

Mr. Todd Caffoe
Regional Hazardous Waste Remediation Engineer
New York State Department of Environmental Conservation
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Avon, New York 14414-9519

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Subject:
Indoor Air Sampling
Crosman Site
East Bloomfield, New York

Date:
March 31, 2017

Dear Mr. Caffoe:

Contact:
William B. Popham

On behalf of Crosman Corporation and New Coleman Holdings, Inc. (collectively, Crosman), Arcadis of New York, Inc. (Arcadis) has prepared this letter report to document results of the indoor air (IA) sampling event conducted in February 2017 at the Crosman site, located in East Bloomfield, New York (site).

Phone:
585 662 4022

As you are aware, the New York State Department of Environmental Conservation requested IA sampling in its February 24, 2016 letter approving the sub-slab depressurization system (SSDS) design as a means of verifying the effectiveness of the SSDS, which has been in operation since July 2016.

Email:
bill.popham@arcadis.com

Our ref:
B0041501.0001

PRE-SAMPLING INSPECTION AND SURVEY

On February 22, 2017, Arcadis performed an inspection of the facility and completed a survey of proposed IA sampling areas. The purpose of the inspection and survey was to identify and attempt to minimize conditions that may affect or interfere with IA sampling. Arcadis also obtained a thorough inventory of chemicals at the site, and identified those that could affect results of the IA sampling program. Attachment 1 provides a summary of the walk-through inspection and survey.

After completing the inspection and survey, Arcadis collected IA samples from the area of the two sub-slab depressurization sumps (SDS points) where the SSDS is currently extracting from. In addition, one ambient air sample was

collected from a location immediately upwind and west of the building. Sample IDs and descriptions of their locations are as follows:

- *Screw Machines* – Indoor air sample IA-SDS1-022217 was collected from the SDS-1 area, immediately adjacent to the small office area.
- *Ammo Department* – Indoor air sample IA-SDS2-022217 was collected from the SDS-2 area, immediately adjacent to the small office area.
- *Ambient Air Sample* – Ambient air sample AMB-022217 was collected outside, upwind, and west of the building.

All air samples were collected in accordance with the procedures outlined in the *Vapor Intrusion Investigation Work Plan* (Arcadis 2013) and consistent with the New York State Department of Health's (NYSDOH's) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 (VI Guidance).

Each IA sample was set up to collect IA from the approximate breathing zone in the area of the SDS point. The air samples were collected using 6-liter certified clean SUMMA[®] canisters over an approximate 24-hour sampling period with calibrated regulators, in accordance with the NYSDOH VI Guidance (2006).

The samples were packaged and submitted to TestAmerica, Inc. for volatile organic compound analysis via United States Environmental Protection Agency (USEPA) Method TO-15. Attachment 2 provides the air sampling logs.

RESULTS

Table 1 and Figure 1 present analytical results from the vapor intrusion investigation, and Attachment 3 provides the laboratory data package. As shown in Table 1, IA results were compared to the NYSDOH Indoor Air Guidelines and the 90th percentile background levels from the USEPA Building Assessment and Survey Evaluation (BASE) database, as outlined in the VI Guidance (NYSDOH 2006). For comparison purposes, the IA sampling results collected at the same locations during the 2014 vapor intrusion investigation are also presented in Table 1 and on Figure 1.

The primary site contaminant, trichloroethene (TCE), was detected in the samples collected at both IA locations during the 2017 sampling event; however, both detected concentrations (1.8 micrograms per cubic meter [$\mu\text{g}/\text{m}^3$] at SDS-1 and 0.65 $\mu\text{g}/\text{m}^3$ at SDS-2) were below both the NYSDOH guideline and USEPA BASE database (90th Percentile) value for TCE. Furthermore, the TCE results detected during the 2017 sampling event represent a decrease in concentration from the results of the 2014 vapor intrusion investigation sampling.

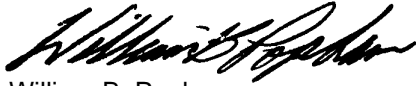
Collectively, the concentrations observed during the 2017 sampling event indicate that IA concentrations are within NYSDOH guidance values, and the SSDS is operating effectively to reduce vapor intrusion concerns at the site.

Mr. Todd Caffoe
March 31, 2017

If you should have any questions, feel free to contact me at 585.662.4022.

Sincerely,

Arcadis of New York, Inc.



William B. Popham
Senior Vice President

Copies:

Justin Deming, New York State Department of Health
Timothy S. Martin, Esq., New Coleman Holdings, Inc.
Benedict Moshier, New Coleman Holdings, Inc.
Thomas F. Walsh, Esq., Barclay Damon, LLP
Gina Thomas, Crosman Corporation
Aaron D. Richardson, Arcadis

Enclosures:

Tables

- 1 Analytical Summary of Indoor Air Samples

Figure

- 1 Indoor Air Sampling Analytical Results

Attachments

- 1 Walk-Through Inspection and Survey
- 2 Indoor Air Sampling Logs
- 3 Indoor Air Analytical Laboratory Data Package

REFERENCES

Arcadis. 2013. *Vapor Intrusion Investigation Work Plan*. Crosman Site. East Bloomfield, New York.

NYSDOH. 2006. *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. