0
Isopropylbenzene	Ave	3.403	3.340	0.1000	24.5	25.0	-1.9	20.0
Bromobenzene	Ave	0.7722	0.7903		25.6	25.0	2.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8685	0.8994	0.3000	25.9	25.0	3.6	20.0
1,2,3-Trichloropropane	Ave	0.3063	0.2808		22.9	25.0	-8.3	20.0
N-Propylbenzene	Ave	3.939	3.919		24.9	25.0	-0.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2845	0.2206		19.4	25.0	-22.5	50.0
2-Chlorotoluene	Ave	0.7701	0.7512		24.4	25.0	-2.5	20.0
1,3,5-Trimethylbenzene	Ave	2.908	2.863		24.6	25.0	-1.5	20.0
4-Chlorotoluene	Ave	0.8085	0.7783		24.1	25.0	-3.7	20.0
tert-Butylbenzene	Ave	0.6193	0.6115		24.7	25.0	-1.2	20.0
1,2,4-Trimethylbenzene	Ave	3.004	3.016		25.1	25.0	0.4	20.0
sec-Butylbenzene	Ave	3.686	3.650		24.8	25.0	-1.0	20.0
1,3-Dichlorobenzene	Ave	1.526	1.538	0.6000	25.2	25.0	0.8	20.0
4-Isopropyltoluene	Ave	3.095	3.096		25.0	25.0	0.0	20.0
1,4-Dichlorobenzene	Ave	1.578	1.597	0.5000	25.3	25.0	1.2	20.0
n-Butylbenzene	Ave	2.892	2.877		24.9	25.0	-0.5	20.0
1,2-Dichlorobenzene	Ave	1.522	1.540	0.4000	25.3	25.0	1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-212900/3 Calibration Date: 11/08/2014 10:10

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36191.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1609	0.1432	0.0500	22.2	25.0	-11.0	50.0
1,2,4-Trichlorobenzene	Ave	1.105	1.146	0.2000	25.9	25.0	3.7	20.0
Hexachlorobutadiene	Ave	0.4934	0.4724		23.9	25.0	-4.3	20.0
Naphthalene	Ave	2.608	3.039		29.1	25.0	16.5	20.0
1,2,3-Trichlorobenzene	Ave	0.9706	1.072		27.6	25.0	10.4	20.0
Dibromofluoromethane (Surr)	Ave	1.070	1.032		24.1	25.0	-3.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8261	0.7098		21.5	25.0	-14.1	20.0
Toluene-d8 (Surr)	Ave	2.338	2.342		25.0	25.0	0.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6349	0.6369		25.1	25.0	0.3	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36191.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Nov-2014 10:10:30 ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0037210-003480-0037210-003
Operator ID: NQ Instrument ID: HP5973G
Sublist: chrom-G-8260*sub20

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Nov-2014 13:18:28 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: nguyendudziaknq Date: 08-Nov-2014 11:48:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.578	5.578	0.000	99	137472	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.571	8.571	0.000	86	290281	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.948	10.948	0.000	95	246485	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	93	141895	25.0	24.1	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	97579	25.0	21.5	
$ 5 Toluene-d8 (Surr)	98	7.089	7.089	0.000	92	679759	25.0	25.0	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	86	184876	25.0	25.1	
10 Dichlorodifluoromethane	85	1.414	1.414	0.000	99	149150	25.0	12.6	
12 Chloromethane	50	1.578	1.578	0.000	99	197746	25.0	22.1	
13 Vinyl chloride	62	1.694	1.694	0.000	98	220371	25.0	22.8	
144 Butadiene	54	1.694	1.694	0.000	78	156658	25.0	20.2	
14 Bromomethane	94	1.993	1.993	0.000	91	39760	25.0	15.0	
15 Chloroethane	64	2.133	2.133	0.000	97	119673	25.0	21.1	M
17 Trichlorofluoromethane	101	2.310	2.310	0.000	97	201944	25.0	16.9	
16 Dichlorofluoromethane	67	2.316	2.316	0.000	96	287928	25.0	26.0	M
18 Ethyl ether	59	2.609	2.609	0.000	88	153142	25.0	26.0	
19 Acrolein	56	2.773	2.773	0.000	99	110263	125.0	120.3	
21 1,1,2-Trichloro-1,2,2-trif	101	2.816	2.816	0.000	95	114142	25.0	15.2	
20 1,1-Dichloroethene	96	2.828	2.828	0.000	98	167565	25.0	17.9	
22 Acetone	43	2.926	2.926	0.000	99	296543	125.0	108.1	
23 Iodomethane	142	2.987	2.987	0.000	97	223770	25.0	22.6	
24 Carbon disulfide	76	3.035	3.035	0.000	98	570210	25.0	20.6	M
26 3-Chloro-1-propene	41	3.188	3.188	0.000	93	203426	25.0	22.3	
28 Methyl acetate	43	3.230	3.230	0.000	97	779865	125.0	114.2	
29 Methylene Chloride	84	3.334	3.334	0.000	87	210597	25.0	22.3	M
30 2-Methyl-2-propanol	59	3.486	3.486	0.000	100	239926	250.0	207.6	
31 Methyl tert-butyl ether	73	3.554	3.554	0.000	93	560993	25.0	23.8	
32 trans-1,2-Dichloroethene	96	3.566	3.566	0.000	99	162199	25.0	21.8	
33 Acrylonitrile	53	3.590	3.590	0.000	99	769279	250.0	254.1	
34 Hexane	57	3.779	3.779	0.000	88	158660	25.0	15.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.974	3.974	0.000	96	275182	25.0	22.4	
38 Vinyl acetate	43	4.023	4.023	0.000	97	404064	50.0	43.7	
42 2,2-Dichloropropane	77	4.498	4.498	0.000	87	151085	25.0	34.2	
43 cis-1,2-Dichloroethene	96	4.523	4.523	0.000	80	178070	25.0	25.4	
44 2-Butanone (MEK)	43	4.553	4.553	0.000	98	460741	125.0	114.0	
48 Chlorobromomethane	128	4.755	4.755	0.000	95	83231	25.0	25.0	
49 Tetrahydrofuran	42	4.791	4.791	0.000	88	124387	50.0	44.3	
50 Chloroform	85	4.834	4.834	0.000	93	176016	25.0	22.6	
51 1,1,1-Trichloroethane	97	4.962	4.962	0.000	98	187746	25.0	25.1	
52 Cyclohexane	56	4.986	4.986	0.000	82	223611	25.0	16.8	
53 Carbon tetrachloride	117	5.108	5.108	0.000	96	140708	25.0	17.9	
54 1,1-Dichloropropene	75	5.114	5.114	0.000	99	199197	25.0	21.8	
55 Isobutyl alcohol	43	5.303	5.303	0.000	98	258503	625.0	599.3	
56 Benzene	78	5.315	5.315	0.000	96	696193	25.0	25.2	
57 1,2-Dichloroethane	62	5.364	5.364	0.000	97	215657	25.0	20.3	
59 n-Heptane	43	5.517	5.517	0.000	89	161621	25.0	16.3	
61 Trichloroethene	95	5.925	5.925	0.000	99	159669	25.0	23.4	
62 Methylcyclohexane	83	6.065	6.065	0.000	85	216307	25.0	17.9	M
63 1,2-Dichloropropane	63	6.151	6.151	0.000	97	169042	25.0	25.3	
65 Dibromomethane	93	6.285	6.285	0.000	97	97635	25.0	23.5	
66 1,4-Dioxane	88	6.303	6.303	0.000	91	48440	500.0	493.2	
67 Dichlorobromomethane	83	6.437	6.437	0.000	99	195234	25.0	23.4	
70 2-Chloroethyl vinyl ether	63	6.718	6.718	0.000	92	125937	25.0	25.5	
72 cis-1,3-Dichloropropene	75	6.858	6.858	0.000	97	263322	25.0	24.4	
73 4-Methyl-2-pentanone (MIBK	43	6.998	6.998	0.000	94	910395	125.0	112.3	
74 Toluene	92	7.157	7.157	0.000	99	436554	25.0	24.8	
76 trans-1,3-Dichloropropene	75	7.419	7.419	0.000	91	231721	25.0	23.7	
78 Ethyl methacrylate	69	7.474	7.474	0.000	87	258426	25.0	25.2	
79 1,1,2-Trichloroethane	83	7.608	7.608	0.000	90	134389	25.0	25.9	
80 Tetrachloroethene	166	7.699	7.699	0.000	97	160111	25.0	23.8	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	88	294217	25.0	24.7	
82 2-Hexanone	43	7.839	7.839	0.000	92	663710	125.0	115.3	
83 Chlorodibromomethane	129	8.010	8.010	0.000	91	132299	25.0	20.6	
84 Ethylene Dibromide	107	8.120	8.120	0.000	99	160918	25.0	25.3	
86 Chlorobenzene	112	8.607	8.607	0.000	94	468235	25.0	25.0	
89 Ethylbenzene	91	8.699	8.699	0.000	98	815223	25.0	24.4	
88 1,1,1,2-Tetrachloroethane	131	8.699	8.699	0.000	93	137722	25.0	24.3	
90 m-Xylene & p-Xylene	106	8.821	8.821	0.000	99	323696	25.0	24.5	
91 o-Xylene	106	9.254	9.254	0.000	96	320713	25.0	25.2	
92 Styrene	104	9.278	9.278	0.000	94	563452	25.0	25.9	
93 Bromoform	173	9.510	9.510	0.000	97	76284	25.0	20.8	
95 Isopropylbenzene	105	9.632	9.632	0.000	96	823167	25.0	24.5	
97 Bromobenzene	156	9.973	9.973	0.000	94	194805	25.0	25.6	
98 1,1,2,2-Tetrachloroethane	83	10.004	10.004	0.000	93	221681	25.0	25.9	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	85	69211	25.0	22.9	
100 trans-1,4-Dichloro-2-buten	53	10.052	10.052	0.000	75	54368	25.0	19.4	
101 N-Propylbenzene	91	10.052	10.052	0.000	99	965947	25.0	24.9	
102 2-Chlorotoluene	126	10.156	10.156	0.000	96	185149	25.0	24.4	
104 1,3,5-Trimethylbenzene	105	10.229	10.229	0.000	93	705737	25.0	24.6	
105 4-Chlorotoluene	126	10.266	10.266	0.000	97	191841	25.0	24.1	
106 tert-Butylbenzene	134	10.546	10.546	0.000	92	150736	25.0	24.7	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	97	743282	25.0	25.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.759	10.759	0.000	94	899630	25.0	24.8	
110 1,3-Dichlorobenzene	146	10.887	10.887	0.000	97	378987	25.0	25.2	
111 4-Isopropyltoluene	119	10.894	10.894	0.000	97	763155	25.0	25.0	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	94	393690	25.0	25.3	
115 n-Butylbenzene	91	11.278	11.278	0.000	97	709218	25.0	24.9	
116 1,2-Dichlorobenzene	146	11.320	11.320	0.000	97	379648	25.0	25.3	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	83	35288	25.0	22.2	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	94	282452	25.0	25.9	
120 Hexachlorobutadiene	225	12.844	12.844	0.000	97	116427	25.0	23.9	
121 Naphthalene	128	12.936	12.936	0.000	97	749080	25.0	29.1	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	96	264231	25.0	27.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00022	Amount Added: 12.50	Units: uL	
GAS CORP mix_00055	Amount Added: 12.50	Units: uL	
G_8260_IS_00067	Amount Added: 1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added: 1.00	Units: uL	Run Reagent

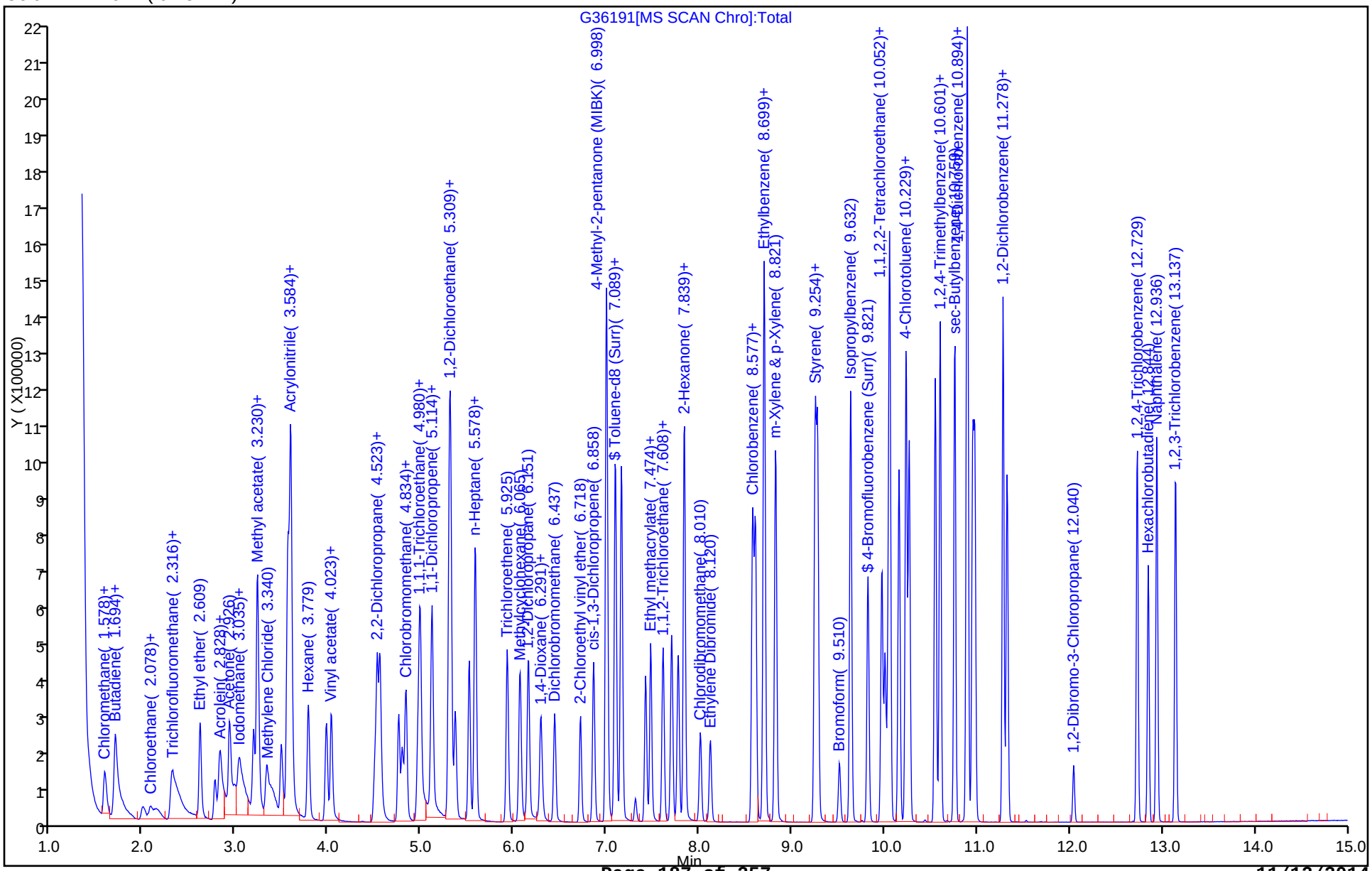
Report Date: 08-Nov-2014 13:18:29 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36191.D

Injection Date:	08-Nov-2014 10:10:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

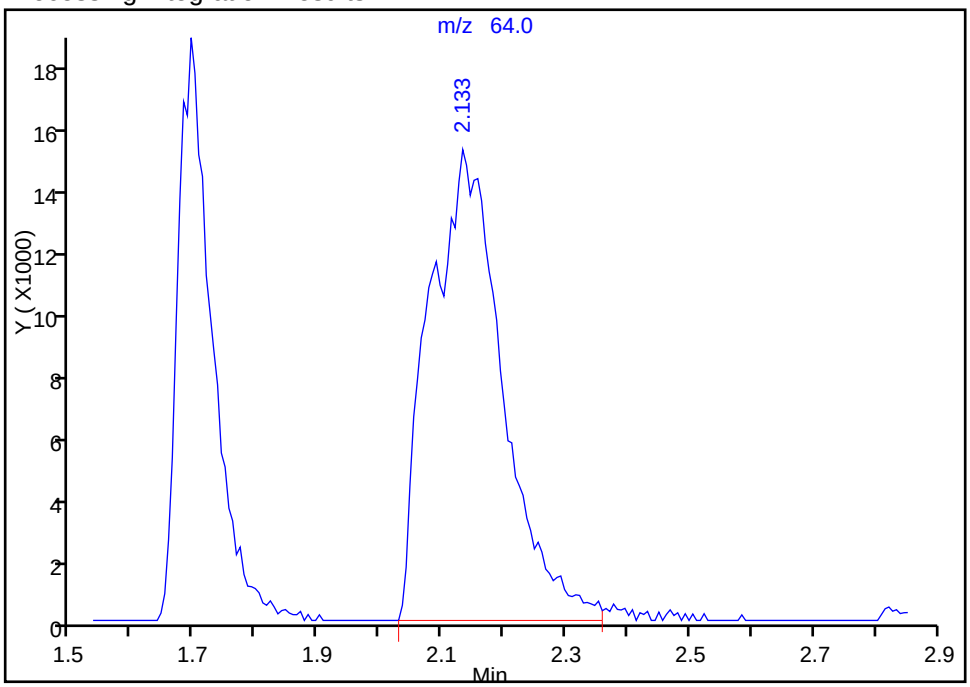
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36191.D
Injection Date: 08-Nov-2014 10:10:30 Instrument ID: HP5973G
Lims ID: CCVIS
Client ID:
Operator ID: NQ ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

15 Chloroethane, CAS: 75-00-3

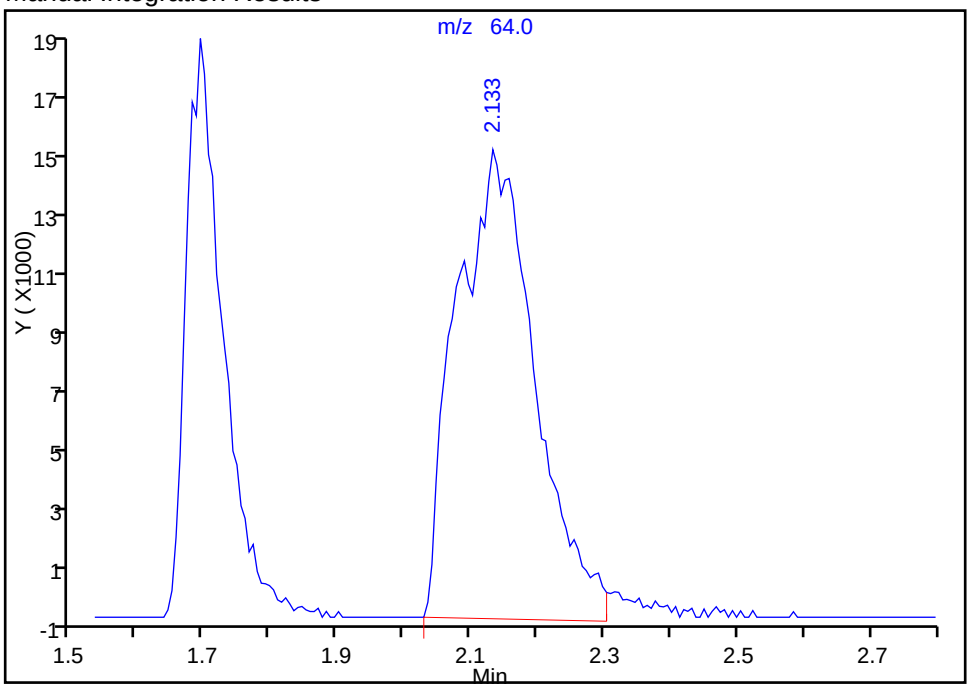
Processing Integration Results

RT: 2.13
Response: 120556
Amount: 21.284423



Manual Integration Results

RT: 2.13
Response: 119673
Amount: 21.128527



Reviewer: nguyendudziaknq, 08-Nov-2014 11:47:30
Audit Action: Manually Integrated
Audit Reason: Other

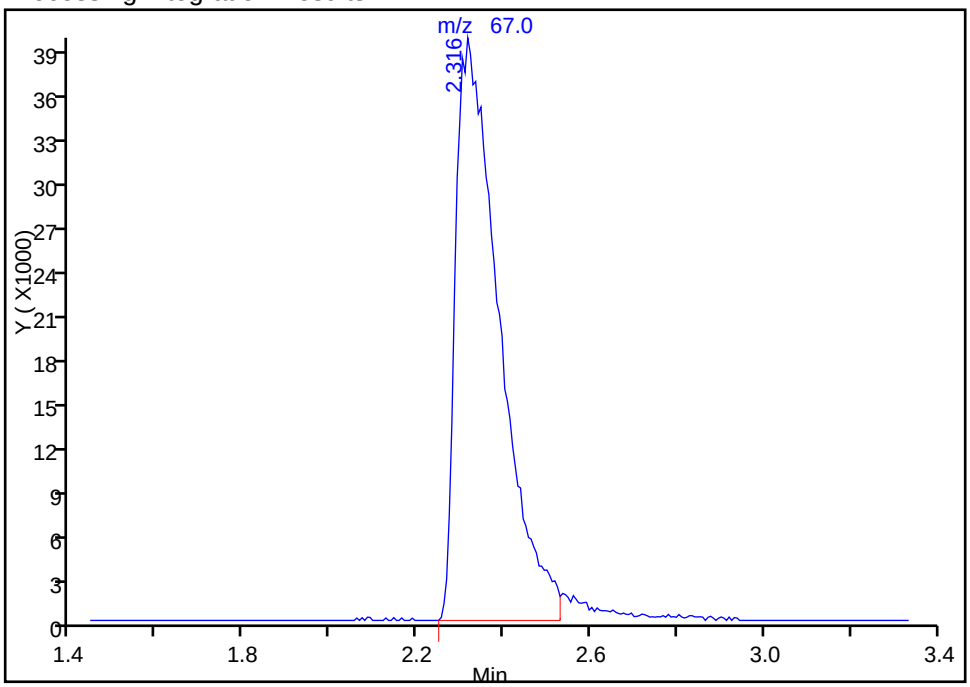
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36191.D
Injection Date: 08-Nov-2014 10:10:30 Instrument ID: HP5973G
Lims ID: CCVIS
Client ID:
Operator ID: NQ ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

16 Dichlorofluoromethane, CAS: 75-43-4

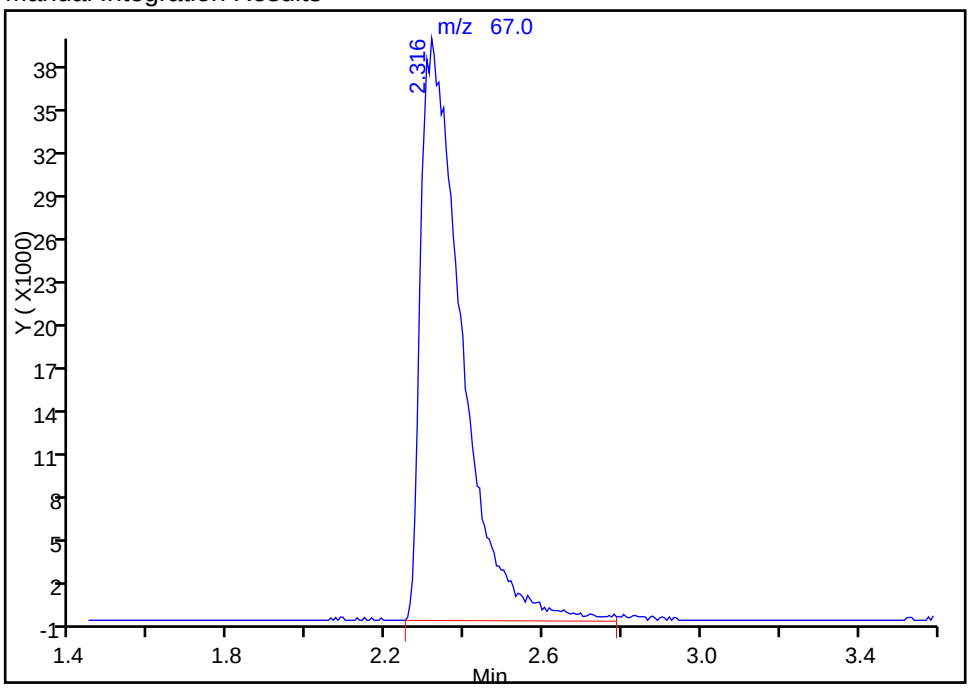
Processing Integration Results

RT: 2.32
Response: 276137
Amount: 24.953505



Manual Integration Results

RT: 2.32
Response: 287928
Amount: 26.019015



Reviewer: nguyendudziaknq, 08-Nov-2014 11:48:10
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

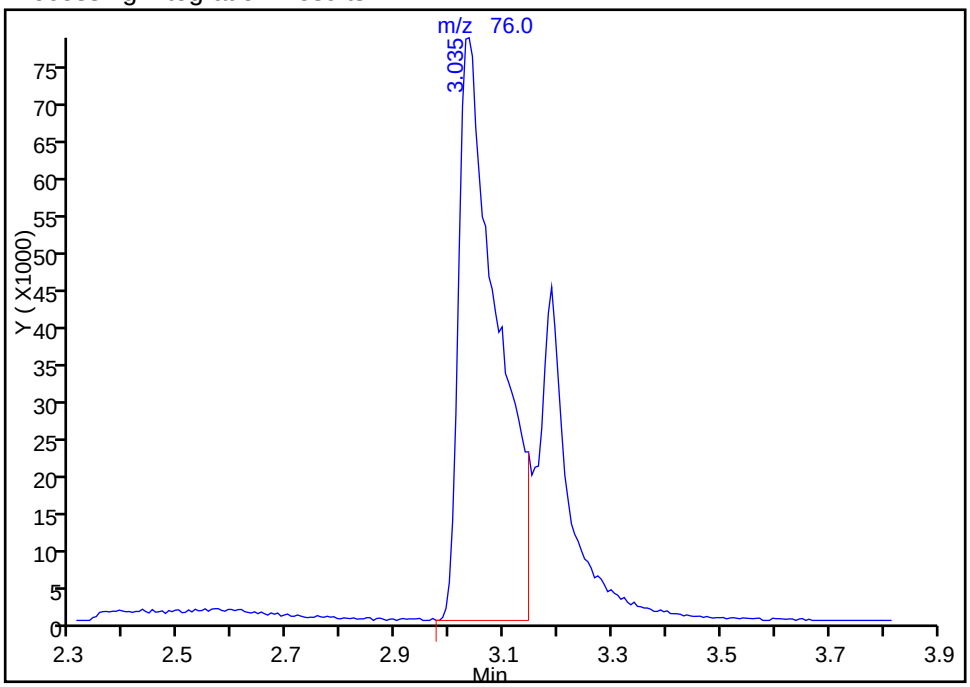
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36191.D
Injection Date: 08-Nov-2014 10:10:30 Instrument ID: HP5973G
Lims ID: CCVIS
Client ID:
Operator ID: NQ ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

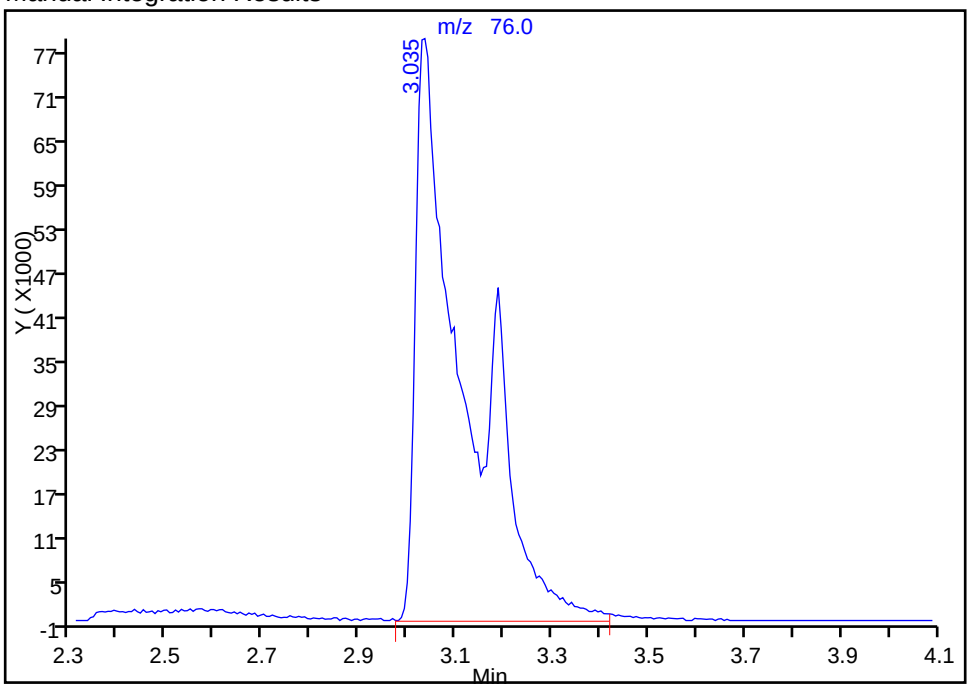
Processing Integration Results

RT: 3.04
Response: 392419
Amount: 14.179135



Manual Integration Results

RT: 3.04
Response: 570210
Amount: 20.603193



Reviewer: nguyendudziaknq, 08-Nov-2014 10:39:15
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

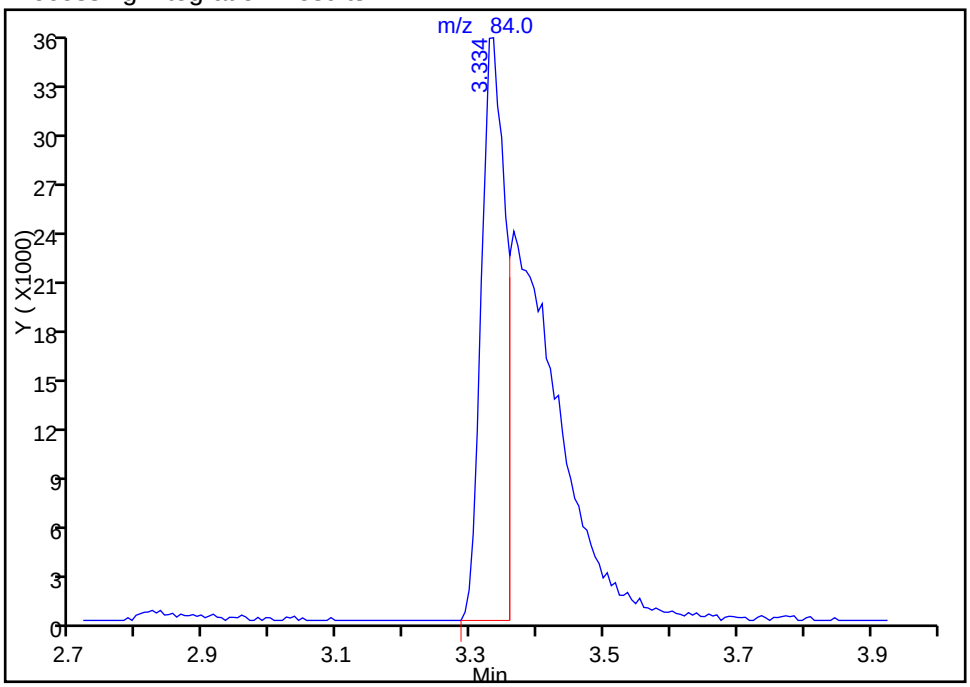
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36191.D
Injection Date: 08-Nov-2014 10:10:30 Instrument ID: HP5973G
Lims ID: CCVIS
Client ID:
Operator ID: NQ ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

29 Methylene Chloride, CAS: 75-09-2

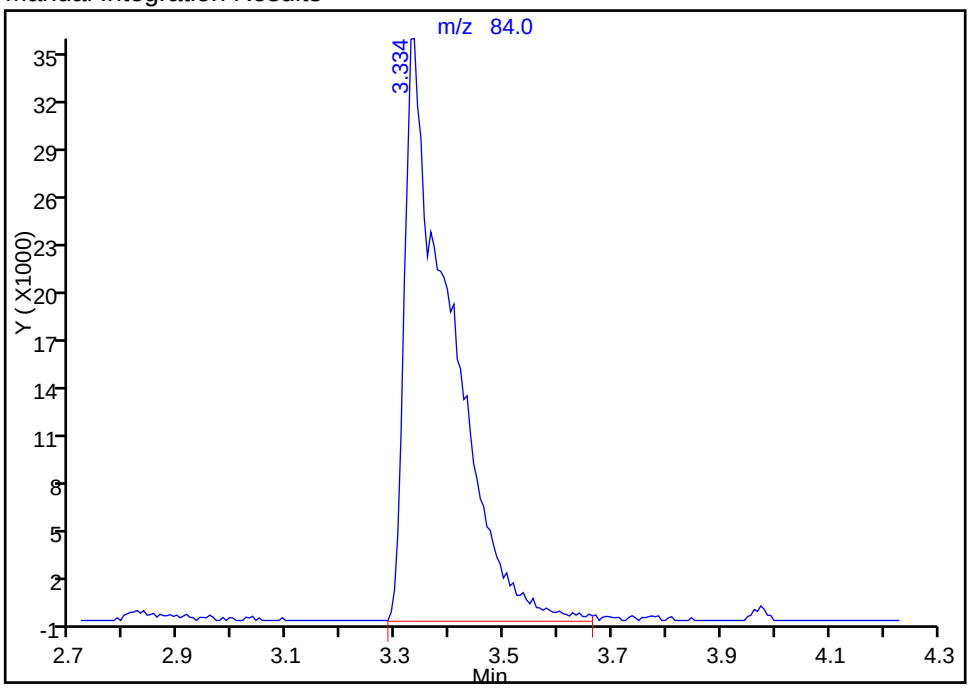
Processing Integration Results

RT: 3.33
Response: 90961
Amount: 9.652248



Manual Integration Results

RT: 3.33
Response: 210597
Amount: 22.347319



Reviewer: nguyendudziaknq, 08-Nov-2014 10:39:15
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

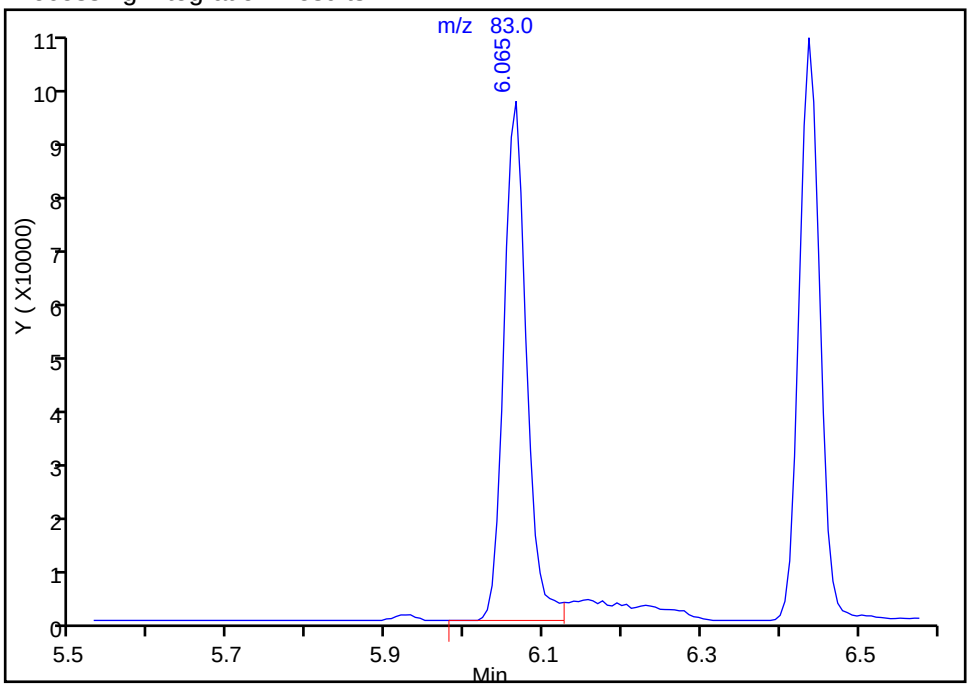
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36191.D
Injection Date: 08-Nov-2014 10:10:30 Instrument ID: HP5973G
Lims ID: CCVIS
Client ID:
Operator ID: NQ ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

62 Methylcyclohexane, CAS: 108-87-2

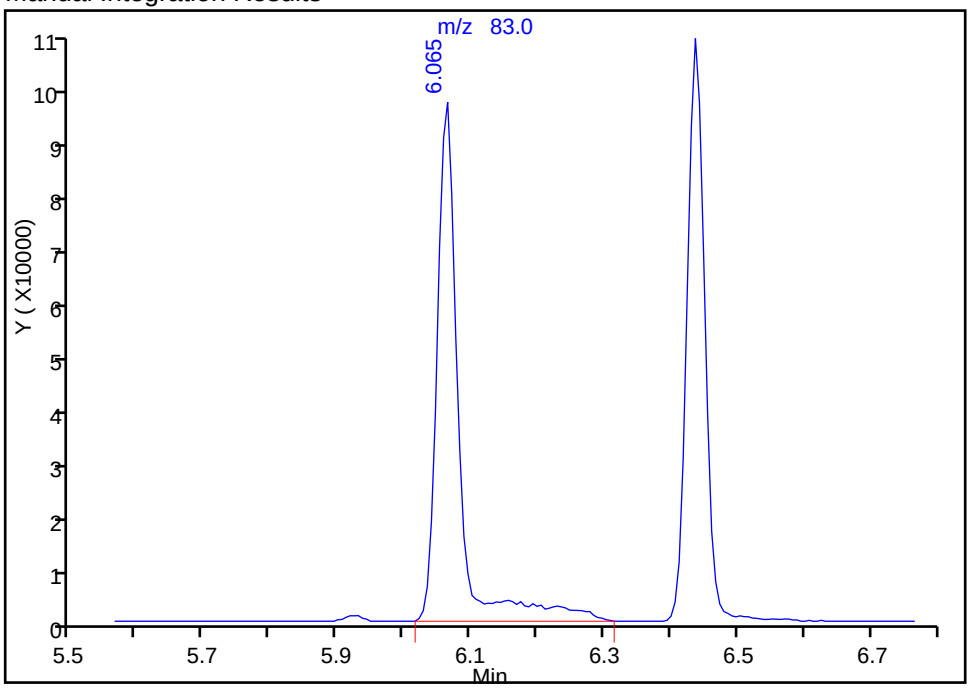
Processing Integration Results

RT: 6.07
Response: 190202
Amount: 15.751409



Manual Integration Results

RT: 6.07
Response: 216307
Amount: 17.913271



Reviewer: nguyendudziaknq, 08-Nov-2014 10:39:15
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-213019/3 Calibration Date: 11/09/2014 23:16

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36230.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	2.153	1.929	0.1000	22.4	25.0	-10.4	50.0
Chloromethane	Ave	1.628	1.708	0.1000	26.2	25.0	4.9	20.0
Butadiene	Ave	1.413	1.446		25.6	25.0	2.3	20.0
Vinyl chloride	Ave	1.755	1.926	0.1000	27.4	25.0	9.8	20.0
Bromomethane	Qua		0.5240	0.1000	24.7	25.0	-1.0	50.0
Chloroethane	Ave	1.030	1.008	0.1000	24.5	25.0	-2.1	50.0
Trichlorofluoromethane	Ave	2.170	1.957	0.1000	22.5	25.0	-9.8	20.0
Dichlorofluoromethane	Ave	2.012	2.186		27.2	25.0	8.6	20.0
Ethyl ether	Ave	1.070	1.095		25.6	25.0	2.3	20.0
Acrolein	Ave	0.1667	0.1473		110	125	-11.7	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	1.369	0.998	0.1000	18.2	25.0	-27.1*	20.0
1,1-Dichloroethene	Ave	1.705	1.397	0.1000	20.5	25.0	-18.1	20.0
Acetone	Ave	0.4990	0.4022	0.1000	101	125	-19.4	50.0
Iodomethane	Ave	1.800	1.701		23.6	25.0	-5.5	20.0
Carbon disulfide	Ave	5.033	4.556	0.1000	22.6	25.0	-9.5	20.0
Allyl chloride	Ave	1.662	1.699		25.5	25.0	2.2	20.0
Methyl acetate	Ave	1.242	1.069	0.1000	108	125	-13.9	50.0
Methylene Chloride	Ave	1.714	1.466	0.1000	21.4	25.0	-14.5	20.0
2-Methyl-2-propanol	Ave	0.2102	0.1506		179	250	-28.4	50.0
Methyl tert-butyl ether	Ave	4.279	3.895	0.1000	22.8	25.0	-9.0	20.0
trans-1,2-Dichloroethene	Ave	1.356	1.283	0.1000	23.7	25.0	-5.4	20.0
Acrylonitrile	Ave	0.5505	0.5330		242	250	-3.2	20.0
Hexane	Ave	1.816	1.838		25.3	25.0	1.2	20.0
1,1-Dichloroethane	Ave	2.233	2.136	0.2000	23.9	25.0	-4.3	20.0
Vinyl acetate	Ave	1.680	1.390		41.4	50.0	-17.3	20.0
2,2-Dichloropropane	Ave	0.8042	1.170		36.4	25.0	45.5*	20.0
cis-1,2-Dichloroethene	Ave	1.274	1.358	0.1000	26.7	25.0	6.6	20.0
2-Butanone (MEK)	Ave	0.7352	0.6078	0.1000	103	125	-17.3	20.0
Chlorobromomethane	Ave	0.6049	0.6088		25.2	25.0	0.6	20.0
Tetrahydrofuran	Ave	0.5110	0.4147		40.6	50.0	-18.9	20.0
Chloroform	Ave	1.415	1.325	0.2000	23.4	25.0	-6.4	20.0
1,1,1-Trichloroethane	Ave	1.361	1.514	0.1000	27.8	25.0	11.2	20.0
Cyclohexane	Ave	2.414	2.213	0.1000	22.9	25.0	-8.3	20.0
Carbon tetrachloride	Ave	1.430	1.175	0.1000	20.6	25.0	-17.8	20.0
1,1-Dichloropropene	Ave	1.663	1.619		24.3	25.0	-2.7	20.0
Isobutyl alcohol	Ave	0.0784	0.0649		517	625	-17.3	50.0
Benzene	Ave	5.022	5.356	0.5000	26.7	25.0	6.6	20.0
1,2-Dichloroethane	Ave	1.935	1.545	0.1000	20.0	25.0	-20.2*	20.0
n-Heptane	Ave	1.808	1.799		24.9	25.0	-0.5	20.0
Trichloroethene	Ave	1.242	1.248	0.2000	25.1	25.0	0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-213019/3 Calibration Date: 11/09/2014 23:16

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36230.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
Methylcyclohexane	Ave	2.196	2.052	0.1000	23.4	25.0	-6.6	20.0
1,2-Dichloropropane	Ave	1.213	1.259	0.1000	25.9	25.0	3.8	20.0
Dibromomethane	Ave	0.7568	0.7128	0.1000	23.5	25.0	-5.8	20.0
1,4-Dioxane	Ave	0.0085	0.0076		446	500	-10.8	50.0
Bromodichloromethane	Ave	1.516	1.465	0.2000	24.2	25.0	-3.4	20.0
2-Chloroethyl vinyl ether	Ave	0.8965	0.8677		24.2	25.0	-3.2	20.0
cis-1,3-Dichloropropene	Ave	1.966	1.959	0.2000	24.9	25.0	-0.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6983	0.5759	0.1000	103	125	-17.5	20.0
Toluene	Ave	1.515	1.602	0.4000	26.4	25.0	5.7	20.0
trans-1,3-Dichloropropene	Ave	0.8432	0.7760	0.1000	23.0	25.0	-8.0	20.0
Ethyl methacrylate	Ave	0.8819	0.8317		23.6	25.0	-5.7	20.0
1,1,2-Trichloroethane	Ave	0.4466	0.4559	0.1000	25.5	25.0	2.1	20.0
Tetrachloroethene	Ave	0.5799	0.6027	0.2000	26.0	25.0	3.9	20.0
1,3-Dichloropropane	Ave	1.026	0.996		24.3	25.0	-2.9	20.0
2-Hexanone	Ave	0.4956	0.4144	0.1000	105	125	-16.4	20.0
Dibromochloromethane	Lin1		0.4625	0.1000	20.9	25.0	-16.6	20.0
1,2-Dibromoethane	Ave	0.5469	0.5301		24.2	25.0	-3.1	20.0
Chlorobenzene	Ave	1.613	1.667	0.5000	25.8	25.0	3.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4881	0.4727		24.2	25.0	-3.2	20.0
Ethylbenzene	Ave	2.875	2.929	0.1000	25.5	25.0	1.9	20.0
m,p-Xylene	Ave	1.139	1.198	0.1000	26.3	25.0	5.1	20.0
o-Xylene	Ave	1.095	1.133	0.3000	25.9	25.0	3.5	20.0
Styrene	Ave	1.875	1.975	0.3000	26.3	25.0	5.4	20.0
Bromoform	Lin		0.2621	0.1000	20.7	25.0	-17.1	50.0
Isopropylbenzene	Ave	3.403	3.447	0.1000	25.3	25.0	1.3	20.0
Bromobenzene	Ave	0.7722	0.7820		25.3	25.0	1.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8685	0.8488	0.3000	24.4	25.0	-2.3	20.0
1,2,3-Trichloropropane	Ave	0.3063	0.2639		21.5	25.0	-13.9	20.0
N-Propylbenzene	Ave	3.939	4.070		25.8	25.0	3.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2845	0.2033		17.9	25.0	-28.5	50.0
2-Chlorotoluene	Ave	0.7701	0.7621		24.7	25.0	-1.0	20.0
1,3,5-Trimethylbenzene	Ave	2.908	2.954		25.4	25.0	1.6	20.0
4-Chlorotoluene	Ave	0.8085	0.8169		25.3	25.0	1.0	20.0
tert-Butylbenzene	Ave	0.6193	0.6317		25.5	25.0	2.0	20.0
1,2,4-Trimethylbenzene	Ave	3.004	3.039		25.3	25.0	1.2	20.0
sec-Butylbenzene	Ave	3.686	3.847		26.1	25.0	4.4	20.0
1,3-Dichlorobenzene	Ave	1.526	1.559	0.6000	25.5	25.0	2.2	20.0
4-Isopropyltoluene	Ave	3.095	3.188		25.7	25.0	3.0	20.0
1,4-Dichlorobenzene	Ave	1.578	1.598	0.5000	25.3	25.0	1.3	20.0
n-Butylbenzene	Ave	2.892	2.996		25.9	25.0	3.6	20.0
1,2-Dichlorobenzene	Ave	1.522	1.499	0.4000	24.6	25.0	-1.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-213019/3 Calibration Date: 11/09/2014 23:16

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36230.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1609	0.1369	0.0500	21.3	25.0	-14.9	50.0
1,2,4-Trichlorobenzene	Ave	1.105	1.135	0.2000	25.7	25.0	2.7	20.0
Hexachlorobutadiene	Ave	0.4934	0.5137		26.0	25.0	4.1	20.0
Naphthalene	Ave	2.608	2.883		27.6	25.0	10.6	20.0
1,2,3-Trichlorobenzene	Ave	0.9706	1.052		27.1	25.0	8.4	20.0
Dibromofluoromethane (Surr)	Ave	1.070	1.001		23.4	25.0	-6.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8261	0.6950		21.0	25.0	-15.9	20.0
Toluene-d8 (Surr)	Ave	2.338	2.251		24.1	25.0	-3.7	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6349	0.6162		24.3	25.0	-3.0	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36230.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Nov-2014 23:16:30 ALS Bottle#: 72 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0037230-003480-0037230-003
Operator ID: gtg Instrument ID: HP5973G
Sublist: chrom-G-8260*sub20

Method: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 10-Nov-2014 00:01:45 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 10-Nov-2014 00:01:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.578	5.578	0.000	99	137798	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.571	8.571	0.000	85	292957	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.949	0.000	95	253454	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	87	137969	25.0	23.4	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.291	5.291	0.000	0	95772	25.0	21.0	
$ 5 Toluene-d8 (Surr)	98	7.090	7.090	0.000	92	659531	25.0	24.1	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	87	180507	25.0	24.3	
10 Dichlorodifluoromethane	85	1.414	1.414	0.000	99	265828	25.0	22.4	
12 Chloromethane	50	1.579	1.579	0.000	99	235311	25.0	26.2	
13 Vinyl chloride	62	1.694	1.694	0.000	97	265450	25.0	27.4	
144 Butadiene	54	1.694	1.694	0.000	90	199228	25.0	25.6	
14 Bromomethane	94	1.993	1.993	0.000	90	72207	25.0	24.7	M
15 Chloroethane	64	2.139	2.139	0.000	98	138960	25.0	24.5	
17 Trichlorofluoromethane	101	2.304	2.304	0.000	97	269699	25.0	22.5	
16 Dichlorofluoromethane	67	2.328	2.328	0.000	96	301187	25.0	27.2	
18 Ethyl ether	59	2.609	2.609	0.000	87	150930	25.0	25.6	
19 Acrolein	56	2.767	2.767	0.000	98	101476	125.0	110.4	
21 1,1,2-Trichloro-1,2,2-trif	101	2.816	2.816	0.000	93	137545	25.0	18.2	
20 1,1-Dichloroethene	96	2.828	2.828	0.000	98	192560	25.0	20.5	
22 Acetone	43	2.926	2.926	0.000	99	277117	125.0	100.8	
23 Iodomethane	142	2.987	2.987	0.000	99	234349	25.0	23.6	
24 Carbon disulfide	76	3.029	3.029	0.000	98	627784	25.0	22.6	M
26 3-Chloro-1-propene	41	3.188	3.188	0.000	94	234074	25.0	25.5	
28 Methyl acetate	43	3.225	3.225	0.000	97	736684	125.0	107.6	
29 Methylene Chloride	84	3.328	3.328	0.000	88	202012	25.0	21.4	M
30 2-Methyl-2-propanol	59	3.487	3.487	0.000	100	207517	250.0	179.1	
31 Methyl tert-butyl ether	73	3.554	3.554	0.000	93	536707	25.0	22.8	
32 trans-1,2-Dichloroethene	96	3.560	3.560	0.000	99	176767	25.0	23.7	
33 Acrylonitrile	53	3.584	3.584	0.000	100	734488	250.0	242.1	
34 Hexane	57	3.779	3.779	0.000	88	253259	25.0	25.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.974	3.974	0.000	96	294372	25.0	23.9	
38 Vinyl acetate	43	4.023	4.023	0.000	96	383029	50.0	41.4	
42 2,2-Dichloropropane	77	4.493	4.493	0.000	88	161199	25.0	36.4	
43 cis-1,2-Dichloroethene	96	4.523	4.523	0.000	79	187111	25.0	26.7	
44 2-Butanone (MEK)	43	4.554	4.554	0.000	98	418751	125.0	103.3	
48 Chlorobromomethane	128	4.755	4.755	0.000	96	83890	25.0	25.2	
49 Tetrahydrofuran	42	4.791	4.791	0.000	87	114277	50.0	40.6	
50 Chloroform	85	4.834	4.834	0.000	93	182522	25.0	23.4	
51 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	208629	25.0	27.8	
52 Cyclohexane	56	4.986	4.986	0.000	86	304935	25.0	22.9	
53 Carbon tetrachloride	117	5.108	5.108	0.000	97	161924	25.0	20.6	
54 1,1-Dichloropropene	75	5.114	5.114	0.000	99	223048	25.0	24.3	
55 Isobutyl alcohol	43	5.303	5.303	0.000	95	223438	625.0	516.8	
56 Benzene	78	5.316	5.316	0.000	96	738036	25.0	26.7	
57 1,2-Dichloroethane	62	5.364	5.364	0.000	97	212869	25.0	20.0	
59 n-Heptane	43	5.511	5.511	0.000	88	247879	25.0	24.9	
61 Trichloroethene	95	5.925	5.925	0.000	99	171914	25.0	25.1	
62 Methylcyclohexane	83	6.065	6.065	0.000	86	282743	25.0	23.4	
63 1,2-Dichloropropane	63	6.151	6.151	0.000	97	173472	25.0	25.9	
65 Dibromomethane	93	6.285	6.285	0.000	96	98215	25.0	23.5	
66 1,4-Dioxane	88	6.297	6.297	0.000	93	44228	500.0	446.2	
67 Dichlorobromomethane	83	6.437	6.437	0.000	99	201864	25.0	24.2	
70 2-Chloroethyl vinyl ether	63	6.712	6.712	0.000	92	119560	25.0	24.2	
72 cis-1,3-Dichloropropene	75	6.858	6.858	0.000	97	269883	25.0	24.9	
73 4-Methyl-2-pentanone (MIBK	43	6.998	6.998	0.000	93	843622	125.0	103.1	
74 Toluene	92	7.157	7.157	0.000	99	469323	25.0	26.4	
76 trans-1,3-Dichloropropene	75	7.419	7.419	0.000	90	227344	25.0	23.0	
78 Ethyl methacrylate	69	7.474	7.474	0.000	87	243647	25.0	23.6	
79 1,1,2-Trichloroethane	83	7.608	7.608	0.000	90	133549	25.0	25.5	
80 Tetrachloroethene	166	7.699	7.699	0.000	97	176570	25.0	26.0	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	87	291808	25.0	24.3	
82 2-Hexanone	43	7.833	7.833	0.000	92	607002	125.0	104.5	
83 Chlorodibromomethane	129	8.010	8.010	0.000	90	135494	25.0	20.9	
84 Ethylene Dibromide	107	8.114	8.114	0.000	98	155305	25.0	24.2	
86 Chlorobenzene	112	8.602	8.602	0.000	94	488360	25.0	25.8	
88 1,1,1,2-Tetrachloroethane	131	8.693	8.693	0.000	92	138468	25.0	24.2	
89 Ethylbenzene	91	8.699	8.699	0.000	98	858123	25.0	25.5	
90 m-Xylene & p-Xylene	106	8.821	8.821	0.000	99	350833	25.0	26.3	
91 o-Xylene	106	9.248	9.248	0.000	97	331970	25.0	25.9	
92 Styrene	104	9.272	9.272	0.000	95	578644	25.0	26.3	
93 Bromoform	173	9.510	9.510	0.000	97	76789	25.0	20.7	
95 Isopropylbenzene	105	9.632	9.632	0.000	95	873675	25.0	25.3	
97 Bromobenzene	156	9.967	9.967	0.000	94	198195	25.0	25.3	
98 1,1,2,2-Tetrachloroethane	83	10.004	10.004	0.000	93	215142	25.0	24.4	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	84	66876	25.0	21.5	
100 trans-1,4-Dichloro-2-buten	53	10.052	10.052	0.000	72	51530	25.0	17.9	
101 N-Propylbenzene	91	10.052	10.052	0.000	99	1031633	25.0	25.8	
102 2-Chlorotoluene	126	10.156	10.156	0.000	96	193164	25.0	24.7	
104 1,3,5-Trimethylbenzene	105	10.229	10.229	0.000	93	748686	25.0	25.4	
105 4-Chlorotoluene	126	10.266	10.266	0.000	97	207050	25.0	25.3	
106 tert-Butylbenzene	134	10.546	10.546	0.000	92	160105	25.0	25.5	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	97	770224	25.0	25.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.754	10.754	0.000	94	974929	25.0	26.1	
110 1,3-Dichlorobenzene	146	10.888	10.888	0.000	97	395175	25.0	25.5	
111 4-Isopropyltoluene	119	10.894	10.894	0.000	97	808007	25.0	25.7	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	94	405028	25.0	25.3	
115 n-Butylbenzene	91	11.278	11.278	0.000	97	759349	25.0	25.9	
116 1,2-Dichlorobenzene	146	11.321	11.321	0.000	97	380017	25.0	24.6	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	84	34701	25.0	21.3	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	94	287752	25.0	25.7	
120 Hexachlorobutadiene	225	12.845	12.845	0.000	97	130210	25.0	26.0	
121 Naphthalene	128	12.936	12.936	0.000	97	730805	25.0	27.6	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	96	266680	25.0	27.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00022	Amount Added: 12.50	Units: uL	
GAS CORP mix_00056	Amount Added: 12.50	Units: uL	
G_8260_IS_00067	Amount Added: 1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added: 1.00	Units: uL	Run Reagent

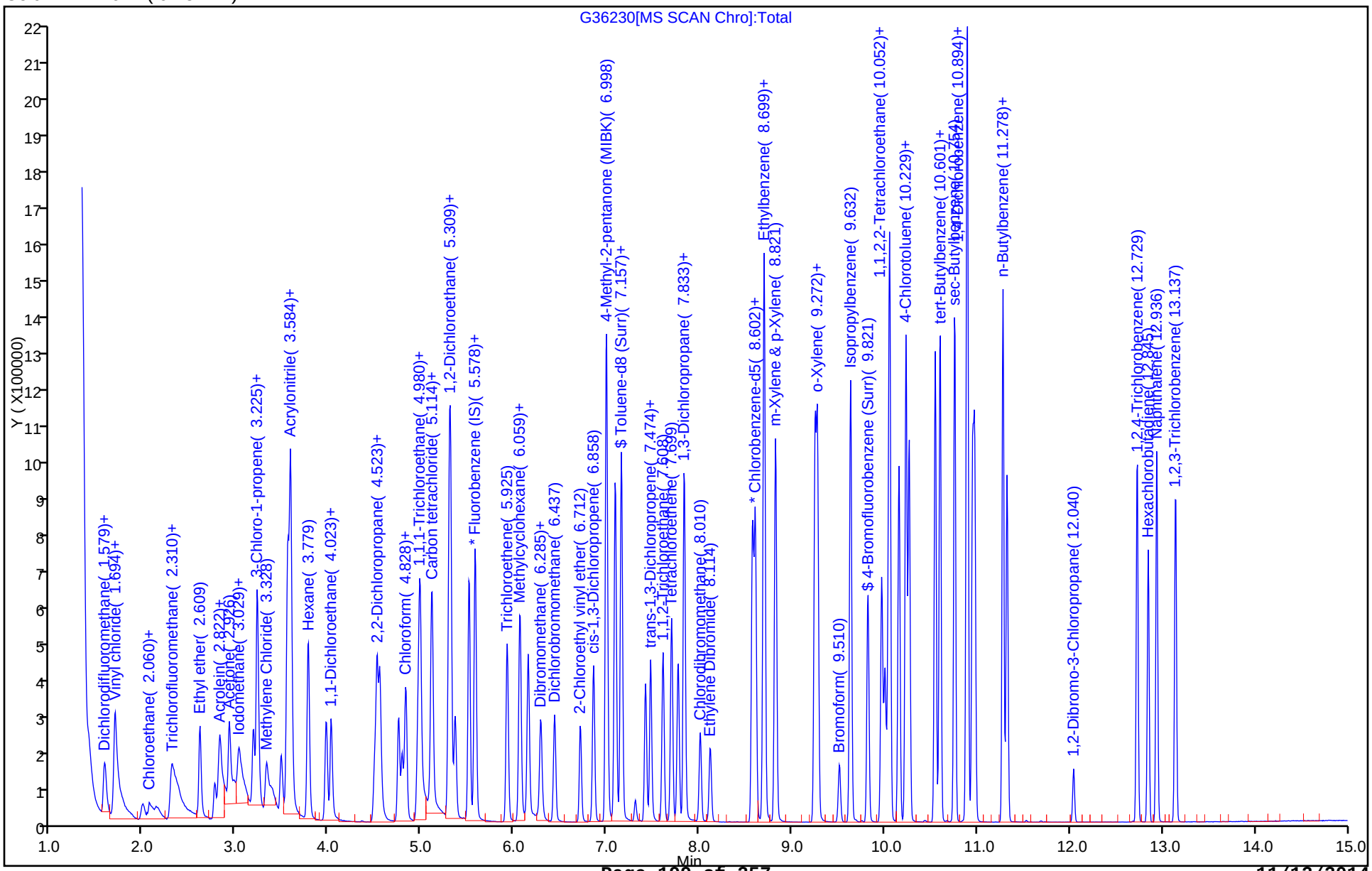
Report Date: 10-Nov-2014 00:01:47 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36230.D

Injection Date:	09-Nov-2014 23:16:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	72
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

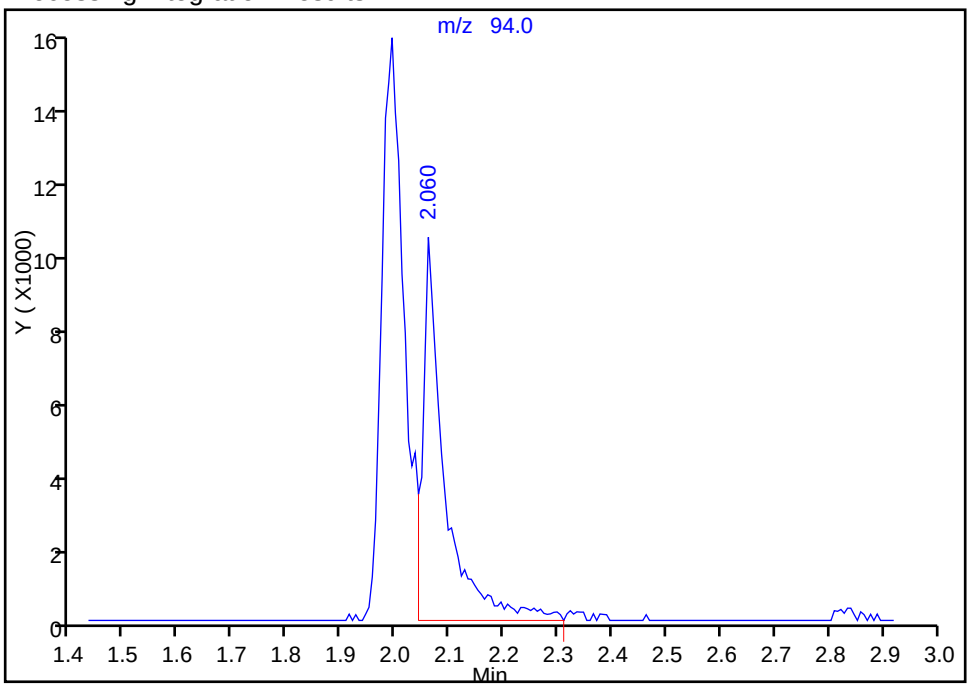
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36230.D
Injection Date: 09-Nov-2014 23:16:30 Instrument ID: HP5973G
Lims ID: CCVIS
Client ID:
Operator ID: gtg ALS Bottle#: 72 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

14 Bromomethane, CAS: 74-83-9

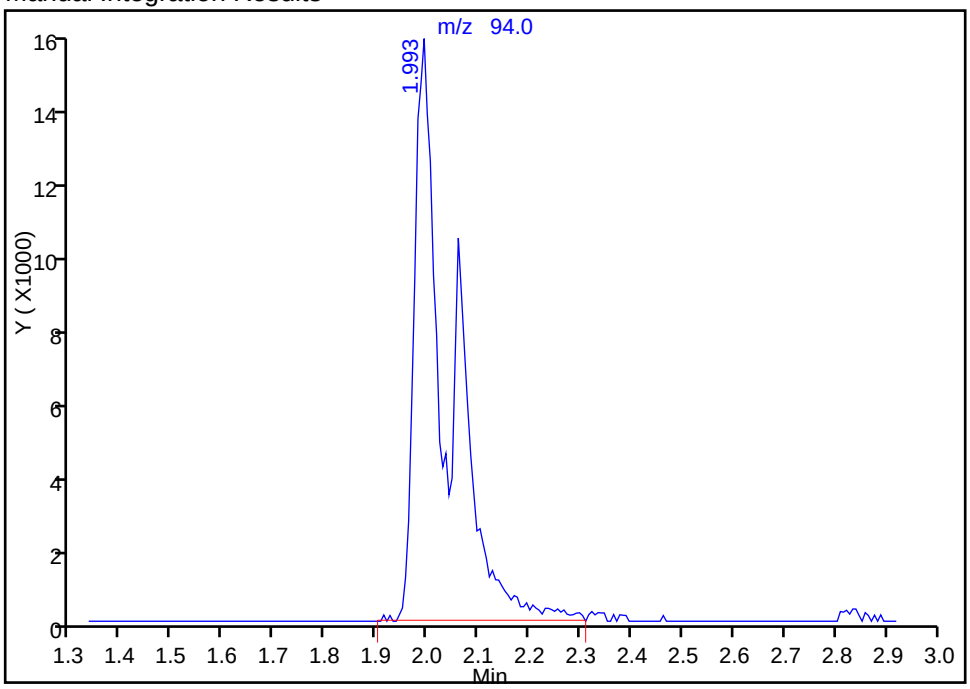
Processing Integration Results

RT: 2.06
Response: 28802
Amount: 11.488767



Manual Integration Results

RT: 1.99
Response: 72207
Amount: 24.749881



Reviewer: goliszekg, 09-Nov-2014 23:38:28
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

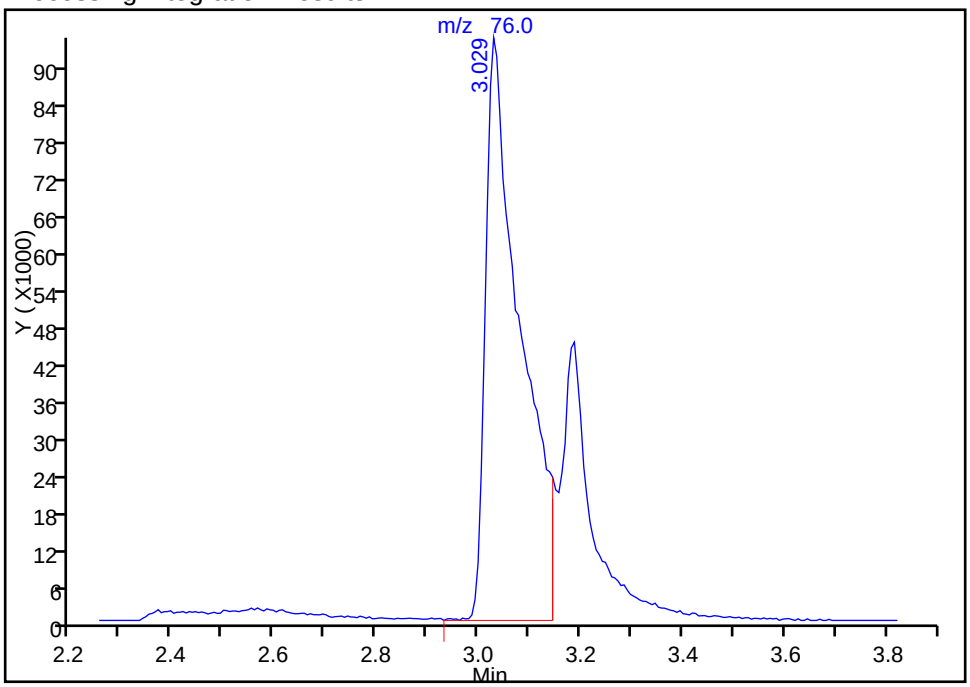
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36230.D
Injection Date: 09-Nov-2014 23:16:30 Instrument ID: HP5973G
Lims ID: CCVIS
Client ID:
Operator ID: gtg ALS Bottle#: 72 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

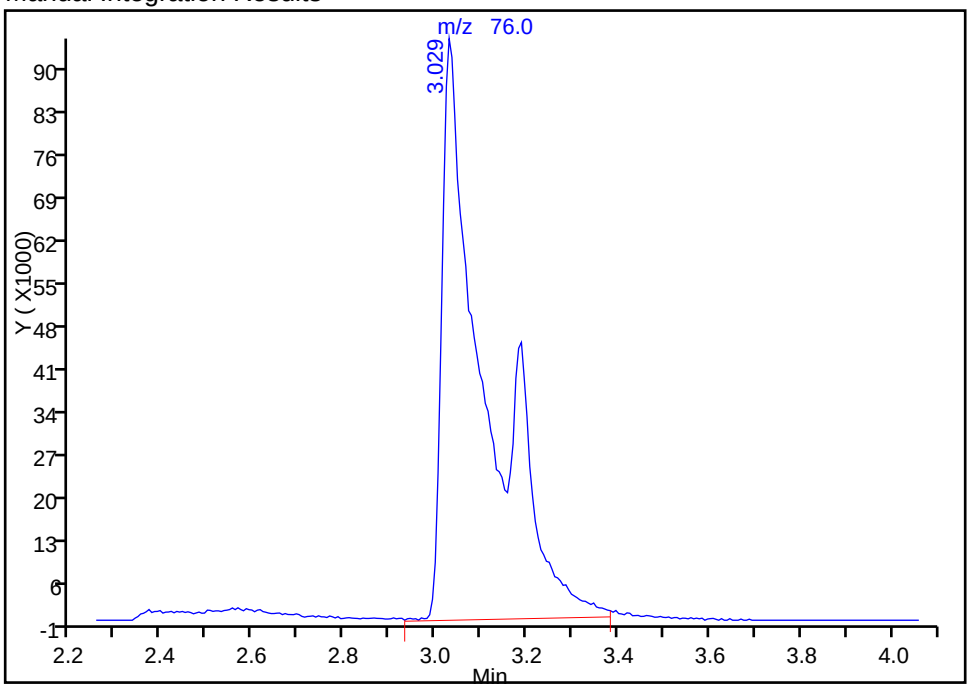
Processing Integration Results

RT: 3.03
Response: 451055
Amount: 16.259252



Manual Integration Results

RT: 3.03
Response: 627784
Amount: 22.629830



Reviewer: goliszekg, 09-Nov-2014 23:38:28
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

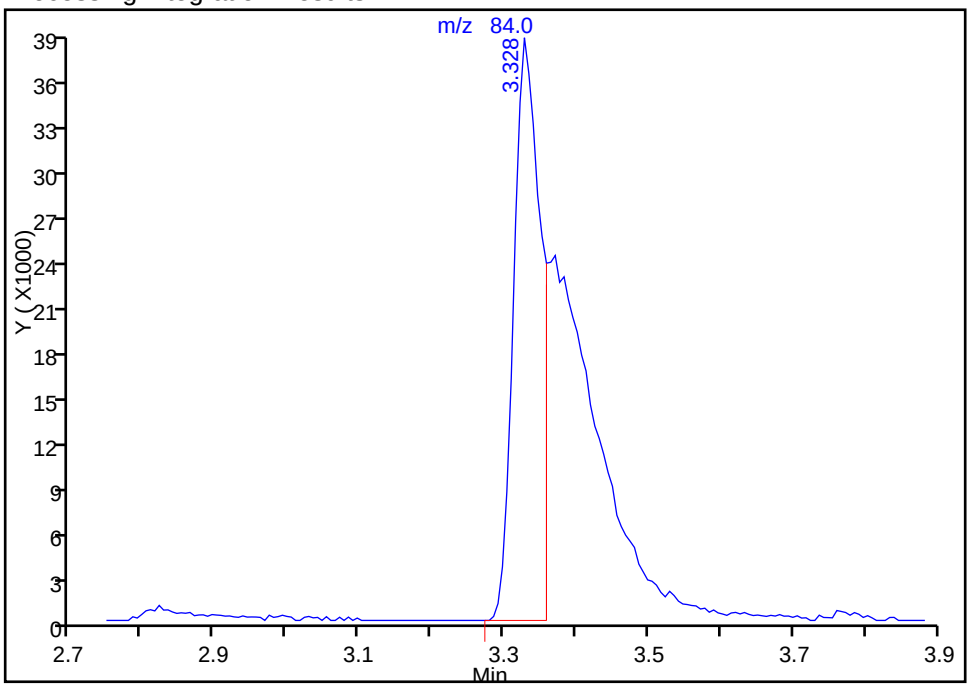
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36230.D
Injection Date: 09-Nov-2014 23:16:30 Instrument ID: HP5973G
Lims ID: CCVIS
Client ID:
Operator ID: gtg ALS Bottle#: 72 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

29 Methylene Chloride, CAS: 75-09-2

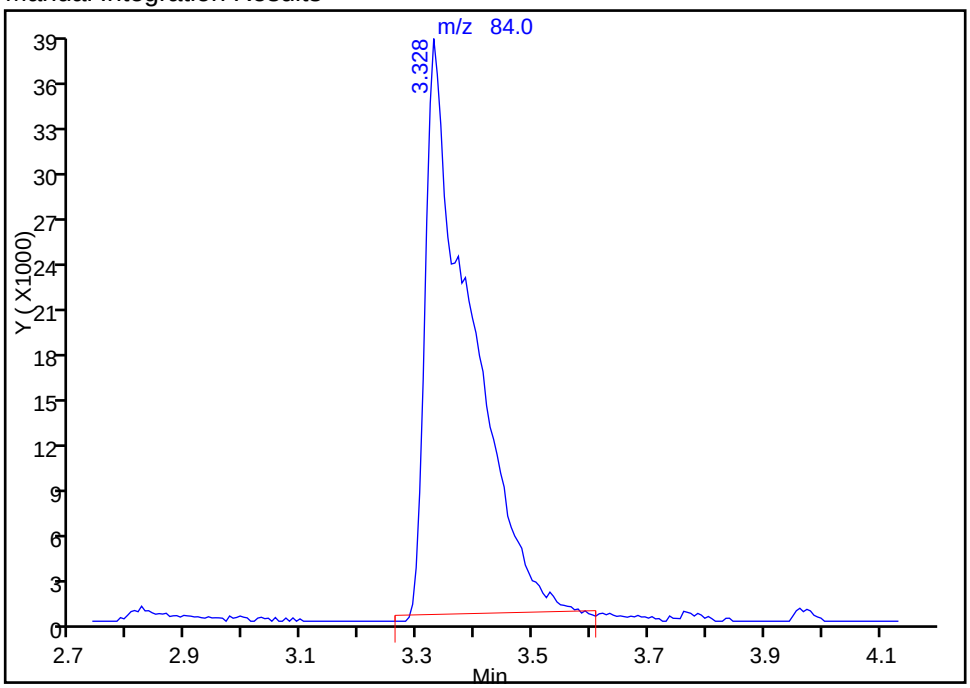
Processing Integration Results

RT: 3.33
Response: 99289
Amount: 10.511041



Manual Integration Results

RT: 3.33
Response: 202012
Amount: 21.385616



Reviewer: goliszekg, 09-Nov-2014 23:38:28
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34230.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 24-Sep-2014 03:40:30 ALS Bottle#: 5 Worklist Smp#: 26
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0035654-026480-0035654-026
Operator ID: gtg Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Sep-2014 03:49:06 Calib Date: 09-Sep-2014 13:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140909-35199.b\G33539.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: goliszekg Date: 24-Sep-2014 03:49:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 35 BFB	95	3.936	3.936	0.000	0	286184	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

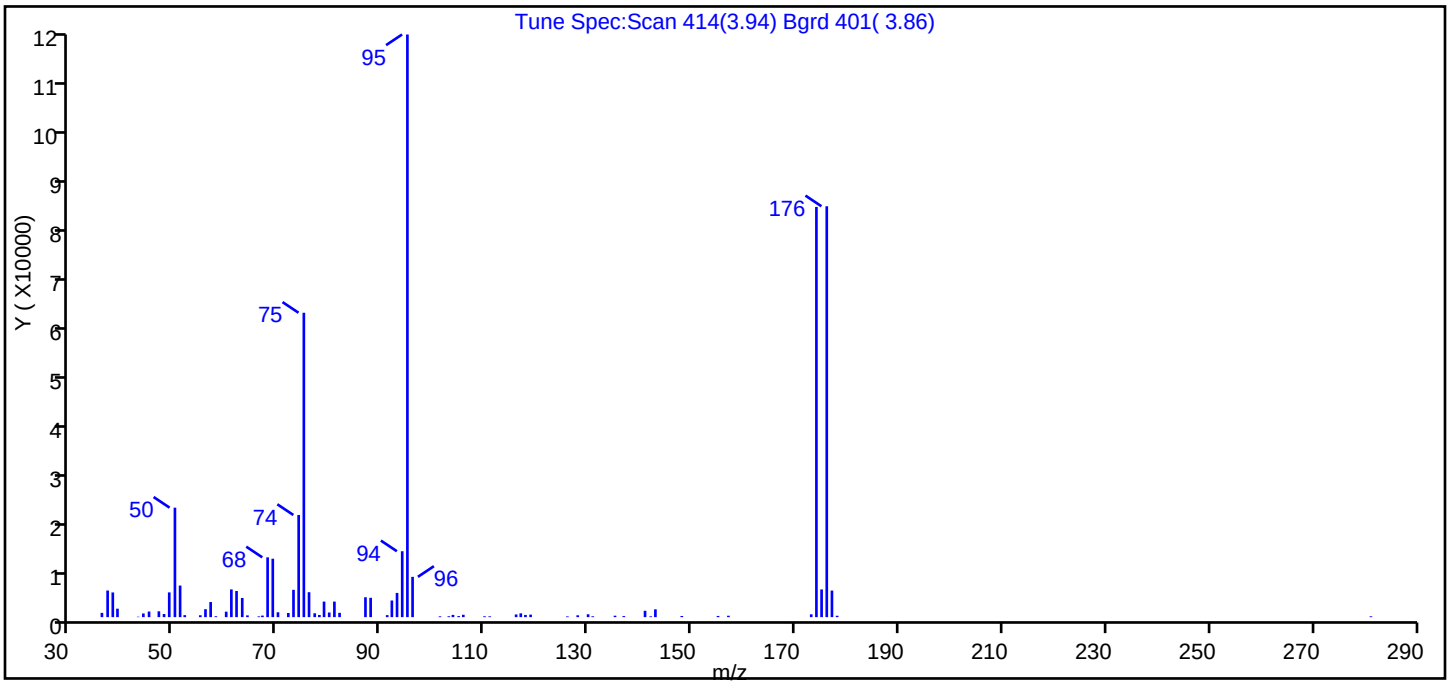
BFB_WRK_00037 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34230.D
Injection Date: 24-Sep-2014 03:40:30 Instrument ID: HP5973G
Lims ID: BFB
Client ID:
Operator ID: gtg ALS Bottle#: 5 Worklist Smp#: 26
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
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	18.80
75	30.00 - 60.00% of mass 95	52.20
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.50 (0.70)
174	50.00 - 120.00% of mass 95	70.40
175	5.00 - 9.00% of mass 174	4.80 (6.80)
176	95.00 - 101.00% of mass 174	70.50 (100.20)
177	5.00 - 9.00% of mass 176	4.60 (6.50)

Data File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34230.D\G-8260.rslt\spectra.d
Injection Date: 24-Sep-2014 03:40:30
Spectrum: Tune Spec:Scan 414(3.94) Bgrd 401(3.86)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	864	62.00	5267	86.90	4009	125.90	150
37.10	5366	63.10	3862	87.90	3897	127.90	372
38.10	4976	64.10	357	91.10	408	129.90	579
39.00	1705	66.30	152	92.00	3355	130.80	176
43.00	86	67.00	310	93.00	4880	135.10	292
44.00	741	68.00	12054	94.00	13284	136.80	213
45.10	1132	69.00	11778	95.00	117440	140.90	1282
47.00	1175	70.00	979	96.00	8120	142.00	160
48.00	632	72.00	839	101.30	161	142.90	1577
49.00	4989	73.00	5507	103.00	174	148.00	233
50.10	22064	74.00	20592	103.80	453	155.00	242
51.10	6368	75.00	61352	104.90	210	157.00	285
52.00	405	76.00	5029	105.80	478	173.00	569
55.00	378	77.10	780	109.90	169	174.00	82680
56.00	1604	78.00	438	110.90	161	175.00	5586
57.00	3044	78.90	3137	116.00	544	176.00	82816
58.00	179	79.90	934	116.90	768	177.00	5357
60.00	1105	80.90	3136	117.80	444	178.00	281
61.00	5590	81.90	869	118.80	511	281.10	170

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36190.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 08-Nov-2014 09:44:30 ALS Bottle#: 32 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0037210-002480-0037210-002
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Nov-2014 09:55:43 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: nguyendudziaknq Date: 08-Nov-2014 09:55:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 35 BFB	95	3.911	3.911	0.000	0	233989	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

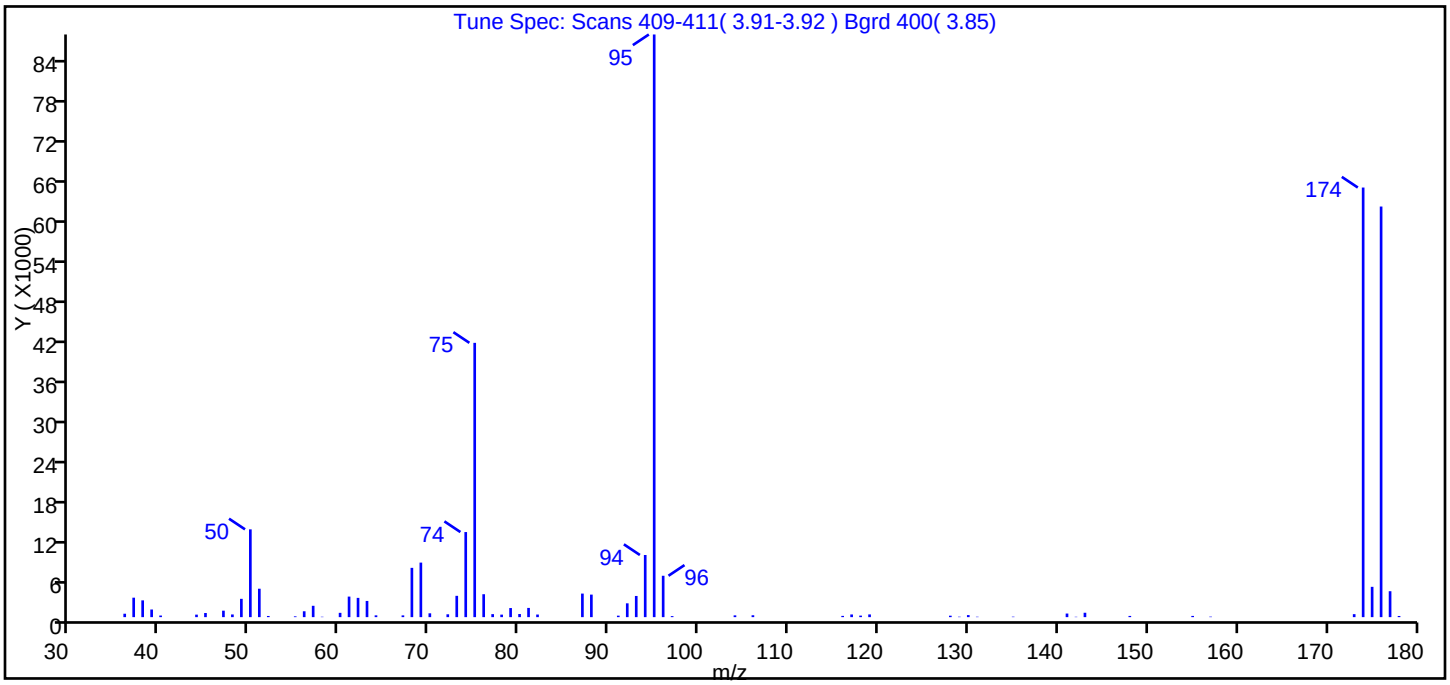
BFB_WRK_00037 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36190.D
Injection Date: 08-Nov-2014 09:44:30 Instrument ID: HP5973G
Lims ID: BFB
Client ID:
Operator ID: NQ ALS Bottle#: 32 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
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	15.10
75	30.00 - 60.00% of mass 95	47.10
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.50 (0.70)
174	50.00 - 120.00% of mass 95	73.70
175	5.00 - 9.00% of mass 174	5.20 (7.10)
176	95.00 - 101.00% of mass 174	70.50 (95.60)
177	5.00 - 9.00% of mass 176	4.40 (6.30)

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36190.D\G-8260.rslt\spectra.d
Injection Date: 08-Nov-2014 09:44:30
Spectrum: Tune Spec: Scans 409-411(3.91-3.92) Bgrd 400(3.85)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 69

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	511	61.00	3073	82.00	390	130.00	305
37.00	2910	62.00	2880	87.00	3524	131.00	61
38.00	2509	63.00	2421	88.00	3370	135.00	70
39.00	1143	64.00	269	91.00	222	141.00	538
40.00	240	67.00	263	92.00	2066	142.00	54
44.00	375	68.00	7372	93.00	3167	143.00	657
45.00	618	69.00	8156	94.00	9293	148.00	182
47.00	968	70.00	573	95.00	87128	155.00	183
48.00	403	72.00	426	96.00	6188	157.00	75
49.00	2738	73.00	3186	97.00	153	173.00	447
50.00	13128	74.00	12724	104.00	266	174.00	64240
51.00	4250	75.00	41016	106.00	283	175.00	4532
52.00	174	76.00	3428	116.00	188	176.00	61400
55.00	119	77.00	451	117.00	402	177.00	3877
56.00	879	78.00	377	118.00	229	178.00	173
57.00	1697	79.00	1360	119.00	407		
58.00	58	80.00	468	128.00	215		
60.00	644	81.00	1379	129.00	65		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36229.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Nov-2014 22:45:30 ALS Bottle#: 71 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0037230-002480-0037230-002
Operator ID: gtg Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 09-Nov-2014 23:36:25 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: goliszekg Date: 09-Nov-2014 23:36:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 35 BFB	95	3.923	3.923	0.000	0	181181	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

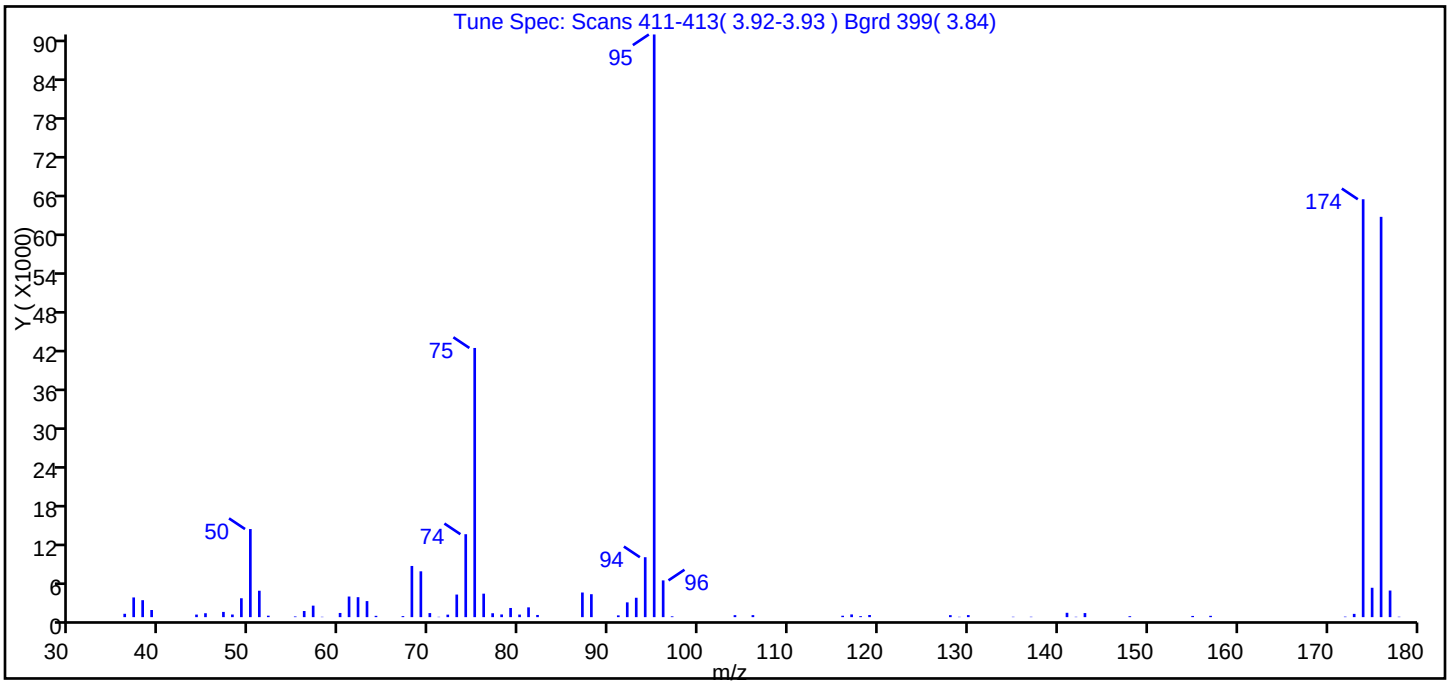
BFB_WRK_00037 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36229.D
Injection Date: 09-Nov-2014 22:45:30 Instrument ID: HP5973G
Lims ID: BFB
Client ID:
Operator ID: gtg ALS Bottle#: 71 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
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	15.10
75	30.00 - 60.00% of mass 95	46.20
96	5.00 - 9.00% of mass 95	6.30
173	Less than 2.00% of mass 174	0.60 (0.80)
174	50.00 - 120.00% of mass 95	71.70
175	5.00 - 9.00% of mass 174	5.00 (7.00)
176	95.00 - 101.00% of mass 174	68.70 (95.80)
177	5.00 - 9.00% of mass 176	4.60 (6.60)

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36229.D\G-8260.rslt\spectra.d
Injection Date: 09-Nov-2014 22:45:30
Spectrum: Tune Spec: Scans 411-413(3.92-3.93) Bgrd 399(3.84)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	523	62.00	3104	82.00	339	130.00	318
37.00	3062	63.00	2496	87.00	3830	135.00	58
38.00	2637	64.00	205	88.00	3567	137.00	60
39.00	1110	67.00	159	91.00	274	141.00	676
44.00	398	68.00	7958	92.00	2298	142.00	56
45.00	608	69.00	7125	93.00	3014	143.00	633
47.00	813	70.00	631	94.00	9317	148.00	145
48.00	409	71.00	50	95.00	90584	155.00	187
49.00	2936	72.00	389	96.00	5714	157.00	206
50.00	13695	73.00	3512	97.00	124	172.00	79
51.00	4107	74.00	12893	104.00	309	173.00	510
52.00	227	75.00	41848	106.00	314	174.00	64968
55.00	106	76.00	3651	116.00	218	175.00	4567
56.00	954	77.00	607	117.00	424	176.00	62232
57.00	1789	78.00	419	118.00	149	177.00	4137
58.00	53	79.00	1426	119.00	334	178.00	63
60.00	651	80.00	399	128.00	310		
61.00	3205	81.00	1522	129.00	52		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-212900/7

Matrix: Water Lab File ID: G36195.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/08/2014 11:53

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.: 212900 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-212900/7

Matrix: Water | Lab File ID: G36195.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 11:53

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	89		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36195.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2014 11:53:30 ALS Bottle#: 37 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0037210-007480-0037210-007
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Nov-2014 13:19:28 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: nguyendudziaknq Date: 08-Nov-2014 13:19:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.578	0.006	99	132374	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	87	279651	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.949	0.000	96	239449	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.992	4.986	0.006	93	132018	25.0	23.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.291	0.006	0	96889	25.0	22.2	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	654667	25.0	25.0	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	86	176477	25.0	24.8	
10 Dichlorodifluoromethane	85		1.420					ND	
11 Chlorodifluoromethane	51		1.450					ND	
12 Chloromethane	50		1.579					ND	
13 Vinyl chloride	62		1.688					ND	
144 Butadiene	54		1.694					ND	
14 Bromomethane	94		2.042					ND	
15 Chloroethane	64		2.133					ND	
17 Trichlorofluoromethane	101		2.310					ND	
16 Dichlorofluoromethane	67		2.310					ND	
141 Ethanol	45		2.596					ND	
18 Ethyl ether	59		2.609					ND	
68 Propene oxide	58		2.688					ND	
19 Acrolein	56		2.767					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.816					ND	
20 1,1-Dichloroethene	96		2.828					ND	
22 Acetone	43		2.926					ND	
23 Iodomethane	142		2.987					ND	
24 Carbon disulfide	76		3.036					ND	
25 Isopropyl alcohol	45		3.109					ND	
26 3-Chloro-1-propene	41		3.188					ND	
27 Acetonitrile	40		3.224					ND	
28 Methyl acetate	43		3.225					ND	
29 Methylene Chloride	84		3.334					ND	
30 2-Methyl-2-propanol	59		3.487					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
31 Methyl tert-butyl ether	73		3.554					ND	
32 trans-1,2-Dichloroethene	96		3.566					ND	
33 Acrylonitrile	53		3.590					ND	
34 Hexane	57		3.779					ND	
36 1,1-Dichloroethane	63		3.974					ND	
37 Isopropyl ether	45		4.011					ND	
38 Vinyl acetate	43		4.023					ND	
39 2-Chloro-1,3-butadiene	53		4.047					ND	
40 1,1-Dimethoxyethane	75		4.072					ND	
41 Tert-butyl ethyl ether	59		4.346					ND	
42 2,2-Dichloropropane	77		4.499					ND	
43 cis-1,2-Dichloroethene	96		4.523					ND	
44 2-Butanone (MEK)	43		4.554					ND	
45 Ethyl acetate	43		4.596					ND	
46 Propionitrile	54		4.639					ND	
48 Chlorobromomethane	128		4.755					ND	
47 Methacrylonitrile	41		4.755					ND	
49 Tetrahydrofuran	42		4.791					ND	
50 Chloroform	85		4.834					ND	
51 1,1,1-Trichloroethane	97		4.962					ND	
52 Cyclohexane	56		4.986					ND	
53 Carbon tetrachloride	117		5.108					ND	
54 1,1-Dichloropropene	75		5.114					ND	
55 Isobutyl alcohol	43		5.297					ND	
56 Benzene	78		5.316					ND	
146 Isooctane	57		5.340					ND	
57 1,2-Dichloroethane	62		5.364					ND	
140 t-Amyl alcohol	59		5.364					ND	
58 Tert-amyl methyl ether	73		5.401					ND	
59 n-Heptane	43		5.517					ND	
1 1,4-Difluorobenzene	114		5.687					ND	
61 Trichloroethene	95		5.925					ND	
60 n-Butanol	56		5.925					ND	
145 Ethyl acrylate	55		6.041					ND	
62 Methylcyclohexane	83		6.065					ND	
63 1,2-Dichloropropane	63		6.151					ND	
64 Methyl methacrylate	41		6.254					ND	
65 Dibromomethane	93		6.285					ND	
66 1,4-Dioxane	88		6.303					ND	
67 Dichlorobromomethane	83		6.437					ND	
69 2-Nitropropane	43		6.675					ND	
70 2-Chloroethyl vinyl ether	63		6.718					ND	
71 Epichlorohydrin	57		6.803					ND	
72 cis-1,3-Dichloropropene	75		6.858					ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998					ND	
74 Toluene	92		7.157					ND	
75 2-Methylthiophene	97		7.297					ND	
76 trans-1,3-Dichloropropene	75		7.419					ND	
77 3-Methylthiophene	97		7.455					ND	
78 Ethyl methacrylate	69		7.474					ND	
79 1,1,2-Trichloroethane	83		7.608					ND	
80 Tetrachloroethene	166		7.699					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
81 1,3-Dichloropropane	76		7.772					ND	
82 2-Hexanone	43		7.833					ND	
149 n-Butyl acetate	43		7.955					ND	
83 Chlorodibromomethane	129		8.010					ND	
84 Ethylene Dibromide	107		8.120					ND	
139 1-Chlorohexane	55		8.559					ND	
85 3-Chlorobenzotrifluoride	180		8.571					ND	
86 Chlorobenzene	112		8.608					ND	
87 4-Chlorobenzotrifluoride	180		8.632					ND	
89 Ethylbenzene	91		8.699					ND	
88 1,1,1,2-Tetrachloroethane	131		8.699					ND	
90 m-Xylene & p-Xylene	106		8.821					ND	
91 o-Xylene	106		9.248					ND	
92 Styrene	104		9.272					ND	
93 Bromoform	173		9.510					ND	
94 2-Chlorobenzotrifluoride	180		9.546					ND	
95 Isopropylbenzene	105		9.632					ND	
96 Cyclohexanone	55		9.778					ND	
97 Bromobenzene	156		9.967					ND	
98 1,1,2,2-Tetrachloroethane	83		10.004					ND	
99 1,2,3-Trichloropropane	110		10.040					ND	
100 trans-1,4-Dichloro-2-buten	53		10.052					ND	
101 N-Propylbenzene	91		10.052					ND	
102 2-Chlorotoluene	126		10.156					ND	
103 3-Chlorotoluene	126		10.217					ND	
104 1,3,5-Trimethylbenzene	105		10.229					ND	
105 4-Chlorotoluene	126		10.266					ND	
106 tert-Butylbenzene	134		10.546					ND	
107 1,2,4-Trimethylbenzene	105		10.601					ND	
108 Pentachloroethane	167		10.601					ND	
109 sec-Butylbenzene	105		10.754					ND	
110 1,3-Dichlorobenzene	146		10.888					ND	
111 4-Isopropyltoluene	119		10.894					ND	
112 Dicyclopentadiene	66		10.967					ND	
113 1,4-Dichlorobenzene	146		10.973					ND	
114 1,2,3-Trimethylbenzene	105		11.003					ND	
143 Benzyl chloride	126		11.113					ND	
115 n-Butylbenzene	91		11.278					ND	
116 1,2-Dichlorobenzene	146		11.321					ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040					ND	
118 1,3,5-Trichlorobenzene	180		12.192					ND	
119 1,2,4-Trichlorobenzene	180		12.729					ND	
120 Hexachlorobutadiene	225		12.845					ND	
121 Naphthalene	128		12.936					ND	
122 1,2,3-Trichlorobenzene	180		13.143					ND	
142 2-Methylnaphthalene	142		13.850					ND	
138 Pentachloroethane TIC	1		0.000					ND	
135 Halothane	1		0.000					ND	
134 Propene oxide TIC	1		0.000					ND	
136 1-Bromopropane TIC	1		0.000					ND	
137 Ethylene oxide TIC	1		0.000					ND	
S 123 Total BTEX	1		30.000					0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 124 Xylenes, Total	1		30.000					0	
S 125 1,2-Dichloroethene, Total	1		30.000					0	
S 126 1,3-Dichloropropene, Total	1		30.000					0	
T 8 bis(2-chloromethyl)ether T	1		0.000					0	
T 129 tert-amyl alcohol TIC	1		0.000					0	
T 9 Ethylene oxide	1		0.000					0	
T 127 Ethanol TIC	45		0.000					0	
T 132 Bromoethane TIC	1		0.000					0	
T 128 Hexachloroethane TIC	1		0.000					0	
T 130 Aziridine TIC	1		0.000					0	
T 133 1-Bromopropane	1		0.000					0	
T 131 bis(chloromethyl)ether TIC	1		0.000					0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

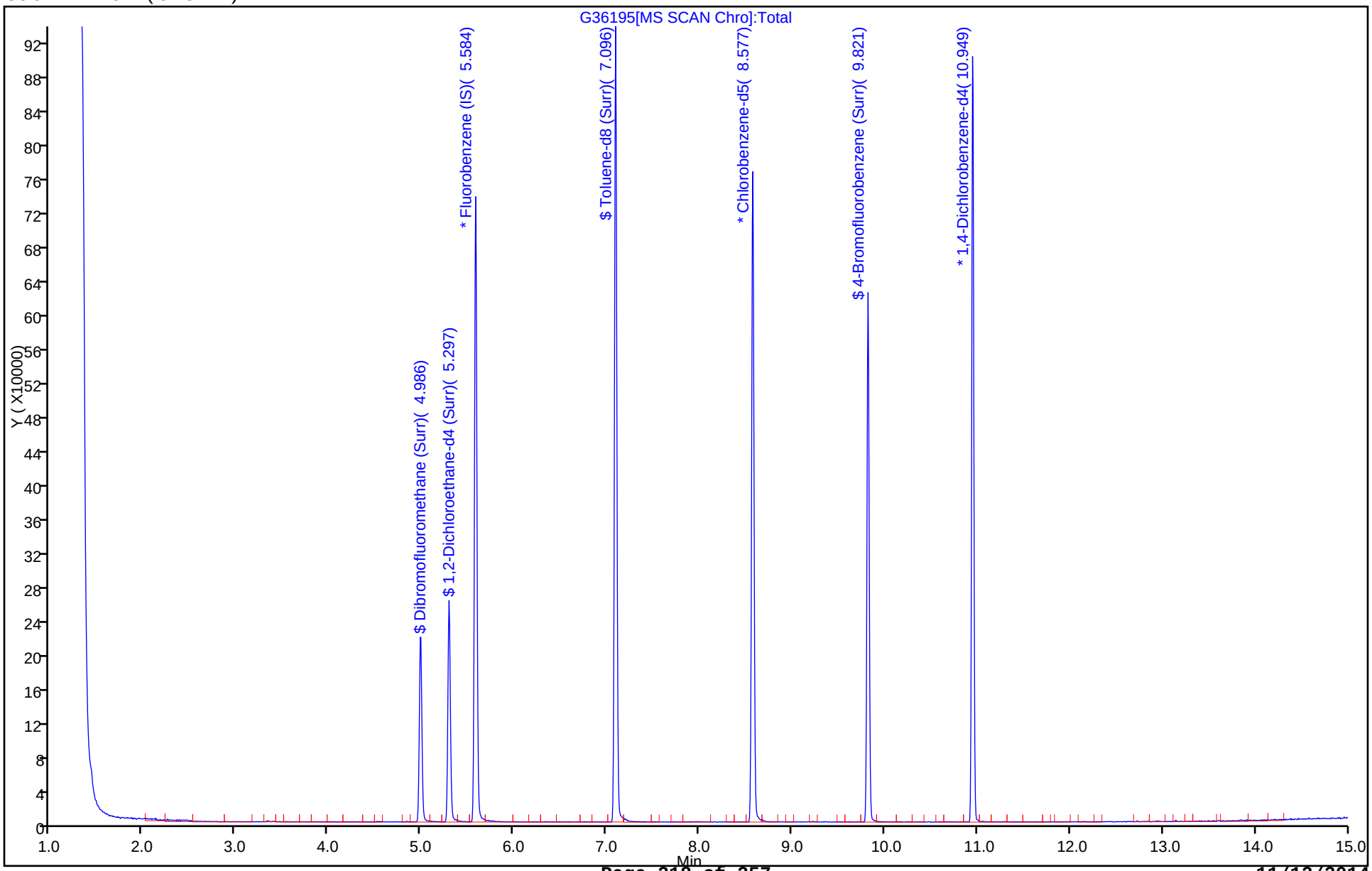
Report Date: 08-Nov-2014 13:19:29 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36195.D

Injection Date:	08-Nov-2014 11:53:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-213019/7

Matrix: Water Lab File ID: G36234.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2014 00:46

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.: 213019 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
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
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
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
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
124-48-1	Dibromochloromethane	ND		1.0	0.32
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
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.: 480-70476-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-213019/7

Matrix: Water | Lab File ID: G36234.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2014 00:46

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.: 213019 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	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)	85		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36234.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2014 00:46:30 ALS Bottle#: 76 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0037230-007480-0037230-007
Operator ID: gtg Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 10-Nov-2014 01:26:33 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: goliszekg Date: 10-Nov-2014 01:26:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	129480	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	272729	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.948	10.949	-0.001	96	236400	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	94	128830	25.0	23.3	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	90939	25.0	21.3	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	634503	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	87	172693	25.0	24.9	
10 Dichlorodifluoromethane	85		1.414					ND	
11 Chlorodifluoromethane	51		1.444					ND	
12 Chloromethane	50		1.578					ND	
13 Vinyl chloride	62		1.694					ND	
144 Butadiene	54		1.694					ND	
14 Bromomethane	94		2.048					ND	
15 Chloroethane	64		2.145					ND	
17 Trichlorofluoromethane	101		2.316					ND	
16 Dichlorofluoromethane	67		2.322					ND	
141 Ethanol	45		2.596					ND	
18 Ethyl ether	59		2.609					ND	
68 Propene oxide	58		2.688					ND	
19 Acrolein	56		2.773					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.822					ND	
20 1,1-Dichloroethene	96		2.828					ND	
22 Acetone	43		2.932					ND	
23 Iodomethane	142		2.993					ND	
24 Carbon disulfide	76		3.035					ND	
25 Isopropyl alcohol	45		3.109					ND	
26 3-Chloro-1-propene	41		3.188					ND	
27 Acetonitrile	40		3.218					ND	
28 Methyl acetate	43		3.231					ND	
29 Methylene Chloride	84		3.334					ND	
30 2-Methyl-2-propanol	59		3.487					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
31 Methyl tert-butyl ether	73		3.554					ND	
32 trans-1,2-Dichloroethene	96		3.566					ND	
33 Acrylonitrile	53		3.590					ND	
34 Hexane	57		3.779					ND	
36 1,1-Dichloroethane	63		3.974					ND	
37 Isopropyl ether	45		4.005					ND	
38 Vinyl acetate	43		4.029					ND	
39 2-Chloro-1,3-butadiene	53		4.041					ND	
40 1,1-Dimethoxyethane	75		4.072					ND	
41 Tert-butyl ethyl ether	59		4.346					ND	
42 2,2-Dichloropropane	77		4.505					ND	
43 cis-1,2-Dichloroethene	96		4.523					ND	
44 2-Butanone (MEK)	43		4.553					ND	
45 Ethyl acetate	43		4.596					ND	
46 Propionitrile	54		4.639					ND	
47 Methacrylonitrile	41		4.755					ND	
48 Chlorobromomethane	128		4.755					ND	
49 Tetrahydrofuran	42		4.791					ND	
50 Chloroform	85		4.834					ND	
51 1,1,1-Trichloroethane	97		4.962					ND	
52 Cyclohexane	56		4.986					ND	
53 Carbon tetrachloride	117		5.108					ND	
54 1,1-Dichloropropene	75		5.114					ND	
55 Isobutyl alcohol	43		5.303					ND	
56 Benzene	78		5.316					ND	
146 Isooctane	57		5.340					ND	
140 t-Amyl alcohol	59		5.364					ND	
57 1,2-Dichloroethane	62		5.364					ND	
58 Tert-amyl methyl ether	73		5.401					ND	
59 n-Heptane	43		5.517					ND	
1 1,4-Difluorobenzene	114		5.687					ND	
60 n-Butanol	56		5.925					ND	
61 Trichloroethene	95		5.925					ND	
145 Ethyl acrylate	55		6.041					ND	
62 Methylcyclohexane	83		6.065					ND	
63 1,2-Dichloropropane	63		6.157					ND	
64 Methyl methacrylate	41		6.254					ND	
65 Dibromomethane	93		6.291					ND	
66 1,4-Dioxane	88		6.303					ND	
67 Dichlorobromomethane	83		6.437					ND	
69 2-Nitropropane	43		6.675					ND	
70 2-Chloroethyl vinyl ether	63		6.718					ND	
71 Epichlorohydrin	57		6.803					ND	
72 cis-1,3-Dichloropropene	75		6.858					ND	
73 4-Methyl-2-pentanone (MIBK	43		6.998					ND	
74 Toluene	92		7.157					ND	
75 2-Methylthiophene	97		7.297					ND	
76 trans-1,3-Dichloropropene	75		7.419					ND	
77 3-Methylthiophene	97		7.455					ND	
78 Ethyl methacrylate	69		7.474					ND	
79 1,1,2-Trichloroethane	83		7.608					ND	
80 Tetrachloroethene	166		7.705					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
81 1,3-Dichloropropane	76		7.772					ND	
82 2-Hexanone	43		7.839					ND	
149 n-Butyl acetate	43		7.955					ND	
83 Chlorodibromomethane	129		8.010					ND	
84 Ethylene Dibromide	107		8.120					ND	
139 1-Chlorohexane	55		8.559					ND	
85 3-Chlorobenzotrifluoride	180		8.571					ND	
86 Chlorobenzene	112		8.608					ND	
87 4-Chlorobenzotrifluoride	180		8.632					ND	
88 1,1,1,2-Tetrachloroethane	131		8.699					ND	
89 Ethylbenzene	91		8.699					ND	
90 m-Xylene & p-Xylene	106		8.821					ND	
91 o-Xylene	106		9.254					ND	
92 Styrene	104		9.278					ND	
93 Bromoform	173		9.510					ND	
94 2-Chlorobenzotrifluoride	180		9.546					ND	
95 Isopropylbenzene	105		9.632					ND	
96 Cyclohexanone	55		9.778					ND	
97 Bromobenzene	156		9.967					ND	
98 1,1,2,2-Tetrachloroethane	83		10.004					ND	
99 1,2,3-Trichloropropane	110		10.040					ND	
100 trans-1,4-Dichloro-2-buten	53		10.052					ND	
101 N-Propylbenzene	91		10.059					ND	
102 2-Chlorotoluene	126		10.156					ND	
103 3-Chlorotoluene	126		10.217					ND	
104 1,3,5-Trimethylbenzene	105		10.229					ND	
105 4-Chlorotoluene	126		10.266					ND	
106 tert-Butylbenzene	134		10.546					ND	
108 Pentachloroethane	167		10.601					ND	
107 1,2,4-Trimethylbenzene	105		10.601					ND	
109 sec-Butylbenzene	105		10.760					ND	
110 1,3-Dichlorobenzene	146		10.888					ND	
111 4-Isopropyltoluene	119		10.894					ND	
112 Dicyclopentadiene	66		10.967					ND	
113 1,4-Dichlorobenzene	146		10.973					ND	
114 1,2,3-Trimethylbenzene	105		11.003					ND	
143 Benzyl chloride	126		11.113					ND	
115 n-Butylbenzene	91		11.278					ND	
116 1,2-Dichlorobenzene	146		11.320					ND	
117 1,2-Dibromo-3-Chloropropan	75		12.040					ND	
118 1,3,5-Trichlorobenzene	180		12.192					ND	
119 1,2,4-Trichlorobenzene	180		12.729					ND	
120 Hexachlorobutadiene	225		12.845					ND	
121 Naphthalene	128		12.936					ND	
122 1,2,3-Trichlorobenzene	180		13.143					ND	
142 2-Methylnaphthalene	142		13.850					ND	
135 Halothane	1		0.000					ND	
138 Pentachloroethane TIC	1		0.000					ND	
134 Propene oxide TIC	1		0.000					ND	
137 Ethylene oxide TIC	1		0.000					ND	
136 1-Bromopropane TIC	1		0.000					ND	
S 125 1,2-Dichloroethene, Total	1		30.000					0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 126 1,3-Dichloropropene, Total	1		30.000					0	
S 123 Total BTEX	1		30.000					0	
S 124 Xylenes, Total	1		30.000					0	
T 130 Aziridine TIC	1		0.000					0	
T 128 Hexachloroethane TIC	1		0.000					0	
T 131 bis(chloromethyl)ether TIC	1		0.000					0	
T 133 1-Bromopropane	1		0.000					0	
T 132 Bromoethane TIC	1		0.000					0	
T 129 tert-amyl alcohol TIC	1		0.000					0	
T 8 bis(2-chloromethyl)ether T	1		0.000					0	
T 127 Ethanol TIC	45		0.000					0	
T 9 Ethylene oxide	1		0.000					0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

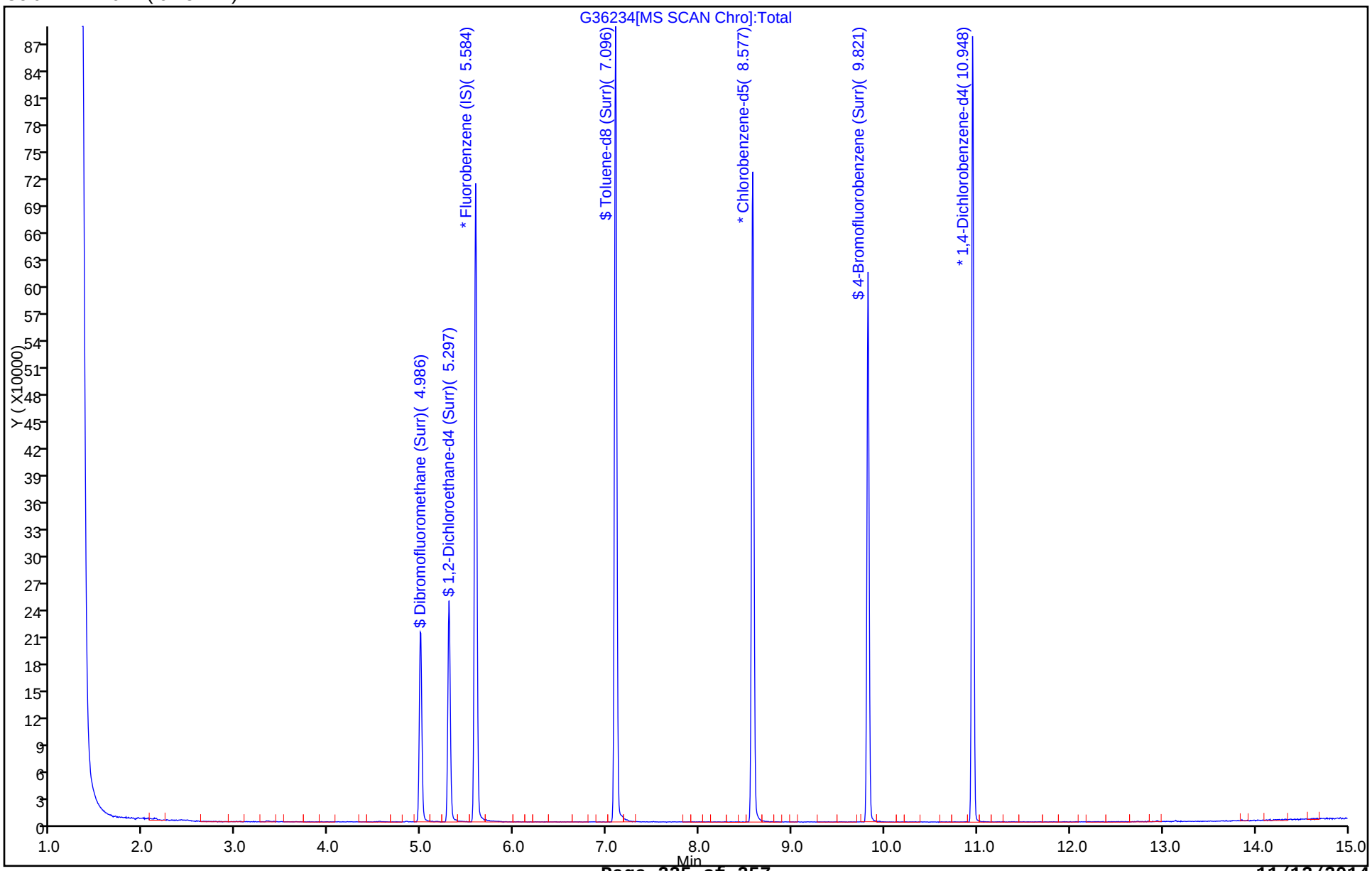
Report Date: 10-Nov-2014 01:26:35 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36234.D

Injection Date:	10-Nov-2014 00:46:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	76
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-212900/5

Matrix: Water Lab File ID: G36193.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/08/2014 11:08

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.: 212900 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	24.4		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	25.8		1.0	0.21
79-00-5	1,1,2-Trichloroethane	25.8		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12.1		1.0	0.31
75-34-3	1,1-Dichloroethane	22.0		1.0	0.38
75-35-4	1,1-Dichloroethene	15.7		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	25.4		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	22.4		1.0	0.39
106-93-4	1,2-Dibromoethane	25.3		1.0	0.73
95-50-1	1,2-Dichlorobenzene	24.4		1.0	0.79
107-06-2	1,2-Dichloroethane	20.3		1.0	0.21
78-87-5	1,2-Dichloropropane	25.2		1.0	0.72
541-73-1	1,3-Dichlorobenzene	24.8		1.0	0.78
106-46-7	1,4-Dichlorobenzene	24.6		1.0	0.84
591-78-6	2-Hexanone	118		5.0	1.2
78-93-3	2-Butanone (MEK)	116		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	115		5.0	2.1
67-64-1	Acetone	110		10	3.0
71-43-2	Benzene	24.8		1.0	0.41
75-27-4	Bromodichloromethane	23.5		1.0	0.39
75-25-2	Bromoform	20.8		1.0	0.26
74-83-9	Bromomethane	24.6		1.0	0.69
75-15-0	Carbon disulfide	20.2		1.0	0.19
56-23-5	Carbon tetrachloride	18.1		1.0	0.27
108-90-7	Chlorobenzene	24.5		1.0	0.75
124-48-1	Dibromochloromethane	20.8		1.0	0.32
75-00-3	Chloroethane	19.8		1.0	0.32
67-66-3	Chloroform	22.3		1.0	0.34
74-87-3	Chloromethane	21.4		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	25.4		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	24.8		1.0	0.36
110-82-7	Cyclohexane	16.5		1.0	0.18
75-71-8	Dichlorodifluoromethane	12.1		1.0	0.68
100-41-4	Ethylbenzene	23.6		1.0	0.74
98-82-8	Isopropylbenzene	23.4		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-70476-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-212900/5

Matrix: Water | Lab File ID: G36193.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2014 11:08

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.: 212900 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	118		2.5	0.50
1634-04-4	Methyl tert-butyl ether	24.0		1.0	0.16
108-87-2	Methylcyclohexane	17.2		1.0	0.16
75-09-2	Methylene Chloride	21.4		1.0	0.44
100-42-5	Styrene	25.3		1.0	0.73
127-18-4	Tetrachloroethene	22.8		1.0	0.36
108-88-3	Toluene	24.3		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	23.9		1.0	0.37
79-01-6	Trichloroethene	22.5		1.0	0.46
75-69-4	Trichlorofluoromethane	16.4		1.0	0.88
75-01-4	Vinyl chloride	21.4		1.0	0.90
1330-20-7	Xylenes, Total	48.7		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36193.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2014 11:08:30 ALS Bottle#: 35 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0037210-005480-0037210-005
Operator ID: NQ Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Nov-2014 13:19:04 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: nguyendudziaknq Date: 08-Nov-2014 13:19:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.578	5.578	0.000	99	136264	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	289988	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.949	0.000	95	249444	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	93	140636	25.0	24.1	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.291	5.291	0.000	0	98734	25.0	21.9	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	682107	25.0	25.2	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	87	184434	25.0	25.0	
10 Dichlorodifluoromethane	85	1.420	1.420	0.000	99	141680	25.0	12.1	
12 Chloromethane	50	1.579	1.579	0.000	99	189783	25.0	21.4	
13 Vinyl chloride	62	1.688	1.688	0.000	86	205027	25.0	21.4	
144 Butadiene	54	1.694	1.694	0.000	87	150087	25.0	19.5	
14 Bromomethane	94	2.042	2.042	0.000	92	70740	25.0	24.6	
15 Chloroethane	64	2.133	2.133	0.000	98	111287	25.0	19.8	M
17 Trichlorofluoromethane	101	2.310	2.310	0.000	97	194050	25.0	16.4	
16 Dichlorofluoromethane	67	2.310	2.310	0.000	95	272614	25.0	24.9	M
18 Ethyl ether	59	2.609	2.609	0.000	87	156032	25.0	26.7	
19 Acrolein	56	2.767	2.767	0.000	99	109459	125.0	120.4	
21 1,1,2-Trichloro-1,2,2-trif	101	2.816	2.816	0.000	49	90396	25.0	12.1	M
20 1,1-Dichloroethene	96	2.828	2.828	0.000	97	146323	25.0	15.7	
22 Acetone	43	2.926	2.926	0.000	99	298289	125.0	109.7	
23 Iodomethane	142	2.987	2.987	0.000	98	213159	25.0	21.7	
24 Carbon disulfide	76	3.036	3.036	0.000	98	553536	25.0	20.2	M
26 3-Chloro-1-propene	41	3.188	3.188	0.000	93	194319	25.0	21.4	
28 Methyl acetate	43	3.225	3.225	0.000	97	800781	125.0	118.3	
29 Methylene Chloride	84	3.334	3.334	0.000	88	200269	25.0	21.4	
30 2-Methyl-2-propanol	59	3.487	3.487	0.000	100	238410	250.0	208.1	
31 Methyl tert-butyl ether	73	3.554	3.554	0.000	93	560948	25.0	24.0	
32 trans-1,2-Dichloroethene	96	3.566	3.566	0.000	99	141642	25.0	19.2	
33 Acrylonitrile	53	3.590	3.590	0.000	100	788828	250.0	262.9	
34 Hexane	57	3.779	3.779	0.000	89	149834	25.0	15.1	
36 1,1-Dichloroethane	63	3.974	3.974	0.000	96	267891	25.0	22.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	4.023	4.023	0.000	97	400645	50.0	43.7	
42 2,2-Dichloropropane	77	4.499	4.499	0.000	87	143871	25.0	32.8	
43 cis-1,2-Dichloroethene	96	4.523	4.523	0.000	78	176075	25.0	25.4	
44 2-Butanone (MEK)	43	4.554	4.554	0.000	98	465827	125.0	116.2	
48 Chlorobromomethane	128	4.755	4.755	0.000	96	81494	25.0	24.7	
49 Tetrahydrofuran	42	4.791	4.791	0.000	89	126725	50.0	45.5	
50 Chloroform	85	4.834	4.834	0.000	92	172061	25.0	22.3	
51 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	181338	25.0	24.4	
52 Cyclohexane	56	4.986	4.986	0.000	83	217479	25.0	16.5	
53 Carbon tetrachloride	117	5.108	5.108	0.000	96	141249	25.0	18.1	
54 1,1-Dichloropropene	75	5.114	5.114	0.000	99	193085	25.0	21.3	
55 Isobutyl alcohol	43	5.297	5.297	0.000	95	254094	625.0	594.3	
56 Benzene	78	5.316	5.316	0.000	96	679610	25.0	24.8	
57 1,2-Dichloroethane	62	5.364	5.364	0.000	97	213922	25.0	20.3	
59 n-Heptane	43	5.517	5.517	0.000	89	155930	25.0	15.8	
61 Trichloroethene	95	5.925	5.925	0.000	99	152277	25.0	22.5	
62 Methylcyclohexane	83	6.065	6.065	0.000	85	206254	25.0	17.2	M
63 1,2-Dichloropropane	63	6.151	6.151	0.000	97	166336	25.0	25.2	
65 Dibromomethane	93	6.285	6.285	0.000	97	97422	25.0	23.6	
66 1,4-Dioxane	88	6.303	6.303	0.000	91	39824	500.0	405.9	
67 Dichlorobromomethane	83	6.437	6.437	0.000	99	193905	25.0	23.5	
70 2-Chloroethyl vinyl ether	63	6.718	6.718	0.000	91	125299	25.0	25.6	
72 cis-1,3-Dichloropropene	75	6.858	6.858	0.000	97	266004	25.0	24.8	
73 4-Methyl-2-pentanone (MIBK	43	6.998	6.998	0.000	93	930464	125.0	114.9	
74 Toluene	92	7.157	7.157	0.000	99	427516	25.0	24.3	
76 trans-1,3-Dichloropropene	75	7.419	7.419	0.000	91	233917	25.0	23.9	
78 Ethyl methacrylate	69	7.474	7.474	0.000	87	259431	25.0	25.4	
79 1,1,2-Trichloroethane	83	7.608	7.608	0.000	90	133687	25.0	25.8	
80 Tetrachloroethene	166	7.699	7.699	0.000	98	153514	25.0	22.8	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	88	300839	25.0	25.3	
82 2-Hexanone	43	7.833	7.833	0.000	93	675573	125.0	117.5	
83 Chlorodibromomethane	129	8.010	8.010	0.000	90	133849	25.0	20.8	
84 Ethylene Dibromide	107	8.120	8.120	0.000	98	160721	25.0	25.3	
86 Chlorobenzene	112	8.608	8.608	0.000	94	458593	25.0	24.5	
89 Ethylbenzene	91	8.699	8.699	0.000	98	788374	25.0	23.6	
88 1,1,1,2-Tetrachloroethane	131	8.699	8.699	0.000	94	133662	25.0	23.6	
90 m-Xylene & p-Xylene	106	8.821	8.821	0.000	99	316786	25.0	24.0	
91 o-Xylene	106	9.248	9.248	0.000	96	313120	25.0	24.7	
92 Styrene	104	9.272	9.272	0.000	95	550551	25.0	25.3	
93 Bromoform	173	9.510	9.510	0.000	97	76421	25.0	20.8	
95 Isopropylbenzene	105	9.632	9.632	0.000	95	793329	25.0	23.4	
97 Bromobenzene	156	9.967	9.967	0.000	95	191800	25.0	24.9	
98 1,1,2,2-Tetrachloroethane	83	10.004	10.004	0.000	93	223419	25.0	25.8	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	85	71561	25.0	23.4	
100 trans-1,4-Dichloro-2-buten	53	10.052	10.052	0.000	69	52899	25.0	18.6	
101 N-Propylbenzene	91	10.052	10.052	0.000	99	927639	25.0	23.6	
102 2-Chlorotoluene	126	10.156	10.156	0.000	96	180114	25.0	23.4	
104 1,3,5-Trimethylbenzene	105	10.229	10.229	0.000	93	688467	25.0	23.7	
105 4-Chlorotoluene	126	10.266	10.266	0.000	97	190519	25.0	23.6	
106 tert-Butylbenzene	134	10.546	10.546	0.000	93	147286	25.0	23.8	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	97	722472	25.0	24.1	
109 sec-Butylbenzene	105	10.754	10.754	0.000	94	872329	25.0	23.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	10.888	10.888	0.000	97	377957	25.0	24.8	
111 4-Isopropyltoluene	119	10.894	10.894	0.000	97	742453	25.0	24.0	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	94	387570	25.0	24.6	
115 n-Butylbenzene	91	11.278	11.278	0.000	98	677510	25.0	23.5	
116 1,2-Dichlorobenzene	146	11.321	11.321	0.000	97	370399	25.0	24.4	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	83	35978	25.0	22.4	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	94	279638	25.0	25.4	
120 Hexachlorobutadiene	225	12.845	12.845	0.000	97	111763	25.0	22.7	
121 Naphthalene	128	12.936	12.936	0.000	97	765368	25.0	29.4	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	96	266337	25.0	27.5	
S 123 Total BTEX	1				0			121.4	
S 124 Xylenes, Total	1				0			48.6	
S 125 1,2-Dichloroethene, Total	1				0			44.5	
S 126 1,3-Dichloropropene, Total	1				0			48.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00022	Amount Added:	12.50	Units: uL	
GAS CORP mix_00055	Amount Added:	12.50	Units: uL	
G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

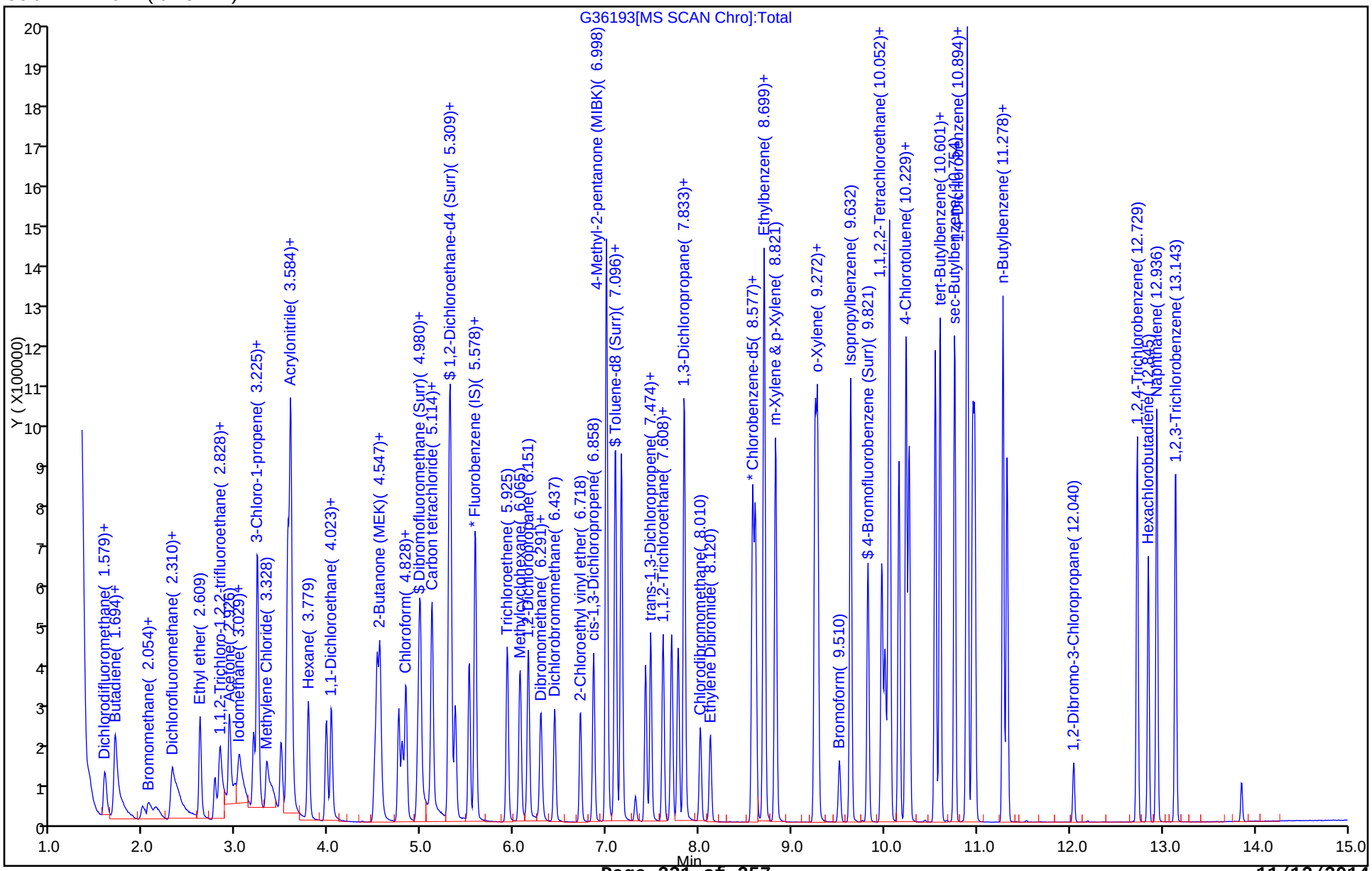
Report Date: 08-Nov-2014 13:19:05 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36193.D

Injection Date:	08-Nov-2014 11:08:30	Instrument ID:	HP5973G	Operator ID:	NQ
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



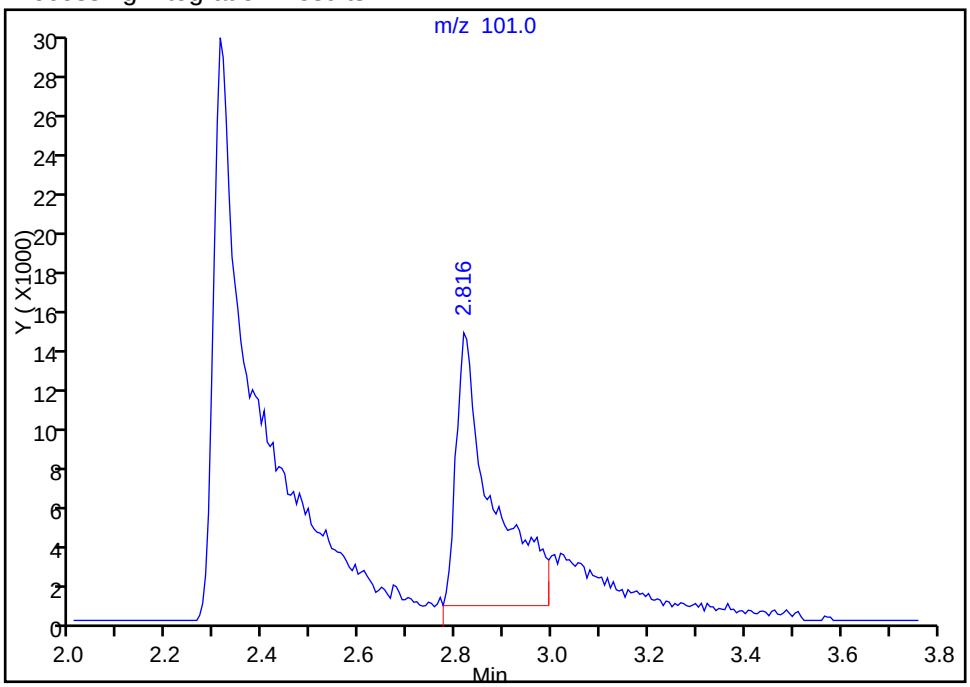
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36193.D
Injection Date: 08-Nov-2014 11:08:30 Instrument ID: HP5973G
Lims ID: LCS
Client ID:
Operator ID: NQ ALS Bottle#: 35 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

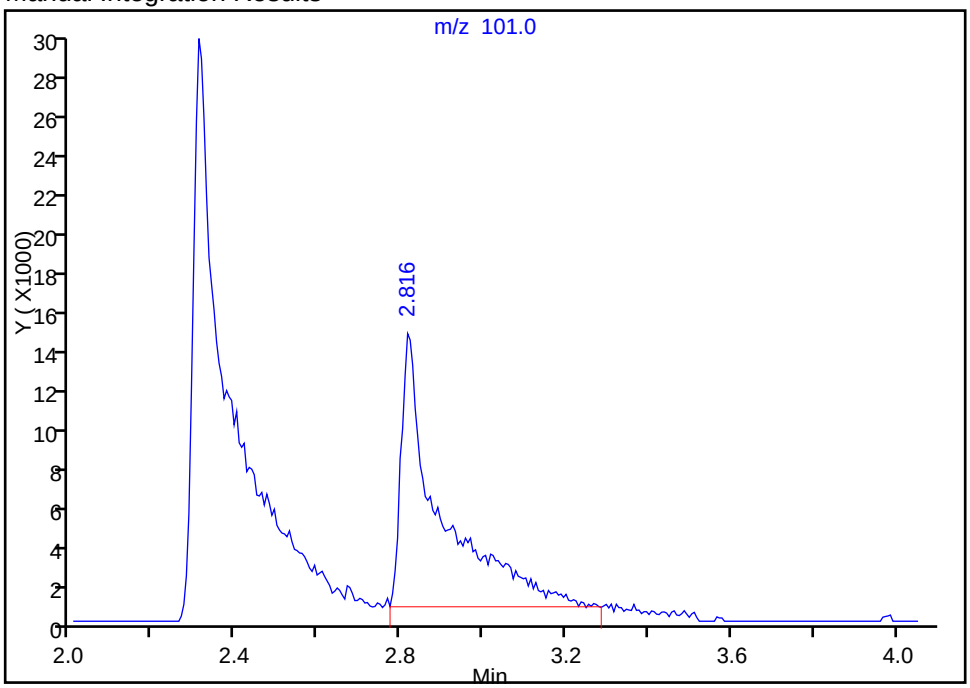
Processing Integration Results

RT: 2.82
Response: 71247
Amount: 9.550841



Manual Integration Results

RT: 2.82
Response: 90396
Amount: 12.117813



Reviewer: nguyendudziaknq, 08-Nov-2014 11:46:37
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

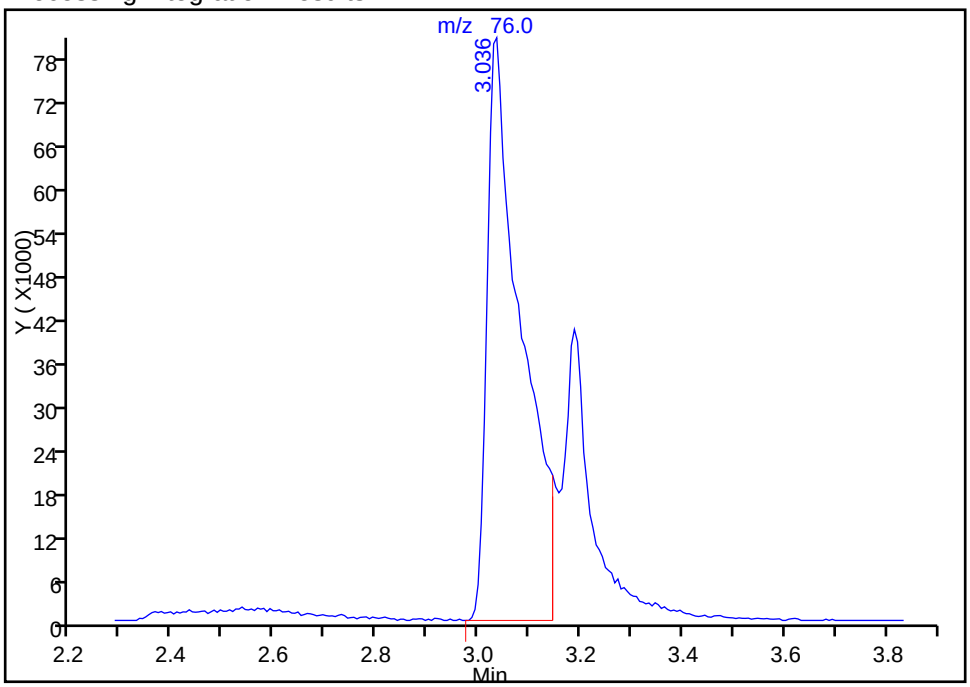
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36193.D
Injection Date: 08-Nov-2014 11:08:30 Instrument ID: HP5973G
Lims ID: LCS
Client ID:
Operator ID: NQ ALS Bottle#: 35 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

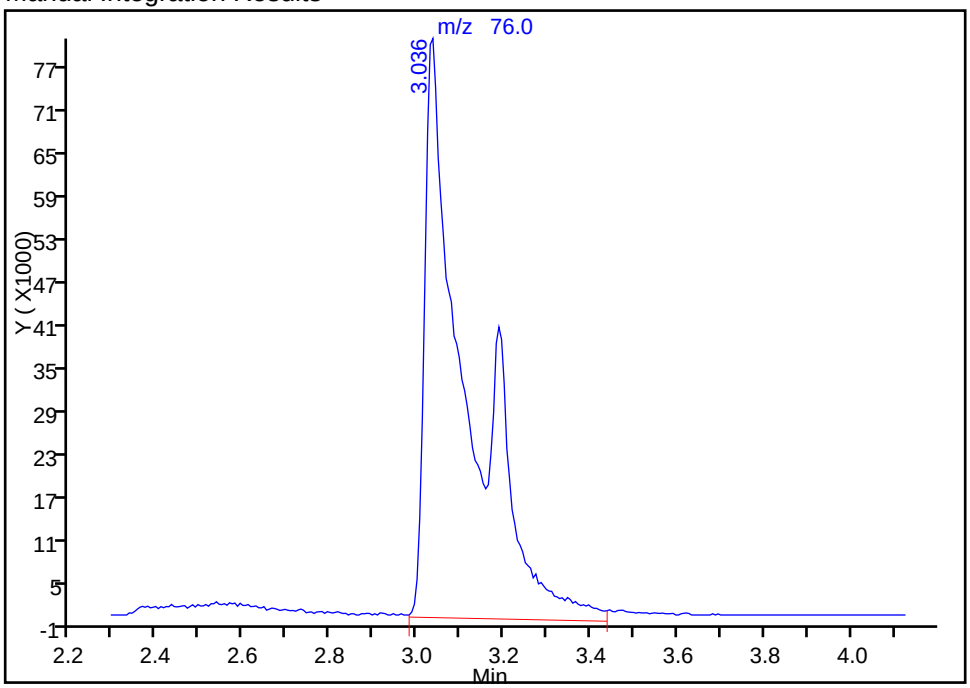
Processing Integration Results

RT: 3.04
Response: 376044
Amount: 13.707918



Manual Integration Results

RT: 3.04
Response: 553536
Amount: 20.178027



Reviewer: nguyendudziaknq, 08-Nov-2014 11:46:37
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

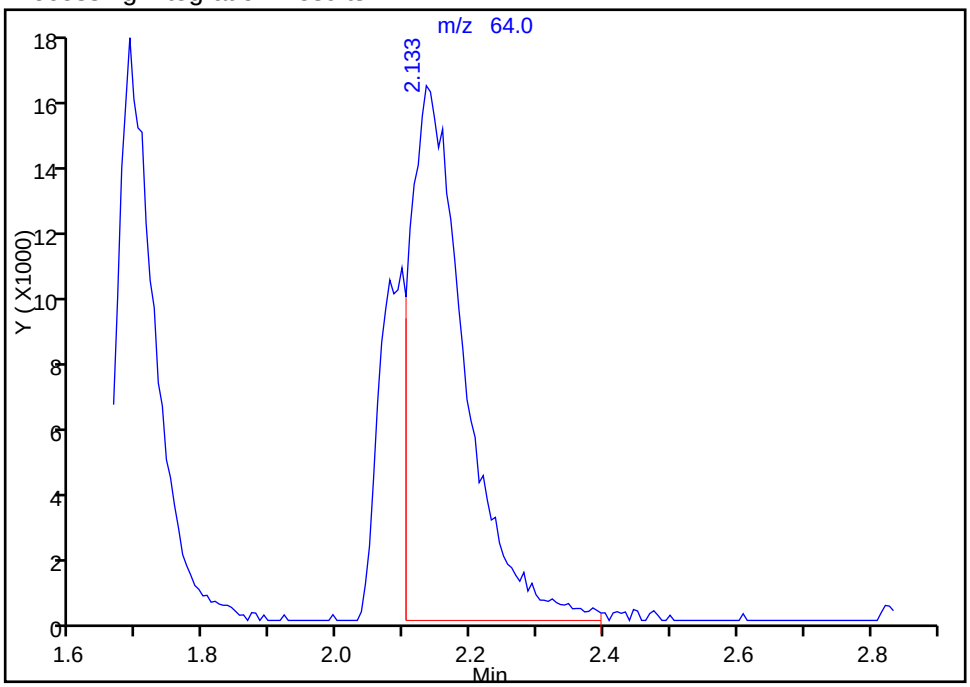
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36193.D
Injection Date: 08-Nov-2014 11:08:30 Instrument ID: HP5973G
Lims ID: LCS
Client ID:
Operator ID: NQ ALS Bottle#: 35 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

15 Chloroethane, CAS: 75-00-3

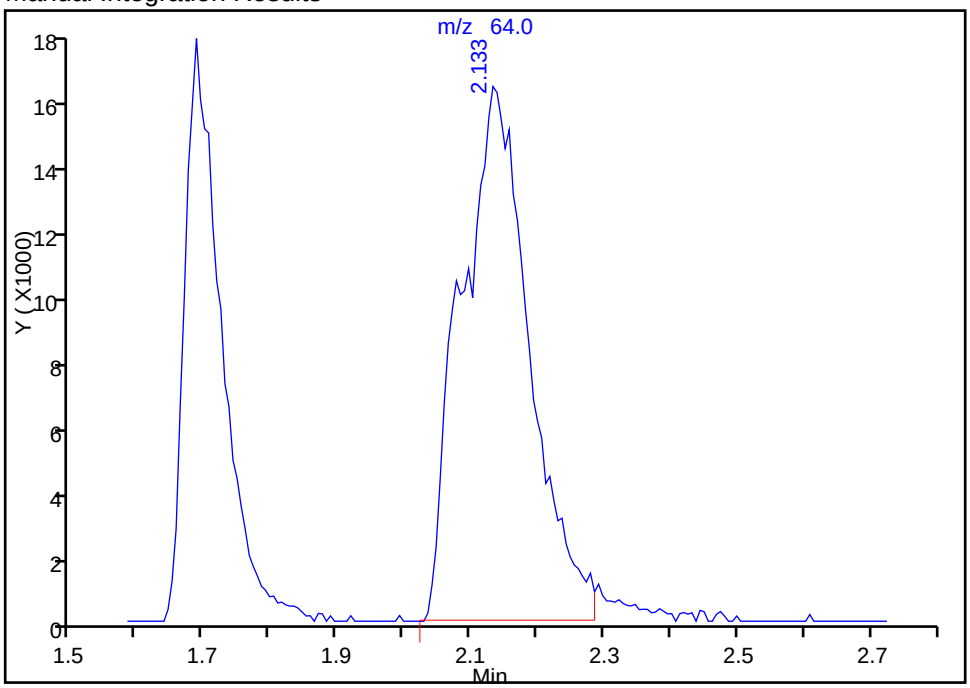
Processing Integration Results

RT: 2.13
Response: 89058
Amount: 15.862773



Manual Integration Results

RT: 2.13
Response: 111287
Amount: 19.822143



Reviewer: nguyendudziaknq, 08-Nov-2014 11:46:37
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

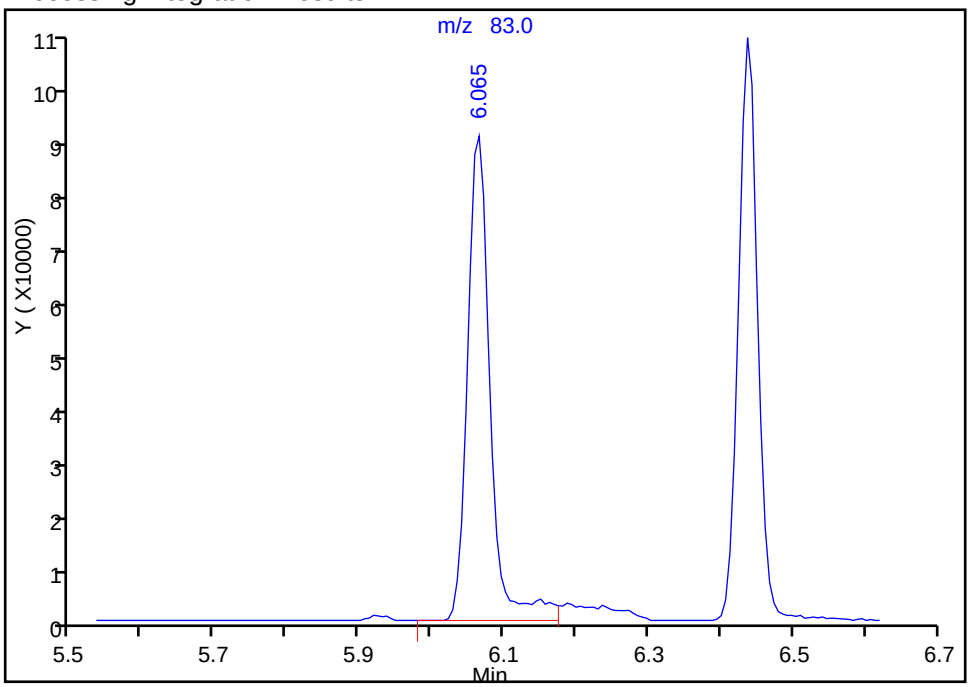
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141108-37210.b\G36193.D
Injection Date: 08-Nov-2014 11:08:30 Instrument ID: HP5973G
Lims ID: LCS
Client ID:
Operator ID: NQ ALS Bottle#: 35 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

62 Methylcyclohexane, CAS: 108-87-2

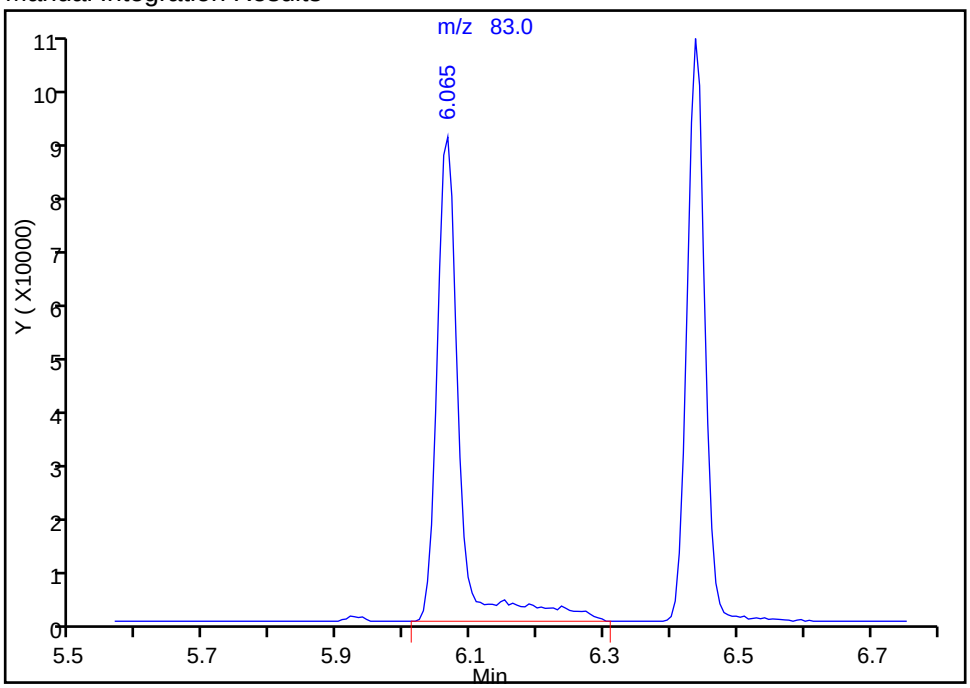
Processing Integration Results

RT: 6.07
Response: 191580
Amount: 16.006177



Manual Integration Results

RT: 6.07
Response: 206254
Amount: 17.232164



Reviewer: nguyendudziaknq, 08-Nov-2014 11:46:37
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-213019/5

Matrix: Water Lab File ID: G36232.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2014 00:00

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.: 213019 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	27.4		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	25.0		1.0	0.21
79-00-5	1,1,2-Trichloroethane	25.7		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.1		1.0	0.31
75-34-3	1,1-Dichloroethane	23.3		1.0	0.38
75-35-4	1,1-Dichloroethene	19.2		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	26.1		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1.0	0.39
106-93-4	1,2-Dibromoethane	24.6		1.0	0.73
95-50-1	1,2-Dichlorobenzene	25.1		1.0	0.79
107-06-2	1,2-Dichloroethane	19.5		1.0	0.21
78-87-5	1,2-Dichloropropane	26.0		1.0	0.72
541-73-1	1,3-Dichlorobenzene	25.5		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.4		1.0	0.84
591-78-6	2-Hexanone	107		5.0	1.2
78-93-3	2-Butanone (MEK)	103		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	2.1
67-64-1	Acetone	94.5		10	3.0
71-43-2	Benzene	26.4		1.0	0.41
75-27-4	Bromodichloromethane	24.0		1.0	0.39
75-25-2	Bromoform	21.0		1.0	0.26
74-83-9	Bromomethane	26.4		1.0	0.69
75-15-0	Carbon disulfide	21.6		1.0	0.19
56-23-5	Carbon tetrachloride	19.4		1.0	0.27
108-90-7	Chlorobenzene	25.6		1.0	0.75
124-48-1	Dibromochloromethane	21.2		1.0	0.32
75-00-3	Chloroethane	22.3		1.0	0.32
67-66-3	Chloroform	23.0		1.0	0.34
74-87-3	Chloromethane	24.1		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	26.4		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	25.1		1.0	0.36
110-82-7	Cyclohexane	21.8		1.0	0.18
75-71-8	Dichlorodifluoromethane	20.6		1.0	0.68
100-41-4	Ethylbenzene	25.3		1.0	0.74
98-82-8	Isopropylbenzene	24.8		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-213019/5

Matrix: Water Lab File ID: G36232.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2014 00:00

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.: 213019 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	107		2.5	0.50
1634-04-4	Methyl tert-butyl ether	23.2		1.0	0.16
108-87-2	Methylcyclohexane	23.6		1.0	0.16
75-09-2	Methylene Chloride	21.8		1.0	0.44
100-42-5	Styrene	26.6		1.0	0.73
127-18-4	Tetrachloroethene	25.4		1.0	0.36
108-88-3	Toluene	26.1		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	23.2		1.0	0.37
79-01-6	Trichloroethene	24.6		1.0	0.46
75-69-4	Trichlorofluoromethane	21.3		1.0	0.88
75-01-4	Vinyl chloride	25.1		1.0	0.90
1330-20-7	Xylenes, Total	52.1		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	95		60-140

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36232.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2014 00:00:30 ALS Bottle#: 74 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0037230-005480-0037230-005
Operator ID: gtg Instrument ID: HP5973G

Method: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 10-Nov-2014 00:56:24 Calib Date: 24-Sep-2014 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20140923-35654.b\G34248.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: goliszekg Date: 10-Nov-2014 00:43:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.584	5.584	0.000	99	133963	25.0	25.0	
* 2 Chlorobenzene-d5	82	8.577	8.577	0.000	86	284930	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.949	0.000	95	248712	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.986	4.986	0.000	86	136091	25.0	23.7	
$ 4 1,2-Dichloroethane-d4 (Sur	67	5.297	5.297	0.000	0	93152	25.0	21.0	
$ 5 Toluene-d8 (Surr)	98	7.096	7.096	0.000	92	667872	25.0	25.1	
$ 6 4-Bromofluorobenzene (Surr	174	9.821	9.821	0.000	87	183847	25.0	25.4	
10 Dichlorodifluoromethane	85	1.414	1.414	0.000	99	237248	25.0	20.6	
12 Chloromethane	50	1.578	1.578	0.000	99	209797	25.0	24.1	
13 Vinyl chloride	62	1.694	1.694	0.000	97	236381	25.0	25.1	
144 Butadiene	54	1.694	1.694	0.000	90	190752	25.0	25.2	
14 Bromomethane	94	2.048	2.048	0.000	92	75832	25.0	26.4	M
15 Chloroethane	64	2.145	2.145	0.000	98	123345	25.0	22.3	
17 Trichlorofluoromethane	101	2.316	2.316	0.000	98	248232	25.0	21.3	
16 Dichlorofluoromethane	67	2.322	2.322	0.000	94	293293	25.0	27.2	M
18 Ethyl ether	59	2.609	2.609	0.000	87	146526	25.0	25.5	
19 Acrolein	56	2.773	2.773	0.000	98	97442	125.0	109.1	
21 1,1,2-Trichloro-1,2,2-trif	101	2.822	2.822	0.000	53	118076	25.0	16.1	M
20 1,1-Dichloroethene	96	2.828	2.828	0.000	97	175366	25.0	19.2	
22 Acetone	43	2.932	2.932	0.000	98	252731	125.0	94.5	
23 Iodomethane	142	2.993	2.993	0.000	98	222065	25.0	23.0	
24 Carbon disulfide	76	3.035	3.035	0.000	98	583053	25.0	21.6	M
26 3-Chloro-1-propene	41	3.188	3.188	0.000	94	195157	25.0	21.9	
28 Methyl acetate	43	3.231	3.231	0.000	96	711642	125.0	106.9	
29 Methylene Chloride	84	3.334	3.334	0.000	88	200366	25.0	21.8	
30 2-Methyl-2-propanol	59	3.487	3.487	0.000	100	200636	250.0	178.1	
31 Methyl tert-butyl ether	73	3.554	3.554	0.000	93	531648	25.0	23.2	
32 trans-1,2-Dichloroethene	96	3.566	3.566	0.000	100	151236	25.0	20.8	
33 Acrylonitrile	53	3.590	3.590	0.000	100	698529	250.0	236.8	
34 Hexane	57	3.779	3.779	0.000	88	236715	25.0	24.3	
36 1,1-Dichloroethane	63	3.974	3.974	0.000	96	278860	25.0	23.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
38 Vinyl acetate	43	4.029	4.029	0.000	97	372005	50.0	41.3	
42 2,2-Dichloropropane	77	4.505	4.505	0.000	86	156449	25.0	36.3	
43 cis-1,2-Dichloroethene	96	4.523	4.523	0.000	79	179869	25.0	26.4	
44 2-Butanone (MEK)	43	4.553	4.553	0.000	98	406438	125.0	103.2	
48 Chlorobromomethane	128	4.755	4.755	0.000	96	82027	25.0	25.3	
49 Tetrahydrofuran	42	4.791	4.791	0.000	89	110401	50.0	40.3	
50 Chloroform	85	4.834	4.834	0.000	92	174319	25.0	23.0	
51 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	199581	25.0	27.4	
52 Cyclohexane	56	4.986	4.986	0.000	85	281571	25.0	21.8	M
53 Carbon tetrachloride	117	5.108	5.108	0.000	96	148597	25.0	19.4	
54 1,1-Dichloropropene	75	5.114	5.114	0.000	99	210240	25.0	23.6	
55 Isobutyl alcohol	43	5.303	5.303	0.000	96	213618	625.0	508.2	
56 Benzene	78	5.316	5.316	0.000	96	709366	25.0	26.4	
57 1,2-Dichloroethane	62	5.364	5.364	0.000	97	202064	25.0	19.5	
59 n-Heptane	43	5.517	5.517	0.000	89	231194	25.0	23.9	
61 Trichloroethene	95	5.925	5.925	0.000	99	163516	25.0	24.6	
62 Methylcyclohexane	83	6.065	6.065	0.000	85	277793	25.0	23.6	
63 1,2-Dichloropropane	63	6.157	6.157	0.000	97	169091	25.0	26.0	
65 Dibromomethane	93	6.291	6.291	0.000	96	94350	25.0	23.3	
66 1,4-Dioxane	88	6.303	6.303	0.000	90	34923	500.0	362.3	
67 Dichlorobromomethane	83	6.437	6.437	0.000	99	194786	25.0	24.0	
70 2-Chloroethyl vinyl ether	63	6.718	6.718	0.000	91	117126	25.0	24.4	
72 cis-1,3-Dichloropropene	75	6.858	6.858	0.000	97	263940	25.0	25.1	
73 4-Methyl-2-pentanone (MIBK	43	6.998	6.998	0.000	93	830493	125.0	104.3	
74 Toluene	92	7.157	7.157	0.000	99	450436	25.0	26.1	
76 trans-1,3-Dichloropropene	75	7.419	7.419	0.000	90	222513	25.0	23.2	
78 Ethyl methacrylate	69	7.474	7.474	0.000	87	243427	25.0	24.2	
79 1,1,2-Trichloroethane	83	7.608	7.608	0.000	90	130854	25.0	25.7	
80 Tetrachloroethene	166	7.705	7.705	0.000	97	167979	25.0	25.4	
81 1,3-Dichloropropane	76	7.772	7.772	0.000	87	284527	25.0	24.3	
82 2-Hexanone	43	7.839	7.839	0.000	92	603452	125.0	106.8	
83 Chlorodibromomethane	129	8.010	8.010	0.000	90	134315	25.0	21.2	
84 Ethylene Dibromide	107	8.120	8.120	0.000	98	153432	25.0	24.6	
86 Chlorobenzene	112	8.608	8.608	0.000	94	470846	25.0	25.6	
88 1,1,1,2-Tetrachloroethane	131	8.699	8.699	0.000	93	138773	25.0	24.9	
89 Ethylbenzene	91	8.699	8.699	0.000	98	829524	25.0	25.3	
90 m-Xylene & p-Xylene	106	8.821	8.821	0.000	99	336113	25.0	25.9	
91 o-Xylene	106	9.254	9.254	0.000	96	327169	25.0	26.2	
92 Styrene	104	9.278	9.278	0.000	94	567941	25.0	26.6	
93 Bromoform	173	9.510	9.510	0.000	97	75801	25.0	21.0	
95 Isopropylbenzene	105	9.632	9.632	0.000	95	840212	25.0	24.8	
97 Bromobenzene	156	9.967	9.967	0.000	94	196430	25.0	25.6	
98 1,1,2,2-Tetrachloroethane	83	10.004	10.004	0.000	93	216075	25.0	25.0	
99 1,2,3-Trichloropropane	110	10.040	10.040	0.000	85	68388	25.0	22.4	
100 trans-1,4-Dichloro-2-buten	53	10.052	10.052	0.000	63	41863	25.0	14.8	
101 N-Propylbenzene	91	10.059	10.059	0.000	99	994236	25.0	25.4	
102 2-Chlorotoluene	126	10.156	10.156	0.000	96	187154	25.0	24.4	
104 1,3,5-Trimethylbenzene	105	10.229	10.229	0.000	93	715744	25.0	24.7	
105 4-Chlorotoluene	126	10.266	10.266	0.000	96	202025	25.0	25.1	
106 tert-Butylbenzene	134	10.546	10.546	0.000	93	155015	25.0	25.2	
107 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	97	742796	25.0	24.9	
109 sec-Butylbenzene	105	10.760	10.760	0.000	94	933133	25.0	25.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	10.888	10.888	0.000	97	387135	25.0	25.5	
111 4-Isopropyltoluene	119	10.894	10.894	0.000	97	781324	25.0	25.4	
113 1,4-Dichlorobenzene	146	10.973	10.973	0.000	95	398498	25.0	25.4	
115 n-Butylbenzene	91	11.278	11.278	0.000	97	720338	25.0	25.0	
116 1,2-Dichlorobenzene	146	11.320	11.320	0.000	98	379393	25.0	25.1	
117 1,2-Dibromo-3-Chloropropan	75	12.040	12.040	0.000	85	32242	25.0	20.1	
119 1,2,4-Trichlorobenzene	180	12.729	12.729	0.000	94	287554	25.0	26.1	
120 Hexachlorobutadiene	225	12.845	12.845	0.000	97	123154	25.0	25.1	
121 Naphthalene	128	12.936	12.936	0.000	97	727387	25.0	28.0	
122 1,2,3-Trichlorobenzene	180	13.143	13.143	0.000	96	265646	25.0	27.5	
S 123 Total BTEX	1				0			129.9	
S 124 Xylenes, Total	1				0			52.1	
S 125 1,2-Dichloroethene, Total	1				0			47.2	
S 126 1,3-Dichloropropene, Total	1				0			48.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00022	Amount Added:	12.50	Units: uL	
GAS CORP mix_00056	Amount Added:	12.50	Units: uL	
G_8260_IS_00067	Amount Added:	1.00	Units: uL	Run Reagent
G_8260_Surr_00081	Amount Added:	1.00	Units: uL	Run Reagent

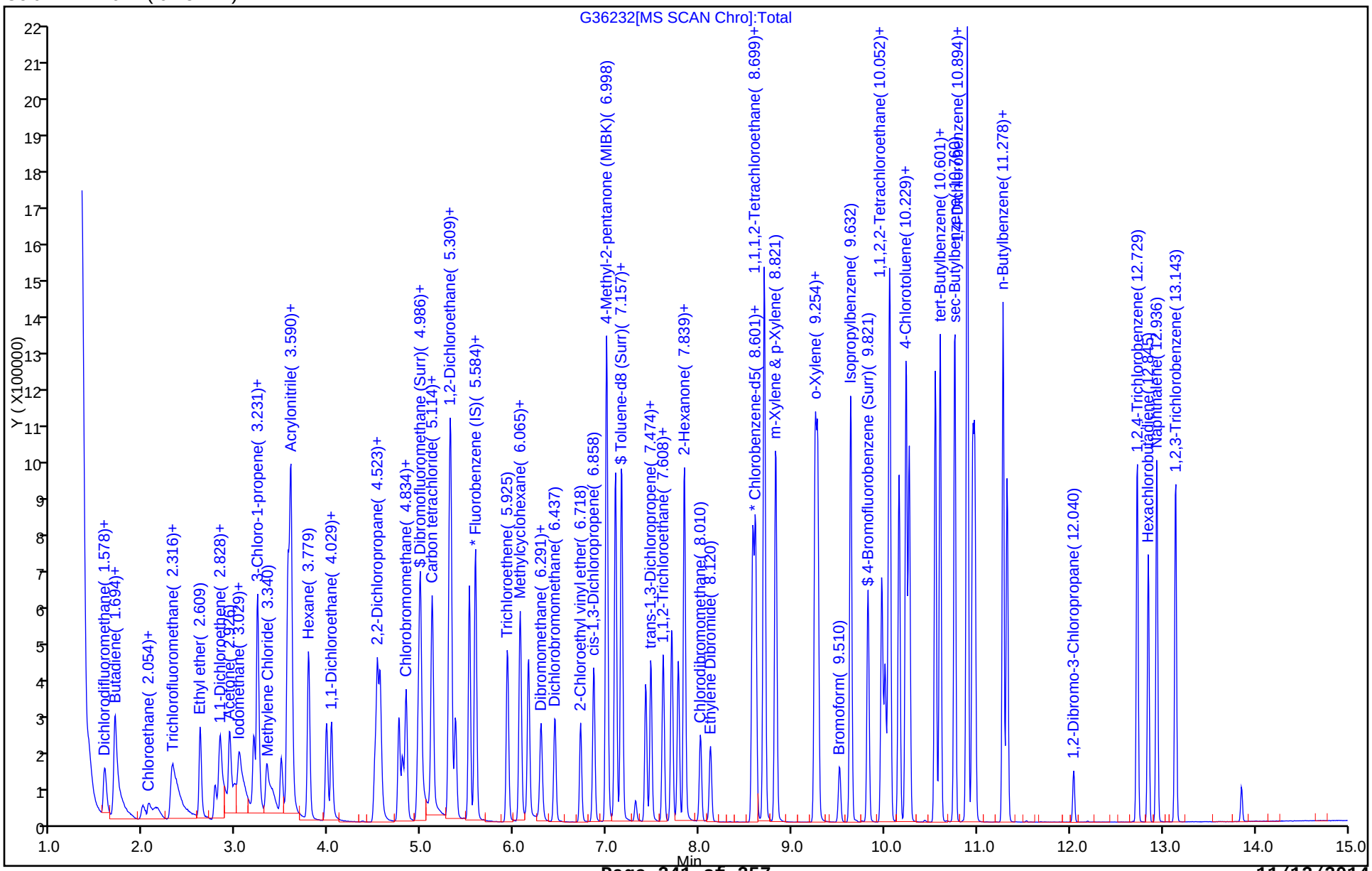
Report Date: 10-Nov-2014 00:56:25 Chrom Revision: 2.2 07-Oct-2014 12:16:06

TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36232.D

Injection Date:	10-Nov-2014 00:00:30	Instrument ID:	HP5973G	Operator ID:	gtg
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	74
Method:	G-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



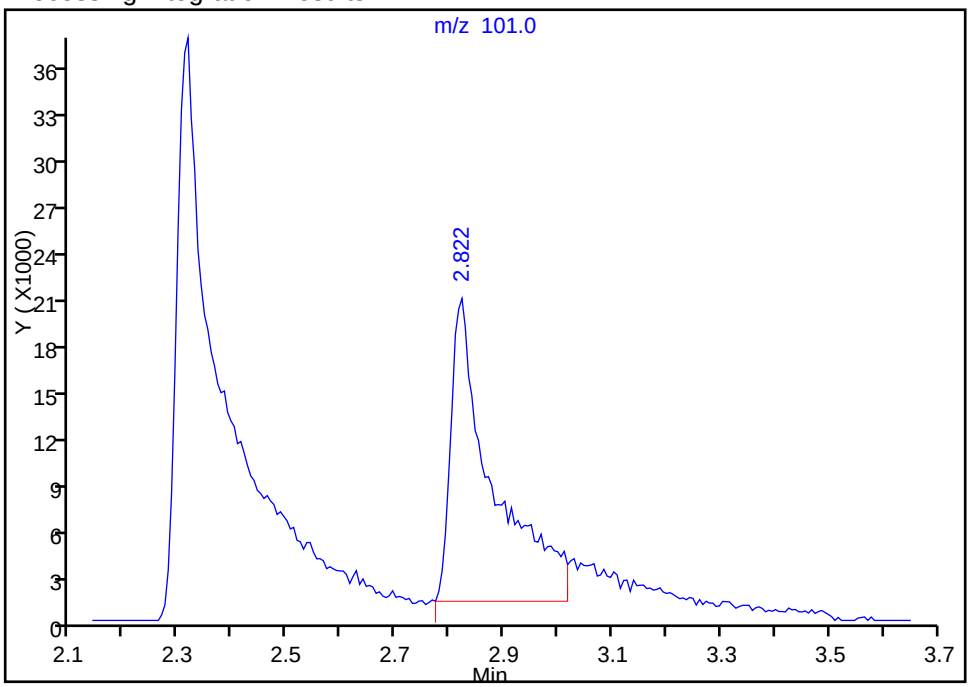
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36232.D
Injection Date: 10-Nov-2014 00:00:30 Instrument ID: HP5973G
Lims ID: LCS
Client ID:
Operator ID: gtg ALS Bottle#: 74 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

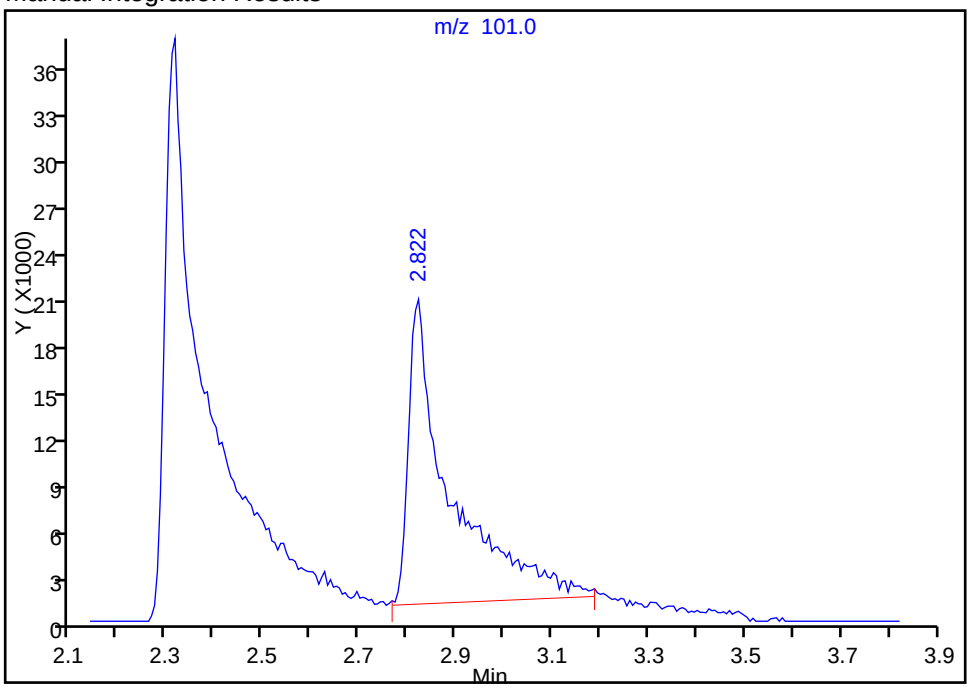
Processing Integration Results

RT: 2.82
Response: 104090
Amount: 14.193199



Manual Integration Results

RT: 2.82
Response: 118076
Amount: 16.100261



Reviewer: goliszekg, 10-Nov-2014 00:43:27
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

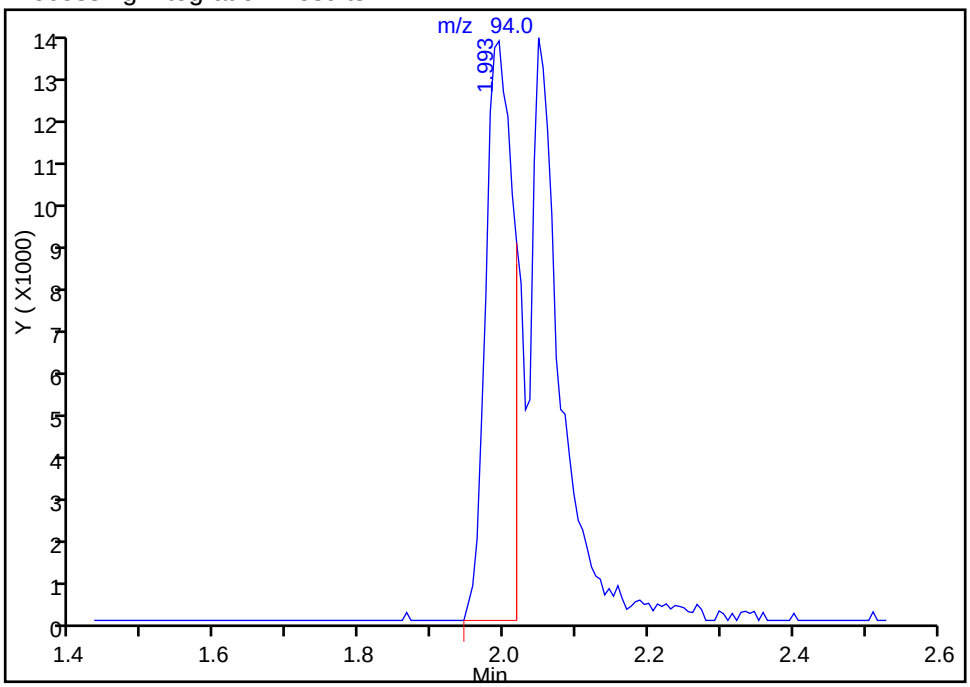
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36232.D
Injection Date: 10-Nov-2014 00:00:30 Instrument ID: HP5973G
Lims ID: LCS
Client ID:
Operator ID: gtg ALS Bottle#: 74 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

14 Bromomethane, CAS: 74-83-9

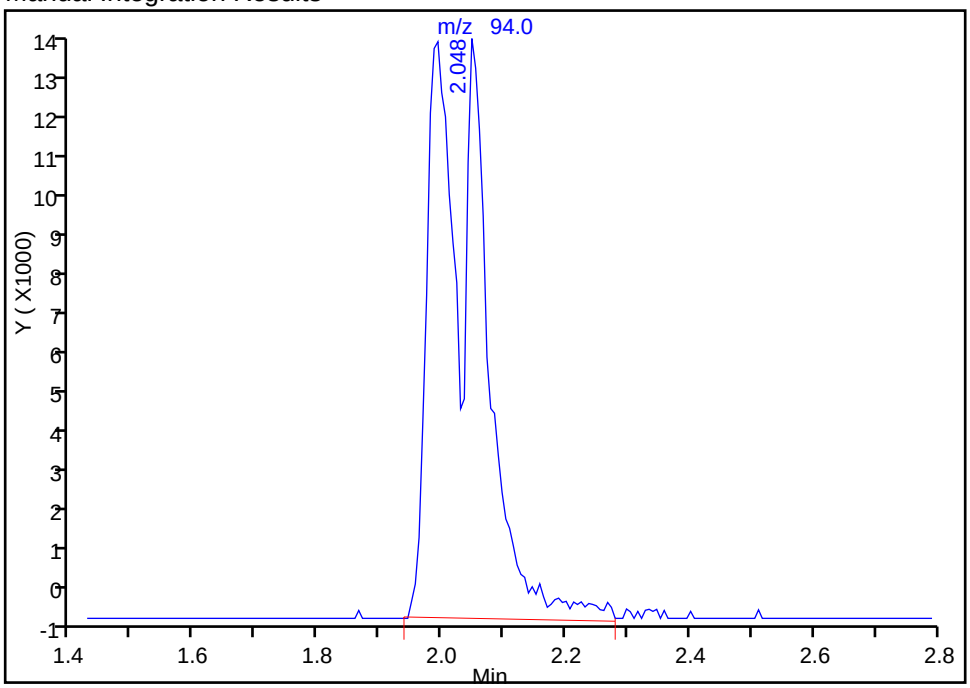
Processing Integration Results

RT: 1.99
Response: 34164
Amount: 13.496061



Manual Integration Results

RT: 2.05
Response: 75832
Amount: 26.441912



Reviewer: goliszekg, 10-Nov-2014 00:43:27
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

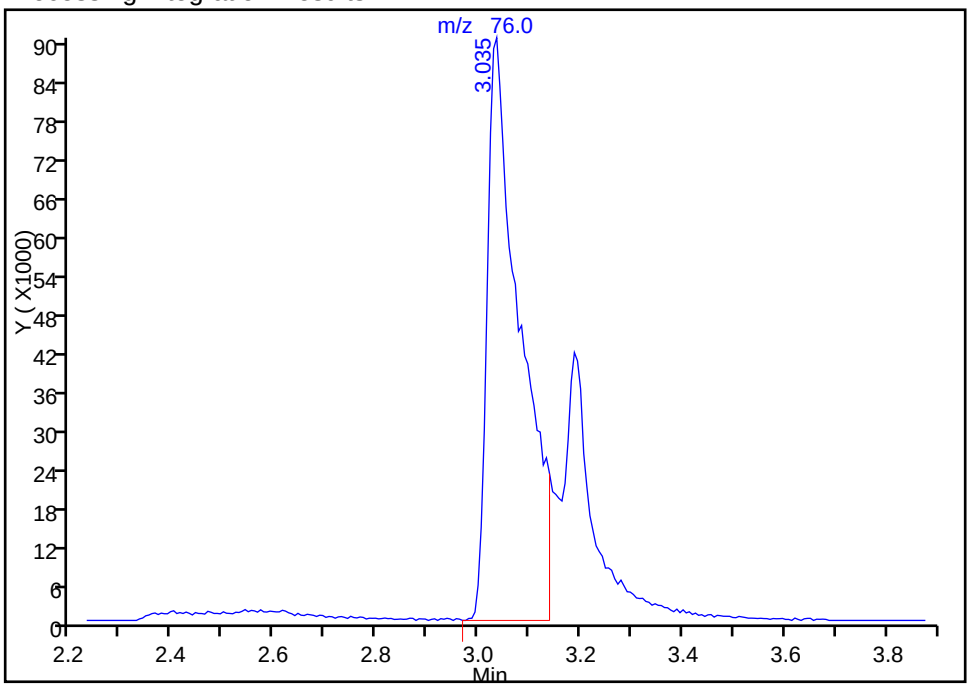
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36232.D
Injection Date: 10-Nov-2014 00:00:30 Instrument ID: HP5973G
Lims ID: LCS
Client ID:
Operator ID: gtg ALS Bottle#: 74 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

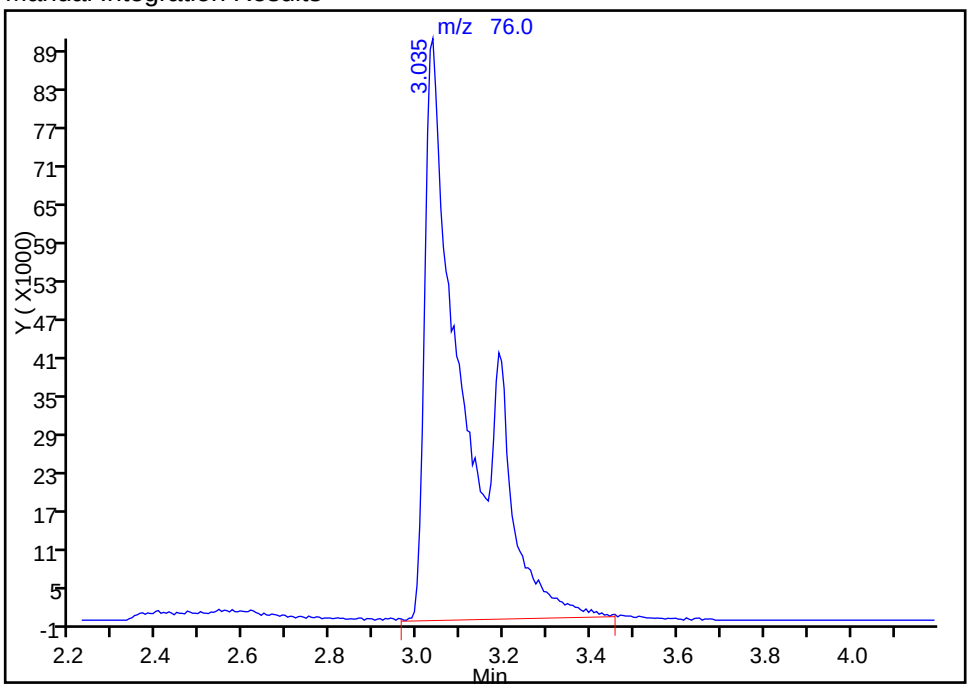
Processing Integration Results

RT: 3.04
Response: 407388
Amount: 15.105577



Manual Integration Results

RT: 3.04
Response: 583053
Amount: 21.619076



Reviewer: goliszekg, 10-Nov-2014 00:43:27
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

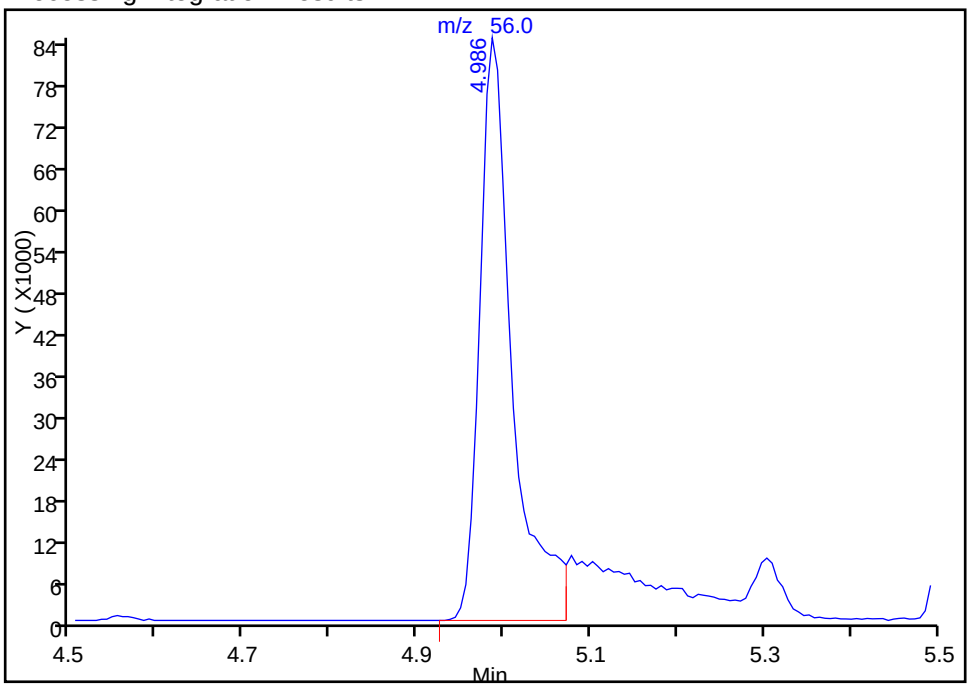
TestAmerica Buffalo

Data File: \\Bufchrom\ChromData\HP5973G\20141109-37230.b\G36232.D
Injection Date: 10-Nov-2014 00:00:30 Instrument ID: HP5973G
Lims ID: LCS
Client ID:
Operator ID: gtg ALS Bottle#: 74 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: G-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

52 Cyclohexane, CAS: 110-82-7

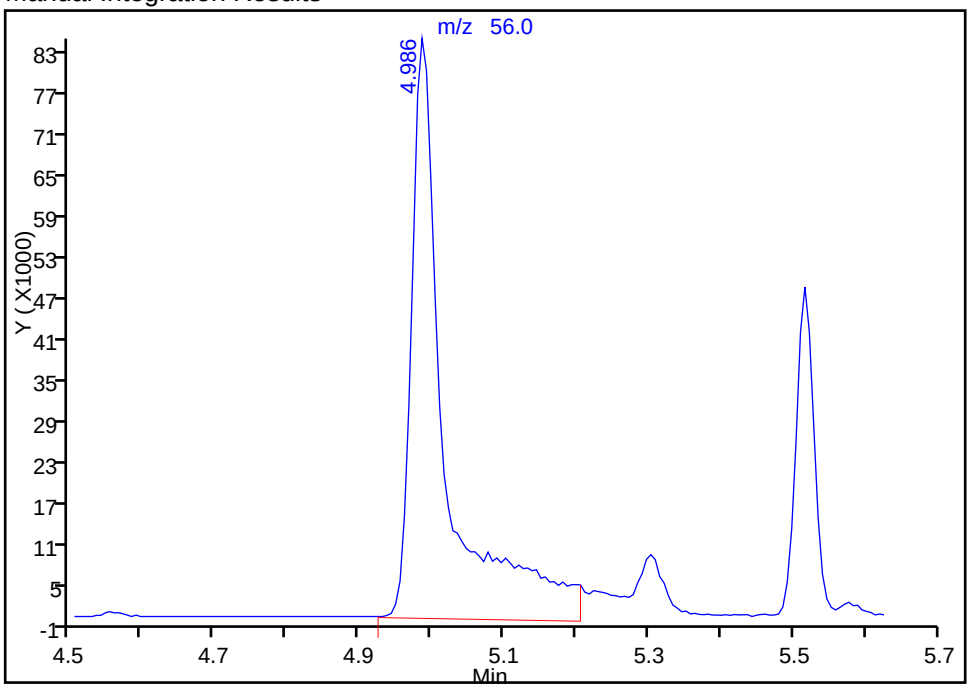
Processing Integration Results

RT: 4.99
Response: 222256
Amount: 17.180085



Manual Integration Results

RT: 4.99
Response: 281571
Amount: 21.765054



Reviewer: goliszekg, 10-Nov-2014 00:43:27
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Instrument ID: HP5973G Start Date: 09/24/2014 03:40

Analysis Batch Number: 204000 End Date: 09/24/2014 11:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-204000/26		09/24/2014 03:40	1	G34230.D	ZB-624 (60) 0.25(mm)
IC 480-204000/5		09/24/2014 04:27	1	G34232.D	ZB-624 (60) 0.25(mm)
IC 480-204000/6		09/24/2014 04:49	1	G34233.D	ZB-624 (60) 0.25(mm)
IC 480-204000/7		09/24/2014 05:11	1	G34234.D	ZB-624 (60) 0.25(mm)
IC 480-204000/8		09/24/2014 05:34	1	G34235.D	ZB-624 (60) 0.25(mm)
ICIS 480-204000/9		09/24/2014 05:56	1	G34236.D	ZB-624 (60) 0.25(mm)
IC 480-204000/10		09/24/2014 06:19	1	G34237.D	ZB-624 (60) 0.25(mm)
IC 480-204000/11		09/24/2014 06:42	1	G34238.D	ZB-624 (60) 0.25(mm)
MDLV 480-204000/13		09/24/2014 07:27	1		ZB-624 (60) 0.25(mm)
IC 480-204000/15		09/24/2014 08:12	1		ZB-624 (60) 0.25(mm)
IC 480-204000/16		09/24/2014 08:34	1		ZB-624 (60) 0.25(mm)
IC 480-204000/17		09/24/2014 08:57	1		ZB-624 (60) 0.25(mm)
IC 480-204000/18		09/24/2014 09:19	1		ZB-624 (60) 0.25(mm)
IC 480-204000/19		09/24/2014 09:42	1		ZB-624 (60) 0.25(mm)
IC 480-204000/20		09/24/2014 10:04	1		ZB-624 (60) 0.25(mm)
IC 480-204000/21		09/24/2014 10:27	1		ZB-624 (60) 0.25(mm)
MDLV 480-204000/23		09/24/2014 11:12	1		ZB-624 (60) 0.25(mm)
ICV 480-204000/24		09/24/2014 11:35	1		ZB-624 (60) 0.25(mm)
ICV 480-204000/25		09/24/2014 11:57	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Instrument ID: HP5973G Start Date: 11/08/2014 09:44

Analysis Batch Number: 212900 End Date: 11/08/2014 23:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-212900/2		11/08/2014 09:44	1	G36190.D	ZB-624 (60) 0.25(mm)
CCVIS 480-212900/3		11/08/2014 10:10	1	G36191.D	ZB-624 (60) 0.25(mm)
LCS 480-212900/5		11/08/2014 11:08	1	G36193.D	ZB-624 (60) 0.25(mm)
MB 480-212900/7		11/08/2014 11:53	1	G36195.D	ZB-624 (60) 0.25(mm)
480-70476-1	MW-1402	11/08/2014 12:31	1	G36196.D	ZB-624 (60) 0.25(mm)
480-70476-2	MW-1401	11/08/2014 12:54	1	G36197.D	ZB-624 (60) 0.25(mm)
480-70476-3	MW-1403	11/08/2014 13:16	1	G36198.D	ZB-624 (60) 0.25(mm)
480-70476-4	MW-1405	11/08/2014 13:39	1	G36199.D	ZB-624 (60) 0.25(mm)
480-70476-5	MW-1406	11/08/2014 14:01	1	G36200.D	ZB-624 (60) 0.25(mm)
480-70476-6	MW-1407	11/08/2014 14:23	1	G36201.D	ZB-624 (60) 0.25(mm)
480-70476-7	MW-6	11/08/2014 14:45	1	G36202.D	ZB-624 (60) 0.25(mm)
480-70476-8	MW-1404	11/08/2014 15:07	1	G36203.D	ZB-624 (60) 0.25(mm)
480-70476-9	MW-1408	11/08/2014 15:30	1	G36204.D	ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 15:52	40		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 16:14	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 16:36	400		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 16:58	200		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 17:21	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 17:43	10		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 18:05	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 18:28	5		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 18:50	2		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 19:12	400		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 19:34	400		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 20:19	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 20:41	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 21:03	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 21:25	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 21:47	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 22:10	10		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 22:32	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 22:54	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 23:16	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/08/2014 23:38	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Instrument ID: HP5973G Start Date: 11/09/2014 22:45

Analysis Batch Number: 213019 End Date: 11/10/2014 08:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-213019/2		11/09/2014 22:45	1	G36229.D	ZB-624 (60) 0.25(mm)
CCVIS 480-213019/3		11/09/2014 23:16	1	G36230.D	ZB-624 (60) 0.25(mm)
CCV 480-213019/4		11/09/2014 23:38	1		ZB-624 (60) 0.25(mm)
LCS 480-213019/5		11/10/2014 00:00	1	G36232.D	ZB-624 (60) 0.25(mm)
MDLV 480-213019/6		11/10/2014 00:23	1		ZB-624 (60) 0.25(mm)
MB 480-213019/7		11/10/2014 00:46	1	G36234.D	ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 01:41	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 02:04	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 02:27	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 02:49	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 03:12	1		ZB-624 (60) 0.25(mm)
480-70476-10	DUP	11/10/2014 03:34	1	G36240.D	ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 03:56	800		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 04:19	400		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 04:41	40		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 05:03	80		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 05:25	400		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 05:48	400		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 06:33	400		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 06:55	1		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 07:17	800		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 07:39	5		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 08:01	20		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 08:23	20		ZB-624 (60) 0.25(mm)
ZZZZZ		11/10/2014 08:46	20		ZB-624 (60) 0.25(mm)

GC/MS VOA Worksheet

Batch Number: 480-212900
Method: 8260C
Analyst: Goliszek, Gregory T

Date Open: Nov 08 2014 9:44AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	8260 CORP mix_00022	BFB_WRK_00037
BFB~480-212900/2		8260C			1 uL	1 uL	HP5973G		1 uL
CCVIS~480-212900/3		8260C			5 mL	5 mL	HP5973G	12.5 uL	
LCS~480-212900/5		8260C			5 mL	5 mL	HP5973G	12.5 uL	
MB~480-212900/7		8260C			5 mL	5 mL	HP5973G		
480-70476-A-1	MW-1402	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70476-A-2	MW-1401	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70476-A-3	MW-1403	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70476-A-4	MW-1405	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70476-A-5	MW-1406	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70476-A-6	MW-1407	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70476-A-7	MW-6	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70476-A-8	MW-1404	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70476-A-9	MW-1408	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-14	EMW-20S	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-19	EMW-29	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-23	EMW-33	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-26	EMW-36	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-27	EMW-37	8260C	T	7 SU	5 mL	5 mL	HP5973G		
480-70551-A-46	2-7	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-A-47	2-8	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-A-48	2-9	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-A-49	2-10	8260C	T	7 SU	5 mL	5 mL	HP5973G		
480-70248-I-3	W-7	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70248-I-5	W-6	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70419-F-3	GWC-9	8260C	T	<2 SU	5 mL	5 mL	HP5973G		

GC/MS VOA Worksheet

Batch Number: 480-212900
Method: 8260C
Analyst: Goliszek, Gregory T

Date Open: Nov 08 2014 9:44AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	G_8260_IS_00067	G_8260_Surr_00081	GAS CORP mix_00055
BFB~480-212900/2		8260C				
CCVIS~480-212900/3		8260C		1 uL	1 uL	12.5 uL
LCS~480-212900/5		8260C		1 uL	1 uL	12.5 uL
MB~480-212900/7		8260C		1 uL	1 uL	
480-70476-A-1	MW-1402	8260C	T	1 uL	1 uL	
480-70476-A-2	MW-1401	8260C	T	1 uL	1 uL	
480-70476-A-3	MW-1403	8260C	T	1 uL	1 uL	
480-70476-A-4	MW-1405	8260C	T	1 uL	1 uL	
480-70476-A-5	MW-1406	8260C	T	1 uL	1 uL	
480-70476-A-6	MW-1407	8260C	T	1 uL	1 uL	
480-70476-A-7	MW-6	8260C	T	1 uL	1 uL	
480-70476-A-8	MW-1404	8260C	T	1 uL	1 uL	
480-70476-A-9	MW-1408	8260C	T	1 uL	1 uL	
480-70551-B-14	EMW-20S	8260C	T	1 uL	1 uL	
480-70551-B-19	EMW-29	8260C	T	1 uL	1 uL	
480-70551-B-23	EMW-33	8260C	T	1 uL	1 uL	
480-70551-B-26	EMW-36	8260C	T	1 uL	1 uL	
480-70551-B-27	EMW-37	8260C	T	1 uL	1 uL	
480-70551-A-46	2-7	8260C	T	1 uL	1 uL	
480-70551-A-47	2-8	8260C	T	1 uL	1 uL	
480-70551-A-48	2-9	8260C	T	1 uL	1 uL	
480-70551-A-49	2-10	8260C	T	1 uL	1 uL	
480-70248-I-3	W-7	8260C	T	1 uL	1 uL	
480-70248-I-5	W-6	8260C	T	1 uL	1 uL	
480-70419-F-3	GWC-9	8260C	T	1 uL	1 uL	

GC/MS VOA Worksheet

Batch Number: 480-212900
Method: 8260C
Analyst: Goliszek, Gregory T

Date Open: Nov 08 2014 9:44AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	8260 CORP mix_00022	BFB_WRK_00037
480-70419-F-5	GWC-4	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-69798-H-5	GWC-2A	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-69832-N-1	L110	8260C	T	7 SU	5 mL	5 mL	HP5973G		
480-69735-D-2	INTERCEPTOR TRENCH	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-69970-B-3	P-323L	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-69820-C-1	OFFICE	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-69820-A-4	NBP03	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-23~MS		8260C	T	<2 SU	5 mL	5 mL	HP5973G	12.5 uL	
480-70551-B-23~MSD		8260C	T	<2 SU	5 mL	5 mL	HP5973G	12.5 uL	

GC/MS VOA Worksheet

Batch Number: 480-212900
Method: 8260C
Analyst: Goliszek, Gregory T

Date Open: Nov 08 2014 9:44AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	G_8260_IS_00067	G_8260_Surr_00081	GAS CORP mix_00055
480-70419-F-5	GWC-4	8260C	T	1 uL	1 uL	
480-69798-H-5	GWC-2A	8260C	T	1 uL	1 uL	
480-69832-N-1	L110	8260C	T	1 uL	1 uL	
480-69735-D-2	INTERCEPTOR TRENCH	8260C	T	1 uL	1 uL	
480-69970-B-3	P-323L	8260C	T	1 uL	1 uL	
480-69820-C-1	OFFICE	8260C	T	1 uL	1 uL	
480-69820-A-4	NBP03	8260C	T	1 uL	1 uL	
480-70551-B-23~MS		8260C	T	1 uL	1 uL	12.5 uL
480-70551-B-23~MSD		8260C	T	1 uL	1 uL	12.5 uL

GC/MS VOA Worksheet

Batch Number: 480-213019
Method: 8260C
Analyst: Boldt, Erik D

Date Open: Nov 09 2014 10:45PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	2MTP_WRK_00036	3MTP_WRK_00039
BFB~480-213019/2		8260C			1 uL	1 uL	HP5973G		
CCVIS~480-213019/3		8260C			5 mL	5 mL	HP5973G		
CCV~480-213019/4		8260C			5 mL	5 mL	HP5973G	12.5 uL	12.5 uL
LCS~480-213019/5		8260C			5 mL	5 mL	HP5973G		
MDLV~480-213019/6					5 mL	5 mL	HP5973G		
MB~480-213019/7		8260C			5 mL	5 mL	HP5973G		
480-70408-E-1	MW04D	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70408-E-2	MW-07D	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70408-E-3	TC101A	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70408-E-4	TC110A	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70408-A-5	TRIP BLANK	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70476-A-10	DUP	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-31	RW-2	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-32	RW-3	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-34	PEMW-41	8260C	T	7 SU	5 mL	5 mL	HP5973G		
480-70551-B-37	1-1	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-38	1-2	8260C	T	7 SU	5 mL	5 mL	HP5973G		
480-70551-B-39	1-4	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-41	2-2	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-43	2-4	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-44	2-5	8260C	T	7 SU	5 mL	5 mL	HP5973G		
480-70551-B-45	2-6	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-46	2-7	8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-46~MS		8260C	T	<2 SU	5 mL	5 mL	HP5973G		
480-70551-B-46~MSD		8260C	T	<2 SU	5 mL	5 mL	HP5973G		

GC/MS VOA Worksheet

Batch Number: 480-213019
Method: 8260C
Analyst: Boldt, Erik D

Date Open: Nov 09 2014 10:45PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	8260 CORP mix_00022	ADD CORP mix_00014	BFB_WRK_00037	G_8260_IS_00067	G_8260_Surr_00081	GAS CORP mix_00056
BFB~480-213019/2		8260C				1 uL			
CCVIS~480-213019/3		8260C		12.5 uL			1 uL	1 uL	12.5 uL
CCV~480-213019/4		8260C			12.5 uL		1 uL	1 uL	
LCS~480-213019/5		8260C		12.5 uL			1 uL	1 uL	12.5 uL
MDLV~480-213019/6				1 uL			1 uL	1 uL	1 uL
MB~480-213019/7		8260C					1 uL	1 uL	
480-70408-E-1	MW04D	8260C	T				1 uL	1 uL	
480-70408-E-2	MW-07D	8260C	T				1 uL	1 uL	
480-70408-E-3	TC101A	8260C	T				1 uL	1 uL	
480-70408-E-4	TC110A	8260C	T				1 uL	1 uL	
480-70408-A-5	TRIP BLANK	8260C	T				1 uL	1 uL	
480-70476-A-10	DUP	8260C	T				1 uL	1 uL	
480-70551-B-31	RW-2	8260C	T				1 uL	1 uL	
480-70551-B-32	RW-3	8260C	T				1 uL	1 uL	
480-70551-B-34	PEMW-41	8260C	T				1 uL	1 uL	
480-70551-B-37	1-1	8260C	T				1 uL	1 uL	
480-70551-B-38	1-2	8260C	T				1 uL	1 uL	
480-70551-B-39	1-4	8260C	T				1 uL	1 uL	
480-70551-B-41	2-2	8260C	T				1 uL	1 uL	
480-70551-B-43	2-4	8260C	T				1 uL	1 uL	
480-70551-B-44	2-5	8260C	T				1 uL	1 uL	
480-70551-B-45	2-6	8260C	T				1 uL	1 uL	
480-70551-B-46	2-7	8260C	T				1 uL	1 uL	
480-70551-B-46~MS		8260C	T	12.5 uL			1 uL	1 uL	12.5 uL
480-70551-B-46~MSD		8260C	T	12.5 uL			1 uL	1 uL	12.5 uL

Shipping and Receiving Documents

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

Chain of Custody Record

040256

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Christopher O'Neill	Site Contact: Kate Gloria	Date: 10/29/14	COC No:
Company Name: NYS DEC - 4	Tel/Fax:	Lab Contact:	Carrier:	1 of 1 COCs
Address: 1130 W Wescott Road	Analysis Turnaround Time			Sampler:
City/State/Zip: Schenectady, NY 12306-2014	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (518) 357-2045	TAT if different from Below _____			Walk-in Client:
Fax: (518) 357-2398	☐ 2 weeks			Lab Sampling:
Project Name: KEM Cleaners	☐ 1 week			
Site: Curry Road, Rotterdam NY	☐ 2 days			Job / SDG No.:
PO # KEM Cleaners	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	826oc	Sample Specific Notes:
MW-1402	10/29/14	12:50		GW					
MW-1401		12:20							
MW-1403		12:05							
MW-1405		9:50							
MW-1406		11:20							
MW-1407		11:30							
MW-6		11:50							
MW-1404		1325							
MW-1408		1300							
DUP		[redacted]							
		KL							

480-70476 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Please cc. Steve Phelps @ sphelps@precisionenvironmentalny.com Temp 3.0 #1

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Kelli D. Gloria	PES	10/30/14 1600		TA	10-30-14 1600
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TA	10-30-14 (1800)			
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA	10/31/14 0140

12/2/2014

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-70476-1

Login Number: 70476

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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	PES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ATTACHMENT E

Data Usability Summary Report

PRECISION
ENVIRONMENTAL SERVICES, INC.

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

September 8, 2014

Mr. Stephen Phelps
Precision Environmental Services, Inc.
Curtis Industrial Park
831 Rt. 67, Lot 38A.
Ballston Spa, New York 12020

Re: Data Usability Summary Report
Former KEM Cleaners
June-July 2014 Soil, Drum, and Ground Water Sampling Events

Dear Mr. Phelps:

The data usability summary report and data validation summary are attached to this letter for the Former KEM Cleaners, June-July 2014 soil, drum, and ground water sampling events. The data for TestAmerica Buffalo, job number 480-62518-1 were acceptable with some minor issues identified in the validation summary. There were no data that were qualified as either estimated (J) or unusable (R) in the data pack.

A list of common data validation acronyms and data validation qualifers is attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Precision Environmental Services, Inc.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

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Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

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Geology
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Water Supply

Data Usability Summary Report for
TestAmerica Buffalo, Job No:480-62518-1

9 Soil Samples, I Drum Sample,
9 Ground Water Samples, and 1 Field Duplicate
Collected June 23-July 3, 2014

Prepared by: Donald Anné
September 8, 2014

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 9 soil samples, 1 drum sample, 9 ground water samples, and 1 field duplicate analyzed for volatiles only.

The overall performances of the analysis are acceptable. TestAmerica Buffalo did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. There were no data that were flagged either estimated (J) or unusable (R); therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data
for TestAmerica Buffalo, Job No: 480-62517-1

9 Soil Samples, I Drum Sample,
9 Ground Water Samples, and 1 Field Duplicate
Collected June 23-July 3, 2014

Prepared by: Donald Anné
September 8, 2014

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with method criteria for average RRFs and %RSDs met those requirements.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The compounds with method criteria for RRFs met those requirements. The %Ds for chloromethane, vinyl chloride, and bromomethane were above the method allowable maximum (20%), but were not above 40% on 06-28-14 (F9558.D). The %D for caarbon tetrachloride was above the method allowable maximum (20%), but was not above 40% on 07-07-14 (F9726.D). The %D for carbon tetrachloride was above the method allowable maximum (20%), but was not above 40% on 07-07-14 (S39966.D). The %Ds for bromomethane and chloroethane were above the method allowable maximum (20%), but were not above 40% on 07-11-14 (T3207.D). The %Ds for dichlorodifluoromethane, carbon tetrachloride, cis1,3-dichloropropene, trans-1,3-dichloropropene, and 1,2-dibromo-3-chloropropane were above the method allowable maximum (20%), but were not above 40% on 07-14-14 (T3254.D). No action is taken on fewer 10% compounds per calibration outside criteria, provide the RRF is not less than 0.010 and the %D is not greater than 40%.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for vinyl chloride was above the allowable maximum (25%) on 06-28-14 (F9558.D). The %D for carbon tetrachloride was above the allowable maximum (25%) on 07-07-14 (F9726.D). The %D for carbon tetrachloride was above the allowable maximum (25%) on 07-07-14 (S39966.D). The %Ds for dichlorodifluoromethane, carbon tetrachloride,

679 Plank Road ▪ Clifton Park, New York 12065 ▪ (518) 348-6995 ▪ FAX (518) 348-6966
www.alphageoscience.com

and 1,2-dibromo-3-chloropropane were above the allowable maximum (25%) on 07-14-14 (T3254.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank MB 480-190420/8 contained a trace of methylene chloride (2.36 ug/kg). Positive results for methylene chloride that are less than ten times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil, drum and ground water samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-1407 and soil MS/MSD sample SB-7 8'.

Laboratory Control Sample: The percent recoveries were within QC limits for aqueous samples LCS 480-191393/6, LCS 480-192459/4, and LCS 480-192725/7, and solid samples LCS 480-190420/7 and LCS 480-191487/6.

Field Duplicate: The relative percent difference for tetrachloroethene was below the allowable maximum (20%) for aqueous field duplicate pair MW-1407/DUP (attached table), as required.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 480-62518-1

S1= MW-1407 **S2=** DUP

Analyte	S1	S2	RPD (%)
acetone	**4.0**	ND	NC
tetrachloroethene	40	37	8%
trichloroethene	**0.53**	**0.78**	NC

* RPD is above the allowable maximum (20%)

All results are in ug/L

Italic numbers are diluted values
Bold numbers were values that below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-190420/3 Calibration Date: 06/28/2014 10:11

Instrument ID: HP5973F Calib Start Date: 06/23/2014 00:33

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/23/2014 03:08

Lab File ID: F9558.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	2.165	2.111	0.1000	48.8	50.0	-2.5	20.0
Chloromethane	Ave	0.999	1.220	0.1000	61.0	50.0	22.1*	20.0
Vinyl chloride	Ave	0.7730	0.997	0.1000	64.5	50.0	29.0*	20.0
Butadiene	Ave	0.7129	0.8996		63.1	50.0	26.2*	20.0
Bromomethane	Ave	0.5366	0.6461	0.1000	60.2	50.0	20.4*	20.0
Chloroethane	Ave	0.4032	0.4794	0.1000	59.5	50.0	18.9	20.0
Dichlorofluoromethane	Ave	1.227	1.360		55.4	50.0	10.8	20.0
Trichlorofluoromethane	Ave	1.365	1.439	0.1000	52.7	50.0	5.4	20.0
Ethyl ether	Ave	0.7191	0.7367		51.2	50.0	2.5	20.0
Acrolein	Ave	0.1220	0.1459		299	250	19.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.136	1.242	0.1000	54.7	50.0	9.3	20.0
1,1-Dichloroethene	Ave	1.073	1.257	0.1000	58.6	50.0	17.2	20.0
Acetone	Ave	0.3805	0.4283	0.1000	281	250	12.6	20.0
Iodomethane	Ave	2.195	2.638		60.1	50.0	20.2*	20.0
Carbon disulfide	Ave	3.561	4.178	0.1000	58.7	50.0	17.3	20.0
Methyl acetate	Ave	0.9708	1.091	0.1000	281	250	12.3	20.0
Allyl chloride	Ave	1.899	2.137		56.3	50.0	12.5	20.0
Methylene Chloride	Qua		1.652	0.1000	49.0	50.0	-2.0	20.0
2-Methyl-2-propanol	Ave	0.1654	0.1948		589	500	17.8	20.0
Methyl tert-butyl ether	Ave	4.526	4.771	0.1000	52.7	50.0	5.4	20.0
trans-1,2-Dichloroethene	Ave	1.664	1.701	0.1000	51.1	50.0	2.2	20.0
Acrylonitrile	Ave	0.6169	0.6064		492	500	-1.7	20.0
Hexane	Ave	3.138	2.617		41.7	50.0	-16.6	20.0
Vinyl acetate	Ave	2.820	2.813		99.7	100	-0.3	20.0
1,1-Dichloroethane	Ave	2.912	2.808	0.2000	48.2	50.0	-3.6	20.0
2,2-Dichloropropane	Ave	2.308	2.362		51.2	50.0	2.3	20.0
2-Butanone (MEK)	Ave	0.8314	0.8026	0.1000	241	250	-3.5	20.0
cis-1,2-Dichloroethene	Ave	1.921	1.890	0.1000	49.2	50.0	-1.6	20.0
Chlorobromomethane	Ave	0.9660	0.9700		50.2	50.0	0.4	20.0
Tetrahydrofuran	Ave	0.5444	0.5127		94.2	100	-5.8	20.0
Chloroform	Ave	2.995	2.918	0.2000	48.7	50.0	-2.6	20.0
1,1,1-Trichloroethane	Ave	2.505	2.511	0.1000	50.1	50.0	0.2	20.0
Cyclohexane	Ave	3.127	2.923	0.1000	46.7	50.0	-6.5	20.0
1,1-Dichloropropene	Ave	2.245	2.139		47.6	50.0	-4.7	20.0
Carbon tetrachloride	Ave	2.290	2.304	0.1000	50.3	50.0	0.6	20.0
Isobutyl alcohol	Ave	0.0874	0.0815		1170	1250	-6.7	20.0
Benzene	Ave	7.000	6.712	0.5000	47.9	50.0	-4.1	20.0
1,2-Dichloroethane	Ave	2.221	2.127	0.1000	47.9	50.0	-4.3	20.0
n-Heptane	Ave	2.900	2.648		45.7	50.0	-8.7	20.0
Trichloroethene	Ave	1.808	1.760	0.2000	48.7	50.0	-2.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-190420/3 Calibration Date: 06/28/2014 10:11

Instrument ID: HP5973F Calib Start Date: 06/23/2014 00:33

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/23/2014 03:08

Lab File ID: F9558.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
Methylcyclohexane	Ave	3.209	3.175	0.1000	49.5	50.0	-1.1	20.0
1,2-Dichloropropane	Ave	1.605	1.546	0.1000	48.1	50.0	-3.7	20.0
1,4-Dioxane	Lin1		0.0083		1060	1000	5.6	20.0
Dibromomethane	Ave	0.9639	0.999	0.1000	51.8	50.0	3.6	20.0
Bromodichloromethane	Ave	2.065	2.155	0.2000	52.2	50.0	4.3	20.0
2-Chloroethyl vinyl ether	Ave	0.998	1.026		51.4	50.0	2.9	20.0
cis-1,3-Dichloropropene	Ave	2.472	2.607	0.2000	52.7	50.0	5.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7012	0.6826	0.1000	243	250	-2.6	20.0
Toluene	Ave	1.956	1.838	0.4000	47.0	50.0	-6.0	20.0
Ethyl methacrylate	Ave	0.8537	0.8540		50.0	50.0	0.0	20.0
trans-1,3-Dichloropropene	Ave	0.9144	0.9221	0.1000	50.4	50.0	0.8	20.0
1,1,2-Trichloroethane	Ave	0.5183	0.4865	0.1000	46.9	50.0	-6.1	20.0
Tetrachloroethene	Ave	0.9105	0.8038	0.2000	48.5	50.0	-2.9	20.0
1,3-Dichloropropane	Ave	1.060	0.9753		46.0	50.0	-8.0	20.0
2-Hexanone	Ave	0.4988	0.4747	0.1000	238	250	-4.8	20.0
Dibromochloromethane	Ave	0.6720	0.7143	0.1000	52.7	50.0	5.4	20.0
1,2-Dibromoethane	Ave	0.6012	0.6491		49.1	50.0	-1.8	20.0
Chlorobenzene	Ave	2.149	2.036	0.5000	47.4	50.0	-5.3	20.0
Ethylbenzene	Ave	3.533	3.416	0.1000	48.3	50.0	-3.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.7085	0.7162		50.5	50.0	1.1	20.0
m,p-Xylene	Ave	1.423	1.412	0.1000	49.3	50.0	-1.5	20.0
o-Xylene	Ave	1.343	1.321	0.3000	49.0	50.0	-2.0	20.0
Styrene	Ave	2.265	2.270	0.3000	50.1	50.0	0.2	20.0
Bromoform	Ave	0.4474	0.4991	0.1000	55.8	50.0	11.6	20.0
Isopropylbenzene	Ave	3.294	3.326	0.1000	50.5	50.0	1.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7336	0.7464	0.3000	50.9	50.0	1.7	20.0
Bromobenzene	Ave	0.8758	0.8861		50.6	50.0	1.2	20.0
N-Propylbenzene	Ave	3.731	3.720		49.8	50.0	-0.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2279	0.2331		51.1	50.0	2.3	20.0
1,2,3-Trichloropropane	Ave	0.2466	0.2521		51.1	50.0	2.2	20.0
2-Chlorotoluene	Ave	0.7983	0.8077		50.6	50.0	1.2	20.0
1,3,5-Trimethylbenzene	Ave	2.748	2.776		50.5	50.0	1.0	20.0
4-Chlorotoluene	Ave	0.8403	0.8225		48.9	50.0	-2.1	20.0
tert-Butylbenzene	Ave	0.6193	0.5980		48.3	50.0	-3.4	20.0
1,2,4-Trimethylbenzene	Ave	2.800	2.830		50.5	50.0	1.1	20.0
sec-Butylbenzene	Ave	3.591	3.456		48.1	50.0	-3.8	20.0
4-Isopropyltoluene	Ave	3.143	3.044		48.4	50.0	-3.2	20.0
1,3-Dichlorobenzene	Ave	1.683	1.619	0.6000	48.1	50.0	-3.8	20.0
1,4-Dichlorobenzene	Ave	1.687	1.661	0.5000	49.2	50.0	-1.6	20.0
n-Butylbenzene	Ave	2.689	2.609		48.5	50.0	-3.0	20.0
1,2-Dichlorobenzene	Ave	1.553	1.569	0.4000	50.5	50.0	1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-190420/3 Calibration Date: 06/28/2014 10:11

Instrument ID: HP5973F Calib Start Date: 06/23/2014 00:33

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/23/2014 03:08

Lab File ID: F9558.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1320	0.1293	0.0500	49.0	50.0	-2.1	20.0
1,2,4-Trichlorobenzene	Ave	1.095	1.136	0.2000	51.9	50.0	3.8	20.0
Hexachlorobutadiene	Ave	0.6738	0.6899		51.2	50.0	2.4	20.0
Naphthalene	Ave	2.553	2.753		53.9	50.0	7.8	20.0
1,2,3-Trichlorobenzene	Ave	1.020	1.065		52.2	50.0	4.4	20.0
Dibromofluoromethane (Surr)	Ave	1.319	1.343		50.9	50.0	1.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.7486	0.7526		50.3	50.0	0.5	20.0
Toluene-d8 (Surr)	Ave	2.212	2.242		50.7	50.0	1.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7427	0.7859		52.9	50.0	5.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191487/3 Calibration Date: 07/07/2014 21:54

Instrument ID: HP5973F Calib Start Date: 07/02/2014 17:44

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/02/2014 20:18

Lab File ID: F9726.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	1.801	1.854	0.1000	51.5	50.0	3.0	20.0
Chloromethane	Ave	1.442	1.520	0.1000	52.7	50.0	5.4	20.0
Vinyl chloride	Ave	1.388	1.575	0.1000	56.7	50.0	13.4	20.0
Butadiene	Ave	1.249	1.399		56.0	50.0	12.0	20.0
Bromomethane	Ave	0.7889	0.8116	0.1000	51.4	50.0	2.9	20.0
Chloroethane	Ave	0.7036	0.7347	0.1000	52.2	50.0	4.4	20.0
Dichlorofluoromethane	Ave	1.903	2.057		54.0	50.0	8.1	20.0
Trichlorofluoromethane	Ave	1.668	1.965	0.1000	58.9	50.0	17.8	20.0
Ethyl ether	Ave	1.143	1.083		47.4	50.0	-5.2	20.0
Acrolein	Ave	0.1829	0.1819		249	250	-0.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.356	1.539	0.1000	56.7	50.0	13.5	20.0
1,1-Dichloroethene	Ave	1.303	1.380	0.1000	53.0	50.0	5.9	20.0
Acetone	Ave	0.4885	0.4900	0.1000	251	250	0.3	20.0
Iodomethane	Ave	2.383	2.553		53.6	50.0	7.1	20.0
Carbon disulfide	Ave	4.933	5.359	0.1000	54.3	50.0	8.6	20.0
Allyl chloride	Ave	2.365	2.350		49.7	50.0	-0.6	20.0
Methyl acetate	Ave	1.179	1.177	0.1000	250	250	-0.2	20.0
Methylene Chloride	Lin1		1.511	0.1000	49.6	50.0	-0.8	20.0
2-Methyl-2-propanol	Ave	0.1175	0.1582		673	500	34.6*	20.0
Methyl tert-butyl ether	Ave	4.014	4.299	0.1000	53.5	50.0	7.1	20.0
trans-1,2-Dichloroethane	Ave	1.389	1.481	0.1000	53.3	50.0	6.6	20.0
Acrylonitrile	Ave	0.5188	0.5110		492	500	-1.5	20.0
Hexane	Ave	2.446	2.310		47.2	50.0	-5.6	20.0
Vinyl acetate	Ave	2.145	2.292		107	100	6.8	20.0
1,1-Dichloroethane	Ave	2.534	2.569	0.2000	50.7	50.0	1.4	20.0
2,2-Dichloropropane	Ave	1.796	2.221		61.8	50.0	23.7*	20.0
2-Butanone (MEK)	Ave	0.7307	0.7383	0.1000	253	250	1.0	20.0
cis-1,2-Dichloroethene	Ave	1.487	1.551	0.1000	52.2	50.0	4.3	20.0
Chlorobromomethane	Ave	0.7448	0.7903		53.1	50.0	6.1	20.0
Tetrahydrofuran	Ave	0.4867	0.4875		100	100	0.2	20.0
Chloroform	Ave	2.396	2.491	0.2000	52.0	50.0	3.9	20.0
1,1,1-Trichloroethane	Ave	1.862	2.233	0.1000	60.0	50.0	20.0	20.0
Cyclohexane	Ave	2.262	2.386	0.1000	52.7	50.0	5.5	20.0
1,1-Dichloropropene	Ave	1.805	1.968		54.5	50.0	9.0	20.0
Carbon tetrachloride	Ave	1.622	2.103	0.1000	64.8	50.0	29.6*	20.0
Isobutyl alcohol	Lin1		0.0722		1350	1250	8.3	20.0
Benzene	Ave	5.478	5.611	0.5000	51.2	50.0	2.4	20.0
1,2-Dichloroethane	Ave	1.947	1.909	0.1000	49.0	50.0	-2.0	20.0
n-Heptane	Ave	2.282	2.444		53.6	50.0	7.1	20.0
Trichloroethene	Ave	1.366	1.468	0.2000	53.7	50.0	7.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191487/3 Calibration Date: 07/07/2014 21:54

Instrument ID: HP5973F Calib Start Date: 07/02/2014 17:44

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/02/2014 20:18

Lab File ID: F9726.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.1562	0.0500	52.4	50.0	4.8	20.0
1,2,4-Trichlorobenzene	Ave	1.017	1.079	0.2000	53.1	50.0	6.2	20.0
Hexachlorobutadiene	Ave	0.5882	0.6502		55.3	50.0	10.5	20.0
Naphthalene	Ave	2.509	2.661		53.0	50.0	6.0	20.0
1,2,3-Trichlorobenzene	Ave	0.9520	0.9928		52.1	50.0	4.3	20.0
Dibromofluoromethane (Surr)	Ave	1.057	1.105		52.3	50.0	4.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.6729	0.6599		49.0	50.0	-1.9	20.0
Toluene-d8 (Surr)	Ave	2.068	2.040		49.3	50.0	-1.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6878	0.6915		50.3	50.0	0.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191487/3 Calibration Date: 07/07/2014 21:54

Instrument ID: HP5973F Calib Start Date: 07/02/2014 17:44

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/02/2014 20:18

Lab File ID: F9726.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
Methylcyclohexane	Ave	2.380	2.672	0.1000	56.1	50.0	12.3	20.0
1,2-Dichloropropane	Ave	1.349	1.325	0.1000	49.1	50.0	-1.8	20.0
1,4-Dioxane	Ave	0.0077	0.0087		1130	1000	13.1	20.0
Dibromomethane	Ave	0.8240	0.8420	0.1000	51.1	50.0	2.2	20.0
Bromodichloromethane	Ave	1.556	1.771	0.2000	56.9	50.0	13.8	20.0
2-Chloroethyl vinyl ether	Ave	0.8754	0.8742		49.9	50.0	-0.1	20.0
cis-1,3-Dichloropropene	Ave	2.034	2.216	0.2000	54.5	50.0	8.9	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7031	0.7332	0.1000	261	250	4.3	20.0
Toluene	Ave	1.681	1.804	0.4000	53.7	50.0	7.4	20.0
Ethyl methacrylate	Ave	0.8381	0.9252		55.2	50.0	10.4	20.0
trans-1,3-Dichloropropene	Ave	0.8748	0.9687	0.1000	55.4	50.0	10.7	20.0
1,1,2-Trichloroethane	Ave	0.4746	0.4814	0.1000	50.7	50.0	1.4	20.0
Tetrachloroethene	Ave	0.7426	0.8470	0.2000	57.0	50.0	14.0	20.0
1,3-Dichloropropane	Ave	1.030	1.043		50.6	50.0	1.2	20.0
2-Hexanone	Ave	0.5009	0.5346	0.1000	267	250	6.7	20.0
Dibromochloromethane	Lin1		0.6725	0.1000	54.0	50.0	8.1	20.0
1,2-Dibromoethane	Ave	0.5946	0.6254		52.6	50.0	5.2	20.0
Chlorobenzene	Ave	1.864	1.979	0.5000	53.1	50.0	6.2	20.0
Ethylbenzene	Ave	3.116	3.391	0.1000	54.4	50.0	8.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5743	0.6959		60.6	50.0	21.2*	20.0
m,p-Xylene	Ave	1.250	1.375	0.1000	55.0	50.0	10.0	20.0
o-Xylene	Ave	1.208	1.302	0.3000	53.9	50.0	7.7	20.0
Styrene	Ave	2.069	2.212	0.3000	53.5	50.0	6.9	20.0
Bromoform	Lin		0.4329	0.1000	55.0	50.0	10.1	20.0
Isopropylbenzene	Ave	3.146	3.424	0.1000	54.4	50.0	8.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7659	0.7762	0.3000	50.7	50.0	1.3	20.0
Bromobenzene	Ave	0.8401	0.8698		51.8	50.0	3.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2384	0.2526		53.0	50.0	6.0	20.0
N-Propylbenzene	Ave	3.717	3.993		53.7	50.0	7.4	20.0
1,2,3-Trichloropropane	Ave	0.2570	0.2632		51.2	50.0	2.4	20.0
2-Chlorotoluene	Ave	0.7952	0.8311		52.3	50.0	4.5	20.0
1,3,5-Trimethylbenzene	Ave	2.650	2.858		53.9	50.0	7.8	20.0
4-Chlorotoluene	Ave	0.8155	0.8631		52.9	50.0	5.8	20.0
tert-Butylbenzene	Ave	0.5908	0.6525		55.2	50.0	10.4	20.0
1,2,4-Trimethylbenzene	Ave	2.733	2.898		53.0	50.0	6.0	20.0
sec-Butylbenzene	Ave	3.350	3.678		54.9	50.0	9.8	20.0
4-Isopropyltoluene	Ave	2.958	3.268		55.2	50.0	10.5	20.0
1,3-Dichlorobenzene	Ave	1.553	1.638	0.6000	52.7	50.0	5.5	20.0
1,4-Dichlorobenzene	Ave	1.565	1.655	0.5000	52.9	50.0	5.8	20.0
n-Butylbenzene	Ave	2.612	2.861		54.8	50.0	9.6	20.0
1,2-Dichlorobenzene	Ave	1.481	1.526	0.4000	51.5	50.0	3.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191393/3 Calibration Date: 07/07/2014 10:38

Instrument ID: HP5973S Calib Start Date: 06/27/2014 19:46

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 22:01

Lab File ID: S39966.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	1.434	1.341	0.1000	23.4	25.0	-6.5	20.0
Chloromethane	Ave	1.802	1.671	0.1000	23.2	25.0	-7.3	20.0
Vinyl chloride	Ave	1.712	1.594	0.1000	23.3	25.0	-6.9	20.0
Bromomethane	Ave	0.6689	0.5204	0.1000	19.4	25.0	-22.2*	20.0
Chloroethane	Ave	0.9731	0.8508	0.1000	21.9	25.0	-12.6	20.0
Trichlorofluoromethane	Ave	1.806	1.608	0.1000	22.3	25.0	-11.0	20.0
Dichlorofluoromethane	Ave	2.164	2.021		23.3	25.0	-6.6	20.0
Ethyl ether	Ave	1.316	1.174		22.3	25.0	-10.8	20.0
Acrolein	Ave	0.2243	0.2277		127	125	1.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.179	1.097	0.1000	23.3	25.0	-7.0	20.0
1,1-Dichloroethene	Ave	1.525	1.371	0.1000	22.5	25.0	-10.1	20.0
Acetone	Ave	0.6009	0.6150	0.1000	128	125	2.3	20.0
Iodomethane	Ave	1.516	1.575		25.9	25.0	3.8	20.0
Carbon disulfide	Ave	3.973	4.038	0.1000	25.4	25.0	1.6	20.0
Allyl chloride	Ave	1.587	1.300		20.5	25.0	-18.1	20.0
Methyl acetate	Ave	1.505	1.452	0.1000	121	125	-3.5	20.0
Methylene Chloride	Lin1		1.433	0.1000	22.2	25.0	-11.2	20.0
2-Methyl-2-propanol	Ave	0.2147	0.1647		192	250	-23.3*	20.0
Methyl tert-butyl ether	Ave	4.468	3.961	0.1000	22.2	25.0	-11.3	20.0
trans-1,2-Dichloroethene	Ave	1.413	1.246	0.1000	22.0	25.0	-11.8	20.0
Acrylonitrile	Ave	0.7067	0.6856		243	250	-3.0	20.0
Hexane	Ave	1.362	1.475		19.8	25.0	-20.8*	20.0
1,1-Dichloroethane	Ave	2.201	2.109	0.2000	23.9	25.0	-4.2	20.0
Vinyl acetate	Ave	2.781	2.317		41.7	50.0	-16.7	20.0
2,2-Dichloropropane	Ave	0.8006	0.5866		18.3	25.0	-26.7*	20.0
cis-1,2-Dichloroethene	Ave	1.490	1.282	0.1000	21.5	25.0	-13.9	20.0
2-Butanone (MEK)	Ave	0.9733	0.8540	0.1000	123	125	-2.0	20.0
Chlorobromomethane	Ave	0.7149	0.6302		22.0	25.0	-11.9	20.0
Tetrahydrofuran	Ave	0.6494	0.6172		47.5	50.0	-5.0	20.0
Chloroform	Ave	2.432	2.078	0.2000	21.4	25.0	-14.6	20.0
1,1,1-Trichloroethane	Ave	1.254	1.094	0.1000	20.2	25.0	-19.2	20.0
Cyclohexane	Ave	2.382	1.990	0.1000	20.9	25.0	-16.5	20.0
Carbon tetrachloride	Ave	1.304	0.9431	0.1000	18.1	25.0	-27.7*	20.0
1,1-Dichloropropene	Ave	1.822	1.599		21.9	25.0	-12.2	20.0
Benzene	Ave	5.943	5.200	0.5000	21.9	25.0	-12.5	20.0
Isobutyl alcohol	Ave	0.0976	0.0707		453	625	-27.6*	20.0
1,2-Dichloroethane	Ave	2.119	1.920	0.1000	22.6	25.0	-9.4	20.0
n-Heptane	Ave	2.164	1.767		20.4	25.0	-18.3	20.0
Trichloroethene	Ave	1.412	1.241	0.2000	22.0	25.0	-12.1	20.0
Methylcyclohexane	Ave	2.180	1.806	0.1000	20.7	25.0	-17.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191393/3 Calibration Date: 07/07/2014 10:38

Instrument ID: HP5973S Calib Start Date: 06/27/2014 19:46

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 22:01

Lab File ID: S39966.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	1.463	1.316	0.1000	22.4	25.0	-10.3	20.0
Dibromomethane	Ave	0.8659	0.7866	0.1000	22.7	25.0	-9.2	20.0
1,4-Dioxane	Lin1		0.0106		559	500	11.9	20.0
Bromodichloromethane	Ave	1.635	1.414	0.2000	21.6	25.0	-13.5	20.0
2-Chloroethyl vinyl ether	Ave	1.074	1.010		23.5	25.0	-6.0	20.0
cis-1,3-Dichloropropene	Ave	2.106	1.836	0.2000	21.8	25.0	-12.8	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.9675	0.9542	0.1000	123	125	-1.4	20.0
Toluene	Ave	1.843	1.581	0.4000	21.4	25.0	-14.2	20.0
trans-1,3-Dichloropropene	Ave	0.9019	0.7459	0.1000	20.7	25.0	-17.3	20.0
Ethyl methacrylate	Ave	1.082	0.9671		22.3	25.0	-10.6	20.0
1,1,2-Trichloroethane	Ave	0.5701	0.5151	0.1000	22.6	25.0	-9.6	20.0
Tetrachloroethene	Ave	0.7638	0.6784	0.2000	22.2	25.0	-11.2	20.0
1,3-Dichloropropane	Ave	1.253	1.136		22.7	25.0	-9.3	20.0
2-Hexanone	Ave	0.7137	0.7109	0.1000	125	125	-0.4	20.0
Dibromochloromethane	Ave	0.5525	0.4646	0.1000	21.0	25.0	-15.9	20.0
1,2-Dibromoethane	Ave	0.6779	0.6169		22.7	25.0	-9.0	20.0
Chlorobenzene	Ave	2.071	1.814	0.5000	21.9	25.0	-12.4	20.0
Ethylbenzene	Ave	3.547	3.124	0.1000	22.0	25.0	-11.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5928	0.4914		20.7	25.0	-17.1	20.0
m,p-Xylene	Ave	1.370	1.210	0.1000	22.1	25.0	-11.7	20.0
o-Xylene	Ave	1.338	1.169	0.3000	21.8	25.0	-12.7	20.0
Styrene	Ave	2.290	2.096	0.3000	22.9	25.0	-8.5	20.0
Bromoform	Lin		0.2922	0.1000	18.1	25.0	-27.6*	20.0
Isopropylbenzene	Ave	3.869	3.304	0.1000	21.3	25.0	-14.6	20.0
Bromobenzene	Ave	0.9879	0.8472		21.4	25.0	-14.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.082	0.9621	0.3000	22.2	25.0	-11.0	20.0
N-Propylbenzene	Ave	4.563	3.942		21.6	25.0	-13.6	20.0
1,2,3-Trichloropropane	Ave	0.3597	0.3258		22.6	25.0	-9.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3241	0.2905		22.4	25.0	-10.4	20.0
2-Chlorotoluene	Ave	0.9009	0.7635		21.2	25.0	-15.2	20.0
1,3,5-Trimethylbenzene	Ave	3.251	2.803		21.6	25.0	-13.8	20.0
4-Chlorotoluene	Ave	0.9348	0.7940		21.2	25.0	-15.1	20.0
tert-Butylbenzene	Ave	0.7217	0.6204		21.5	25.0	-14.0	20.0
1,2,4-Trimethylbenzene	Ave	3.351	2.913		21.7	25.0	-13.1	20.0
sec-Butylbenzene	Ave	4.085	3.527		21.6	25.0	-13.7	20.0
1,3-Dichlorobenzene	Ave	1.853	1.615	0.6000	21.8	25.0	-12.8	20.0
4-Isopropyltoluene	Ave	3.439	3.051		22.2	25.0	-11.3	20.0
1,4-Dichlorobenzene	Ave	1.894	1.639	0.5000	21.6	25.0	-13.4	20.0
n-Butylbenzene	Ave	3.087	2.786		22.6	25.0	-9.7	20.0
1,2-Dichlorobenzene	Ave	1.815	1.570	0.4000	21.6	25.0	-13.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1753	0.1532	0.0500	21.8	25.0	-12.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-191393/3 Calibration Date: 07/07/2014 10:38

Instrument ID: HP5973S Calib Start Date: 06/27/2014 19:46

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 22:01

Lab File ID: S39966.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.147	1.072	0.2000	23.4	25.0	-6.5	20.0
Hexachlorobutadiene	Ave	0.5593	0.5414		24.2	25.0	-3.2	20.0
Naphthalene	Ave	3.017	2.939		24.4	25.0	-2.6	20.0
1,2,3-Trichlorobenzene	Ave	1.056	0.9940		23.5	25.0	-5.9	20.0
Dibromofluoromethane (Surr)	Ave	1.096	1.011		23.0	25.0	-7.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8152	0.7719		23.7	25.0	-5.3	20.0
Toluene-d8 (Surr)	Ave	2.390	2.194		22.9	25.0	-8.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7696	0.7278		23.6	25.0	-5.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192459/2 Calibration Date: 07/11/2014 22:29

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3207.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	0.2835	0.2511	0.1000	22.1	25.0	-11.5	20.0
Chloromethane	Ave	0.3892	0.3956	0.1000	25.4	25.0	1.7	20.0
Vinyl chloride	Ave	0.3343	0.2969	0.1000	22.2	25.0	-11.2	20.0
Butadiene	Ave	0.3376	0.3461		25.6	25.0	2.5	20.0
Bromomethane	Ave	0.1303	0.1584	0.1000	30.4	25.0	21.6*	20.0
Chloroethane	Ave	0.1713	0.2134	0.1000	31.2	25.0	24.6*	20.0
Trichlorofluoromethane	Ave	0.3632	0.3681	0.1000	25.3	25.0	1.3	20.0
Dichlorofluoromethane	Ave	0.3531	0.3749		26.5	25.0	6.2	20.0
Ethyl ether	Ave	0.2840	0.2794		24.6	25.0	-1.6	20.0
Acrolein	Ave	0.0486	0.0465		120	125	-4.2	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2531	0.2455	0.1000	24.2	25.0	-3.0	20.0
1,1-Dichloroethene	Ave	0.2298	0.2053	0.1000	22.3	25.0	-10.6	20.0
Acetone	Ave	0.1329	0.1496	0.1000	141	125	12.6	20.0
Iodomethane	Ave	0.4335	0.4416		25.5	25.0	1.9	20.0
Carbon disulfide	Ave	0.8903	0.8939	0.1000	25.1	25.0	0.4	20.0
Allyl chloride	Ave	0.5564	0.6003		27.0	25.0	7.9	20.0
Methyl acetate	Ave	0.3082	0.3457	0.1000	140	125	12.2	20.0
Methylene Chloride	Lin1		0.2901	0.1000	25.8	25.0	3.1	20.0
2-Methyl-2-propanol	Ave	0.0429	0.0387		225	250	-9.9	20.0
Methyl tert-butyl ether	Ave	0.8612	0.8588	0.1000	24.9	25.0	-0.3	20.0
trans-1,2-Dichloroethene	Ave	0.2895	0.2827	0.1000	24.4	25.0	-2.4	20.0
Acrylonitrile	Ave	0.1410	0.1548		275	250	9.8	20.0
Hexane	Ave	0.5308	0.5735		27.0	25.0	8.0	20.0
1,1-Dichloroethane	Ave	0.5648	0.5813	0.2000	25.7	25.0	2.9	20.0
Vinyl acetate	Ave	0.6063	0.6350		52.4	50.0	4.7	20.0
2,2-Dichloropropane	Ave	0.3190	0.2031		23.8	25.0	-5.0	20.0
cis-1,2-Dichloroethene	Ave	0.3049	0.2921	0.1000	24.0	25.0	-4.2	20.0
2-Butanone (MEK)	Ave	0.1954	0.2296	0.1000	147	125	17.5	20.0
Chlorobromomethane	Ave	0.1541	0.1548		25.1	25.0	0.5	20.0
Tetrahydrofuran	Ave	0.1338	0.1538		57.5	50.0	14.9	20.0
Chloroform	Ave	0.4971	0.4967	0.2000	25.0	25.0	-0.0	20.0
1,1,1-Trichloroethane	Ave	0.3910	0.3828	0.1000	24.5	25.0	-2.1	20.0
Cyclohexane	Ave	0.6006	0.6765	0.1000	28.2	25.0	12.6	20.0
Carbon tetrachloride	Ave	0.3181	0.2908	0.1000	22.9	25.0	-8.6	20.0
1,1-Dichloropropene	Ave	0.3662	0.3776		25.8	25.0	3.1	20.0
Benzene	Ave	1.111	1.088	0.5000	24.5	25.0	-2.1	20.0
1,2-Dichloroethane	Ave	0.4427	0.4705	0.1000	26.6	25.0	6.3	20.0
Isobutyl alcohol	Ave	0.0180	0.0155		537	625	-14.0	20.0
n-Heptane	Ave	0.6105	0.6990		28.6	25.0	14.5	20.0
Trichloroethene	Ave	0.2820	0.2803	0.2000	24.8	25.0	-0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192459/2 Calibration Date: 07/11/2014 22:29

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3207.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
Methylcyclohexane	Ave	0.4892	0.4866	0.1000	24.9	25.0	-0.5	20.0
1,2-Dichloropropane	Ave	0.3118	0.3150	0.1000	25.3	25.0	1.0	20.0
Dibromomethane	Ave	0.1857	0.1827	0.1000	24.6	25.0	-1.6	20.0
1,4-Dioxane	Ave	0.0047	0.0049		519	500	3.7	20.0
Bromodichloromethane	Ave	0.3176	0.3261	0.2000	25.7	25.0	2.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1968	0.2076		26.4	25.0	5.5	20.0
cis-1,3-Dichloropropene	Ave	0.4296	0.3968	0.2000	23.1	25.0	-7.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5827	0.6699	0.1000	144	125	15.0	20.0
Toluene	Ave	0.9248	0.9057	0.4000	24.5	25.0	-2.1	20.0
trans-1,3-Dichloropropene	Ave	0.4652	0.4464	0.1000	24.0	25.0	-4.1	20.0
Ethyl methacrylate	Ave	0.4920	0.4403		22.4	25.0	-10.5	20.0
1,1,2-Trichloroethane	Ave	0.2824	0.2832	0.1000	25.1	25.0	0.3	20.0
Tetrachloroethene	Ave	0.3817	0.3829	0.2000	25.1	25.0	0.3	20.0
1,3-Dichloropropane	Ave	0.6033	0.5868		24.3	25.0	-2.7	20.0
2-Hexanone	Ave	0.4118	0.4903	0.1000	149	125	19.1	20.0
Dibromochloromethane	Ave	0.2877	0.2778	0.1000	24.1	25.0	-3.5	20.0
1,2-Dibromoethane	Ave	0.3455	0.3236		23.4	25.0	-6.3	20.0
Chlorobenzene	Ave	1.022	1.026	0.5000	25.1	25.0	0.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3001	0.2866		23.9	25.0	-4.5	20.0
Ethylbenzene	Ave	1.775	1.780	0.1000	25.1	25.0	0.2	20.0
m,p-Xylene	Ave	0.6957	0.6971	0.1000	25.0	25.0	0.2	20.0
o-Xylene	Ave	0.6738	0.6688	0.3000	24.8	25.0	-0.7	20.0
Styrene	Ave	1.173	1.168	0.3000	24.9	25.0	-0.4	20.0
Bromoform	Ave	0.1571	0.1490	0.1000	23.7	25.0	-5.2	20.0
Isopropylbenzene	Ave	3.444	3.373	0.1000	24.5	25.0	-2.1	20.0
Bromobenzene	Ave	0.8233	0.8037		24.4	25.0	-2.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8891	0.8692	0.3000	24.4	25.0	-2.2	20.0
N-Propylbenzene	Ave	4.160	4.069		24.5	25.0	-2.2	20.0
1,2,3-Trichloropropane	Ave	0.2838	0.2713		23.9	25.0	-4.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2851	0.2774		24.3	25.0	-2.7	20.0
2-Chlorotoluene	Ave	0.8082	0.7777		24.1	25.0	-3.8	20.0
1,3,5-Trimethylbenzene	Ave	2.893	2.816		24.3	25.0	-2.7	20.0
4-Chlorotoluene	Ave	2.774	2.713		24.4	25.0	-2.2	20.0
tert-Butylbenzene	Ave	0.6380	0.6081		23.8	25.0	-4.7	20.0
1,2,4-Trimethylbenzene	Ave	2.979	2.971		24.9	25.0	-0.3	20.0
sec-Butylbenzene	Ave	3.757	3.783		25.2	25.0	0.7	20.0
1,3-Dichlorobenzene	Ave	1.653	1.593	0.6000	24.1	25.0	-3.6	20.0
4-Isopropyltoluene	Ave	3.183	3.269		25.7	25.0	2.7	20.0
1,4-Dichlorobenzene	Ave	1.677	1.643	0.5000	24.5	25.0	-2.0	20.0
n-Butylbenzene	Ave	2.956	3.044		25.7	25.0	3.0	20.0
1,2-Dichlorobenzene	Ave	1.573	1.582	0.4000	25.2	25.0	0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192459/2 Calibration Date: 07/11/2014 22:29

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3207.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1255	0.1106	0.0500	22.0	25.0	-11.9	20.0
1,2,4-Trichlorobenzene	Ave	0.9927	0.9921	0.2000	25.0	25.0	-0.0	20.0
Hexachlorobutadiene	Ave	0.4634	0.4563		24.6	25.0	-1.6	20.0
Naphthalene	Ave	2.679	2.555		23.8	25.0	-4.6	20.0
1,2,3-Trichlorobenzene	Ave	0.9171	0.9012		24.6	25.0	-1.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2530	0.2646		26.2	25.0	4.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3184	0.3508		27.5	25.0	10.2	20.0
Toluene-d8 (Surr)	Ave	1.262	1.288		25.5	25.0	2.1	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3719	0.3715		25.0	25.0	-0.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192725/5 Calibration Date: 07/14/2014 18:13

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3254.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	0.2835	0.1766	0.1000	15.6	25.0	-37.7*	20.0
Chloromethane	Ave	0.3892	0.3632	0.1000	23.3	25.0	-6.7	20.0
Vinyl chloride	Ave	0.3343	0.2772	0.1000	20.7	25.0	-17.1	20.0
Butadiene	Ave	0.3376	0.2908		21.5	25.0	-13.9	20.0
Bromomethane	Ave	0.1303	0.1459	0.1000	28.0	25.0	11.9	20.0
Chloroethane	Ave	0.1713	0.1988	0.1000	29.0	25.0	16.0	20.0
Trichlorofluoromethane	Ave	0.3632	0.3362	0.1000	23.1	25.0	-7.4	20.0
Dichlorofluoromethane	Ave	0.3531	0.3567		25.3	25.0	1.0	20.0
Ethyl ether	Ave	0.2840	0.2512		22.1	25.0	-11.5	20.0
Acrolein	Ave	0.0486	0.0430		110	125	-11.6	20.0
1,1-Dichloroethene	Ave	0.2298	0.1980	0.1000	21.5	25.0	-13.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2531	0.2191	0.1000	21.6	25.0	-13.4	20.0
Acetone	Ave	0.1329	0.1426	0.1000	134	125	7.3	20.0
Iodomethane	Ave	0.4335	0.4396		25.3	25.0	1.4	20.0
Carbon disulfide	Ave	0.8903	0.8525	0.1000	23.9	25.0	-4.2	20.0
Allyl chloride	Ave	0.5564	0.5407		24.3	25.0	-2.8	20.0
Methyl acetate	Ave	0.3082	0.3032	0.1000	123	125	-1.6	20.0
Methylene Chloride	Lin1		0.2300	0.1000	24.8	25.0	-0.7	20.0
2-Methyl-2-propanol	Ave	0.0429	0.0245		142	250	NA -43.0*	20.0
Methyl tert-butyl ether	Ave	0.8012	0.7977	0.1000	23.2	25.0	-7.4	20.0
trans-1,2-Dichloroethene	Ave	0.2895	0.2724	0.1000	23.5	25.0	-5.9	20.0
Acrylonitrile	Ave	0.1410	0.1465		260	250	3.9	20.0
Hexane	Ave	0.5308	0.4960		23.4	25.0	-6.6	20.0
1,1-Dichloroethane	Ave	0.5648	0.5742	0.2000	25.4	25.0	1.7	20.0
Vinyl acetate	Ave	0.6063	0.4799		39.6	50.0	NA -20.9*	20.0
2,2-Dichloropropane	Ave	0.3190	0.2266		17.8	25.0	-29.0*	20.0
cis-1,2-Dichloroethene	Ave	0.3049	0.2980	0.1000	24.4	25.0	-2.2	20.0
2-Butanone (MEK)	Ave	0.1954	0.2155	0.1000	133	125	10.3	20.0
Chlorobromomethane	Ave	0.1541	0.1467		23.8	25.0	-4.8	20.0
Tetrahydrofuran	Ave	0.1338	0.1388		51.9	50.0	3.7	20.0
Chloroform	Ave	0.4971	0.4891	0.2000	24.6	25.0	-1.6	20.0
1,1,1-Trichloroethane	Ave	0.3910	0.3277	0.1000	21.0	25.0	-16.2	20.0
Cyclohexane	Ave	0.6006	0.6110	0.1000	25.4	25.0	1.7	20.0
Carbon tetrachloride	Ave	0.3181	0.2351	0.1000	18.5	25.0	-26.1*	20.0
1,1-Dichloropropene	Ave	0.3662	0.3605		24.6	25.0	-1.6	20.0
Benzene	Ave	1.111	1.067	0.5000	24.0	25.0	-3.9	20.0
1,2-Dichloroethane	Ave	0.4427	0.4556	0.1000	25.7	25.0	2.9	20.0
Isobutyl alcohol	Ave	0.0180	0.0110		380	625	NA -39.3*	20.0
n-Heptane	Ave	0.6105	0.5915		24.2	25.0	-3.1	20.0
Trichloroethene	Ave	0.2820	0.2780	0.2000	24.6	25.0	-1.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192725/5 Calibration Date: 07/14/2014 18:13

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3254.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
Methylcyclohexane	Ave	0.4892	0.4421	0.1000	22.6	25.0	-9.6	20.0
1,2-Dichloropropane	Ave	0.3118	0.3087	0.1000	24.8	25.0	-1.0	20.0
Dibromomethane	Ave	0.1857	0.1793	0.1000	24.1	25.0	-3.4	20.0
1,4-Dioxane	Ave	0.0047	0.0043		452	500	-9.7	20.0
Bromodichloromethane	Ave	0.3176	0.2977	0.2000	23.4	25.0	-6.3	20.0
2-Chloroethyl vinyl ether	Ave	0.1968	0.1905		24.2	25.0	-3.2	20.0
cis-1,3-Dichloropropene	Ave	0.4296	0.3388	0.2000	19.7	25.0	-21.1*	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5827	0.6250	0.1000	134	125	7.3	20.0
Toluene	Ave	0.9248	0.8609	0.1000	23.3	25.0	-6.9	20.0
trans-1,3-Dichloropropene	Ave	0.4652	0.3553	0.1000	19.1	25.0	-23.6*	20.0
Ethyl methacrylate	Ave	0.4920	0.3430		17.4	25.0	-30.3*	20.0
1,1,2-Trichloroethane	Ave	0.2824	0.2642	0.1000	23.4	25.0	-6.5	20.0
Tetrachloroethene	Ave	0.3817	0.3660	0.2000	24.0	25.0	-4.1	20.0
1,3-Dichloropropane	Ave	0.6033	0.5559		23.0	25.0	-7.9	20.0
2-Hexanone	Ave	0.4118	0.4591	0.1000	139	125	11.5	20.0
Dibromochloromethane	Ave	0.2877	0.2427	0.1000	21.1	25.0	-15.7	20.0
1,2-Dibromoethane	Ave	0.3455	0.2623		19.0	25.0	-24.1*	20.0
Chlorobenzene	Ave	1.022	0.9705	0.5000	23.7	25.0	-5.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3001	0.2345		19.5	25.0	-21.8*	20.0
Ethylbenzene	Ave	1.775	1.699	0.1000	23.9	25.0	-4.3	20.0
m,p-Xylene	Ave	0.6957	0.6639	0.1000	23.9	25.0	-4.6	20.0
o-Xylene	Ave	0.6739	0.6463	0.3000	24.0	25.0	-4.1	20.0
Styrene	Ave	1.173	1.124	0.3000	23.9	25.0	-4.2	20.0
Bromoform	Ave	0.1571	0.1282	0.1000	20.4	25.0	-18.4	20.0
Isopropylbenzene	Ave	3.444	3.259	0.1000	23.7	25.0	-5.4	20.0
Bromobenzene	Ave	0.8233	0.7639		23.2	25.0	-7.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8891	0.8058	0.3000	22.7	25.0	-9.4	20.0
N-Propylbenzene	Ave	4.160	3.896		23.4	25.0	-6.4	20.0
1,2,3-Trichloropropane	Ave	0.2338	0.2548		22.4	25.0	-10.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2351	0.2804		24.6	25.0	-1.6	20.0
2-Chlorotoluene	Ave	0.8082	0.7467		23.1	25.0	-7.6	20.0
1,3,5-Trimethylbenzene	Ave	2.895	2.683		23.2	25.0	-7.2	20.0
4-Chlorotoluene	Ave	2.774	2.634		23.7	25.0	-5.0	20.0
tert-Butylbenzene	Ave	0.6380	0.6115		24.0	25.0	-4.2	20.0
1,2,4-Trimethylbenzene	Ave	2.979	2.879		24.2	25.0	-3.3	20.0
sec-Butylbenzene	Ave	3.757	3.630		24.2	25.0	-3.4	20.0
1,3-Dichlorobenzene	Ave	1.653	1.541	0.6000	23.3	25.0	-6.7	20.0
4-Isopropyltoluene	Ave	3.183	3.137		24.6	25.0	-1.4	20.0
1,4-Dichlorobenzene	Ave	1.677	1.597	0.5000	23.8	25.0	-4.8	20.0
n-Butylbenzene	Ave	2.956	2.932		24.8	25.0	-0.8	20.0
1,2-Dichlorobenzene	Ave	1.573	1.518	0.4000	24.1	25.0	-3.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Lab Sample ID: CCVIS 480-192725/5 Calibration Date: 07/14/2014 18:13

Instrument ID: HP5975T Calib Start Date: 06/27/2014 14:16

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/27/2014 16:39

Lab File ID: T3254.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1255	0.0899	0.0500	17.9	25.0	-28.3*	20.0
1,2,4-Trichlorobenzene	Ave	0.9927	0.9703	0.2000	24.4	25.0	-2.3	20.0
Hexachlorobutadiene	Ave	0.4634	0.4541		24.5	25.0	-2.0	20.0
Naphthalene	Ave	2.679	2.486		23.2	25.0	-7.2	20.0
1,2,3-Trichlorobenzene	Ave	0.9171	0.8844		24.1	25.0	-3.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2530	0.2640		26.1	25.0	4.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3184	0.3435		27.0	25.0	7.9	20.0
Toluene-d8 (Surr)	Ave	1.262	1.257		24.9	25.0	-0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3719	0.3726		25.0	25.0	0.2	20.0

FORM I

GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo

Job No.: 480-62518-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 480-190420/8

Matrix: Solid

Lab File ID: F9562.D

Analysis Method: 8260C

Date Collected:

Sample wt/vol: 5(g)

Date Analyzed: 06/28/2014 12:05

Soil Aliquot Vol: 5 (g)

Dilution Factor: 1

Soil Extract Vol.:

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

% Moisture:

Level: (low/med) Low

Analysis Batch No.: 190420

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
591-78-6	2-Hexanone	ND		25	2.5
78-93-3	2-Butanone (MEK)	ND		25	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	ND		25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	ND		5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	0.72
110-82-7	Cyclohexane	ND		5.0	0.70
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
106-93-4	1,2-Dibromoethane	ND		5.0	0.64
100-41-4	Ethylbenzene	ND		5.0	0.35
98-82-8	Isopropylbenzene	ND		5.0	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-62518-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-190420/8

Matrix: Solid Lab File ID: F9562.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 06/28/2014 12:05

Soil Aliquot Vol: 5 (g) Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 190420 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	3.0
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.49
108-87-2	Methylcyclohexane	ND		5.0	0.76
75-09-2	Methylene Chloride	2.36	J	5.0	2.3
100-42-5	Styrene	ND		5.0	0.25
127-18-4	Tetrachloroethene	ND		5.0	0.67
108-88-3	Toluene	ND		5.0	0.38
156-60-5	trans-1,2-Dichloroethene	ND		5.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	2.2
79-01-6	Trichloroethene	ND		5.0	1.1
75-69-4	Trichlorofluoromethane	ND		5.0	0.47
75-01-4	Vinyl chloride	ND		5.0	0.61
1330-20-7	Xylenes, Total	ND		10	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		64-126
2037-26-5	Toluene-d8 (Surr)	96		71-125
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
1868-53-7	Dibromofluoromethane (Surr)	97		60-140

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November 21, 2014

Mr. Stephen Phelps
Precision Environmental Services, Inc.
Curtis Industrial Park
831 Rt. 67, Lot 38A.
Ballston Spa, New York 12020

Re: Data Usability Summary Report
Former KEM Cleaners
October 2014 Ground Water Sampling Evens

Dear Mr. Phelps:

The data usability summary report and data validation summary are attached to this letter for the Former KEM Cleaners, October 2014 ground water sampling event. The data for TestAmerica Buffalo, job number 480-70476-1 were acceptable with some minor issues identified in the validation summary. There were no data that were qualified as either estimated (J) or unusable (R) in the data pack.

A list of common data validation acronyms and data validation qualifers is attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Precision Environmental Services, Inc.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

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Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

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Data Usability Summary Report for
TestAmerica Buffalo, Job No:480-70476-1

9 Ground Water Samples and 1 Field Duplicate
Collected October 29, 2014

Prepared by: Donald Anné
November 21, 2014

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 9 ground water samples and 1 field duplicate analyzed for volatiles only.

The overall performances of the analysis are acceptable. TestAmerica Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. There were no data that were flagged either estimated (J) or unusable (R); therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of Method 8260C Volatiles Data
for TestAmerica Buffalo, Job No: 480-70476-1

9 Ground Water Samples, and 1 Field Duplicate
Collected October 29, 2014

Prepared by: Donald Anné
November 21, 2014

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with method criteria for average RRFs and %RSDs met those requirements.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The compounds with method criteria for RRFs met those requirements. The %Ds for trichlorofluoromethane, 1,1,2-trichloro-1,2,2-trifluoroethane, 1,1-dichloroethene, cyclohexane, carbon tetrachloride, and methylcyclohexane were above the method allowable maximum (20%), but were not above 40% on 11-08-14 (G36191.D). The %Ds for 1,1,2-trichloro-1,2,2-trifluoroethane and 1,2-dichloroethane were above the method allowable maximum (20%), but were not above 40% on 11-09-14 (G36230.D). No action is taken on fewer 10% compounds per calibration outside criteria, provide the RRF is not less than 0.010 and the %D is not greater than 40%.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for dichlorodifluoromethane, bromomethane, trichlorofluoromethane, 1,1,2-trichloro-1,2,2-trifluoroethane, 1,1-dichloroethene, cyclohexane, carbon tetrachloride, and methylcyclohexane were above the allowable maximum (25%) on 11-08-14 (G36191.D). The %D for 1,1,2-trichloro-1,2,2-trifluoroethane was above the allowable maximum (25%) on 11-09-14 (G36230.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of method blanks reported target compounds as not detected.

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Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil, drum and ground water samples.

Laboratory Control Sample: The percent recoveries were within QC limits for aqueous samples LCS 480-212900/5 and LCS 480-213019/5.

Field Duplicate: The relative percent difference for tetrachloroethene was below the allowable maximum (20%) for aqueous field duplicate pair MW-6/DUP (attached table), as required.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 480-70476-1

S1= MW-6 **S2=** DUP

Analyte	S1	S2	RPD (%)
tetrachloroethene	63	66	5%
trichloroethene	**0.78**	**0.85**	NC

* RPD is above the allowable maximum (20%)

All results are in ug/L

Italic numbers are diluted values
Bold numbers were values that below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-212900/3 Calibration Date: 11/08/2014 10:10

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36191.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	2.153	1.085	0.1000	12.6	25.0	-49.6	50.0
Chloromethane	Ave	1.628	1.438	0.1000	22.1	25.0	-11.6	20.0
Butadiene	Ave	1.413	1.140		20.2	25.0	-19.4	20.0
Vinyl chloride	Ave	1.755	1.603	0.1000	22.8	25.0	-8.7	20.0
Bromomethane	Qua		0.2892	0.1000	15.0	25.0	-40.1	50.0
Chloroethane	Ave	1.030	0.8705	0.1000	21.1	25.0	-15.5	50.0
Trichlorofluoromethane	Ave	2.170	1.469	0.1000	16.9	25.0	-32.3*	20.0
Dichlorofluoromethane	Ave	2.012	2.094		26.0	25.0	4.1	20.0
Ethyl ether	Ave	1.070	1.114		26.0	25.0	4.1	20.0
Acrolein	Ave	0.1667	0.1604		120	125	-3.8	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.369	0.8303	0.1000	15.2	25.0	-39.3*	20.0
1,1-Dichloroethene	Ave	1.705	1.219	0.1000	17.9	25.0	-28.5*	20.0
Acetone	Ave	0.4990	0.4314	0.1000	108	125	-13.5	50.0
Iodomethane	Ave	1.000	1.628		22.6	25.0	-9.6	20.0
Carbon disulfide	Ave	5.033	4.148	0.1000	20.6	25.0	-17.6	20.0
Allyl chloride	Ave	1.662	1.480		22.3	25.0	-11.0	20.0
Methyl acetate	Ave	1.242	1.135	0.1000	114	125	-8.7	50.0
Methylene Chloride	Ave	1.714	1.532	0.1000	22.3	25.0	-10.6	20.0
2-Methyl-2-propanol	Ave	0.2102	0.1745		208	250	-17.0	50.0
Methyl tert-butyl ether	Ave	4.279	4.081	0.1000	23.8	25.0	-4.6	20.0
trans-1,2-Dichloroethene	Ave	1.356	1.180	0.1000	21.8	25.0	-13.0	20.0
Acrylonitrile	Ave	0.5505	0.5596		254	250	1.7	20.0
Hexane	Ave	1.816	1.154		15.9	25.0	-36.5*	20.0
1,1-Dichloroethane	Ave	2.233	2.002	0.2000	22.4	25.0	-10.4	20.0
Vinyl acetate	Ave	1.680	1.470		43.7	50.0	-12.5	20.0
2,2-Dichloropropane	Ave	0.8042	1.099		34.2	25.0	-36.7*	20.0
cis-1,2-Dichloroethene	Ave	1.274	1.295	0.1000	25.4	25.0	1.7	20.0
2-Butanone (MEK)	Ave	0.7352	0.6703	0.1000	114	125	-8.8	20.0
Chlorobromomethane	Ave	0.6049	0.6054		25.0	25.0	0.0	20.0
Tetrahydrofuran	Ave	0.5110	0.4524		44.3	50.0	-11.5	20.0
Chloroform	Ave	1.415	1.280	0.2000	22.6	25.0	-9.5	20.0
1,1,1-Trichloroethane	Ave	1.361	1.366	0.1000	25.1	25.0	0.3	20.0
Cyclohexane	Ave	2.414	1.627	0.1000	16.8	25.0	-32.6*	20.0
Carbon tetrachloride	Ave	1.430	1.024	0.1000	17.9	25.0	-28.4*	20.0
1,1-Dichloropropene	Ave	1.663	1.449		21.8	25.0	-12.9	20.0
Isobutyl alcohol	Ave	0.0784	0.0752		599	625	-4.1	50.0
Benzene	Ave	5.022	5.064	0.5000	25.2	25.0	0.8	20.0
1,2-Dichloroethane	Ave	1.935	1.569	0.1000	20.3	25.0	-18.9	20.0
n-Heptane	Ave	1.808	1.176		16.3	25.0	-35.0*	20.0
Trichloroethene	Ave	1.242	1.161	0.2000	23.4	25.0	-6.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-212900/3 Calibration Date: 11/08/2014 10:10

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36191.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
Methylcyclohexane	Ave	2.196	1.573	0.1000	17.9	25.0	-28.3*	20.0
1,2-Dichloropropane	Ave	1.213	1.230	0.1000	25.3	25.0	1.4	20.0
Dibromomethane	Ave	0.7568	0.7102	0.1000	23.5	25.0	-6.2	20.0
1,4-Dioxane	Ave	0.0085	0.0083		493	500	-1.4	50.0
Bromodichloromethane	Ave	1.516	1.420	0.2000	23.4	25.0	-6.3	20.0
2-Chloroethyl vinyl ether	Ave	0.8965	0.9161		25.5	25.0	2.2	20.0
cis-1,3-Dichloropropene	Ave	1.966	1.915	0.2000	24.4	25.0	-2.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6983	0.6273	0.1000	112	125	-10.2	20.0
Toluene	Ave	1.515	1.504	0.4000	24.8	25.0	-0.7	20.0
trans-1,3-Dichloropropene	Ave	0.8432	0.7983	0.1000	23.7	25.0	-5.3	20.0
Ethyl methacrylate	Ave	0.8819	0.8903		25.2	25.0	0.9	20.0
1,1,2-Trichloroethane	Ave	0.4466	0.4630	0.1000	25.9	25.0	3.7	20.0
Tetrachloroethene	Ave	0.5799	0.5516	0.2000	23.8	25.0	-4.9	20.0
1,3-Dichloropropane	Ave	1.026	1.014		24.7	25.0	-1.2	20.0
2-Hexanone	Ave	0.4956	0.4573	0.1000	115	125	-7.7	20.0
Dibromochloromethane	Lin1		0.4558	0.1000	20.6	25.0	-17.7	20.0
1,2-Dibromoethane	Ave	0.5469	0.5544		25.3	25.0	1.4	20.0
Chlorobenzene	Ave	1.613	1.613	0.5000	25.0	25.0	0.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4681	0.4744		24.3	25.0	-2.8	20.0
Ethylbenzene	Ave	2.875	2.808	0.1000	24.4	25.0	-2.3	20.0
m,p-Xylene	Ave	1.139	1.115	0.1000	24.5	25.0	-2.1	20.0
o-Xylene	Ave	1.095	1.105	0.3000	25.2	25.0	0.9	20.0
Styrene	Ave	1.875	1.941	0.3000	25.9	25.0	3.5	20.0
Bromoform	Lin		0.2628	0.1000	20.8	25.0	-17.0	50.0
Isopropylbenzene	Ave	3.403	3.340	0.1000	24.5	25.0	-1.9	20.0
Bromobenzene	Ave	0.7722	0.7903		25.6	25.0	2.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8685	0.8994	0.3000	25.9	25.0	3.6	20.0
1,2,3-Trichloropropane	Ave	0.3063	0.2808		22.9	25.0	-8.3	20.0
N-Propylbenzene	Ave	3.939	3.919		24.9	25.0	-0.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2845	0.2206		19.4	25.0	-22.5	50.0
2-Chlorotoluene	Ave	0.7701	0.7512		24.4	25.0	-2.5	20.0
1,3,5-Trimethylbenzene	Ave	2.908	2.863		24.6	25.0	-1.5	20.0
4-Chlorotoluene	Ave	0.8085	0.7783		24.1	25.0	-3.7	20.0
tert-Butylbenzene	Ave	0.6193	0.6115		24.7	25.0	-1.2	20.0
1,2,4-Trimethylbenzene	Ave	3.004	3.016		25.1	25.0	0.4	20.0
sec-Butylbenzene	Ave	3.686	3.650		24.8	25.0	-1.0	20.0
1,3-Dichlorobenzene	Ave	1.526	1.538	0.6000	25.2	25.0	0.8	20.0
4-Isopropyltoluene	Ave	3.095	3.096		25.0	25.0	0.0	20.0
1,4-Dichlorobenzene	Ave	1.578	1.597	0.5000	25.3	25.0	1.2	20.0
n-Butylbenzene	Ave	2.892	2.877		24.9	25.0	-0.5	20.0
1,2-Dichlorobenzene	Ave	1.522	1.540	0.4000	25.3	25.0	1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-212900/3 Calibration Date: 11/08/2014 10:10

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36191.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1609	0.1432	0.0500	22.2	25.0	-11.0	50.0
1,2,4-Trichlorobenzene	Ave	1.105	1.146	0.2000	25.9	25.0	3.7	20.0
Hexachlorobutadiene	Ave	0.4934	0.4724		23.9	25.0	-4.3	20.0
Naphthalene	Ave	2.608	3.039		29.1	25.0	16.5	20.0
1,2,3-Trichlorobenzene	Ave	0.9706	1.072		27.6	25.0	10.4	20.0
Dibromofluoromethane (Surr)	Ave	1.070	1.032		24.1	25.0	-3.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8261	0.7098		21.5	25.0	-14.1	20.0
Toluene-d8 (Surr)	Ave	2.338	2.342		25.0	25.0	0.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6349	0.6369		25.1	25.0	0.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-213019/3 Calibration Date: 11/09/2014 23:16

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36230.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	2.153	1.929	0.1000	22.4	25.0	-10.4	50.0
Chloromethane	Ave	1.628	1.708	0.1000	26.2	25.0	4.9	20.0
Butadiene	Ave	1.413	1.446		25.6	25.0	2.3	20.0
Vinyl chloride	Ave	1.755	1.926	0.1000	27.4	25.0	9.8	20.0
Bromomethane	Qua		0.5240	0.1000	24.7	25.0	-1.0	50.0
Chloroethane	Ave	1.030	1.008	0.1000	24.5	25.0	-2.1	50.0
Trichlorofluoromethane	Ave	2.170	1.957	0.1000	22.5	25.0	-9.8	20.0
Dichlorofluoromethane	Ave	2.012	2.186		27.2	25.0	8.6	20.0
Ethyl ether	Ave	1.070	1.095		25.6	25.0	2.3	20.0
Acrolein	Ave	0.1667	0.1473		110	125	-11.7	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.369	0.998	0.1000	18.2	25.0	-27.1*	20.0
1,1-Dichloroethene	Ave	1.705	1.397	0.1000	20.5	25.0	-18.1	20.0
Acetone	Ave	0.4990	0.4022	0.1000	101	125	-19.4	50.0
Iodomethane	Ave	1.800	1.701		23.6	25.0	-5.5	20.0
Carbon disulfide	Ave	5.033	4.556	0.1000	22.6	25.0	-9.5	20.0
Allyl chloride	Ave	1.662	1.699		25.5	25.0	2.2	20.0
Methyl acetate	Ave	1.242	1.069	0.1000	108	125	-13.9	50.0
Methylene Chloride	Ave	1.714	1.466	0.1000	21.4	25.0	-14.5	20.0
2-Methyl-2-propanol	Ave	0.2102	0.1506		179	250	MM -28.4	50.0
Methyl tert-butyl ether	Ave	4.279	3.895	0.1000	22.8	25.0	-9.0	20.0
trans-1,2-Dichloroethene	Ave	1.356	1.283	0.1000	23.7	25.0	-5.4	20.0
Acrylonitrile	Ave	0.5505	0.5330		242	250	-3.2	20.0
Hexane	Ave	1.816	1.838		25.3	25.0	1.2	20.0
1,1-Dichloroethane	Ave	2.233	2.136	0.2000	23.9	25.0	-4.3	20.0
Vinyl acetate	Ave	1.680	1.390		41.4	50.0	-17.3	20.0
2,2-Dichloropropane	Ave	0.8042	1.170		36.4	25.0	MM 45.5*	20.0
cis-1,2-Dichloroethene	Ave	1.274	1.358	0.1000	26.7	25.0	6.6	20.0
2-Butanone (MEK)	Ave	0.7552	0.6078	0.1000	103	125	-17.3	20.0
Chlorobromomethane	Ave	0.6049	0.6088		25.2	25.0	0.6	20.0
Tetrahydrofuran	Ave	0.5110	0.4147		40.6	50.0	-18.9	20.0
Chloroform	Ave	1.415	1.325	0.2000	23.4	25.0	-6.4	20.0
1,1,1-Trichloroethane	Ave	1.361	1.514	0.1000	27.8	25.0	11.2	20.0
Cyclohexane	Ave	2.414	2.213	0.1000	22.9	25.0	-8.3	20.0
Carbon tetrachloride	Ave	1.430	1.175	0.1000	20.6	25.0	-17.8	20.0
1,1-Dichloropropene	Ave	1.663	1.619		24.3	25.0	-2.7	20.0
Isobutyl alcohol	Ave	0.0784	0.0649		517	625	-17.3	50.0
Benzene	Ave	5.022	5.356	0.5000	26.7	25.0	6.6	20.0
1,2-Dichloroethane	Ave	1.935	1.545	0.1000	20.0	25.0	-20.2*	20.0
n-Heptane	Ave	1.808	1.799		24.9	25.0	-0.5	20.0
Trichloroethene	Ave	1.242	1.248	0.2000	25.1	25.0	0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-213019/3 Calibration Date: 11/09/2014 23:16

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36230.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
Methylcyclohexane	Ave	2.196	2.052	0.1000	23.4	25.0	-6.6	20.0
1,2-Dichloropropane	Ave	1.213	1.259	0.1000	25.9	25.0	3.8	20.0
Dibromomethane	Ave	0.7568	0.7128	0.1000	23.5	25.0	-5.8	20.0
1,4-Dioxane	Ave	0.0085	0.0076		446	500	-10.8	50.0
Bromodichloromethane	Ave	1.516	1.465	0.2000	24.2	25.0	-3.4	20.0
2-Chloroethyl vinyl ether	Ave	0.8965	0.8677		24.2	25.0	-3.2	20.0
cis-1,3-Dichloropropene	Ave	1.966	1.959	0.2000	24.9	25.0	-0.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6983	0.5759	0.1000	103	125	-17.5	20.0
Toluene	Ave	1.515	1.602	0.4000	26.4	25.0	5.7	20.0
trans-1,3-Dichloropropene	Ave	0.8432	0.7760	0.1000	23.0	25.0	-8.0	20.0
Ethyl methacrylate	Ave	0.8819	0.8317		23.6	25.0	-5.7	20.0
1,1,2-Trichloroethane	Ave	0.4466	0.4559	0.1000	25.5	25.0	2.1	20.0
Tetrachloroethene	Ave	0.5799	0.6027	0.2000	26.0	25.0	3.9	20.0
1,3-Dichloropropane	Ave	1.026	0.996		24.3	25.0	-2.9	20.0
2-Hexanone	Ave	0.4956	0.4144	0.1000	105	125	-16.4	20.0
Dibromochloromethane	Lin1		0.4625	0.1000	20.9	25.0	-16.6	20.0
1,2-Dibromoethane	Ave	0.5469	0.5301		24.2	25.0	-3.1	20.0
Chlorobenzene	Ave	1.613	1.667	0.5000	25.8	25.0	3.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4881	0.4727		24.2	25.0	-3.2	20.0
Ethylbenzene	Ave	2.875	2.929	0.1000	25.5	25.0	1.9	20.0
m,p-Xylene	Ave	1.139	1.198	0.1000	26.3	25.0	5.1	20.0
o-Xylene	Ave	1.095	1.133	0.3000	25.9	25.0	3.5	20.0
Styrene	Ave	1.875	1.975	0.3000	26.3	25.0	5.4	20.0
Bromoform	Lin		0.2621	0.1000	20.7	25.0	-17.1	50.0
Isopropylbenzene	Ave	3.403	3.447	0.1000	25.3	25.0	1.3	20.0
Bromobenzene	Ave	0.7722	0.7820		25.3	25.0	1.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8685	0.8488	0.3000	24.4	25.0	-2.3	20.0
1,2,3-Trichloropropane	Ave	0.3063	0.2639		21.5	25.0	-13.9	20.0
N-Propylbenzene	Ave	3.939	4.070		25.8	25.0	3.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2845	0.2033		17.9	25.0	-28.5	50.0
2-Chlorotoluene	Ave	0.7701	0.7621		24.7	25.0	-1.0	20.0
1,3,5-Trimethylbenzene	Ave	2.908	2.954		25.4	25.0	1.6	20.0
4-Chlorotoluene	Ave	0.8085	0.8169		25.3	25.0	1.0	20.0
tert-Butylbenzene	Ave	0.6193	0.6317		25.5	25.0	2.0	20.0
1,2,4-Trimethylbenzene	Ave	3.004	3.039		25.3	25.0	1.2	20.0
sec-Butylbenzene	Ave	3.686	3.847		26.1	25.0	4.4	20.0
1,3-Dichlorobenzene	Ave	1.526	1.559	0.6000	25.5	25.0	2.2	20.0
4-Isopropyltoluene	Ave	3.095	3.188		25.7	25.0	3.0	20.0
1,4-Dichlorobenzene	Ave	1.578	1.598	0.5000	25.3	25.0	1.3	20.0
n-Butylbenzene	Ave	2.892	2.996		25.9	25.0	3.6	20.0
1,2-Dichlorobenzene	Ave	1.522	1.499	0.4000	24.6	25.0	-1.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-70476-1

SDG No.:

Lab Sample ID: CCVIS 480-213019/3 Calibration Date: 11/09/2014 23:16

Instrument ID: HP5973G Calib Start Date: 09/24/2014 04:27

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 09/24/2014 06:42

Lab File ID: G36230.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1609	0.1369	0.0500	21.3	25.0	-14.9	50.0
1,2,4-Trichlorobenzene	Ave	1.105	1.135	0.2000	25.7	25.0	2.7	20.0
Hexachlorobutadiene	Ave	0.4934	0.5137		26.0	25.0	4.1	20.0
Naphthalene	Ave	2.608	2.883		27.6	25.0	10.6	20.0
1,2,3-Trichlorobenzene	Ave	0.9706	1.052		27.1	25.0	8.4	20.0
Dibromofluoromethane (Surr)	Ave	1.070	1.001		23.4	25.0	-6.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8261	0.6950		21.0	25.0	-15.9	20.0
Toluene-d8 (Surr)	Ave	2.338	2.251		24.1	25.0	-3.7	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6349	0.6162		24.3	25.0	-3.0	20.0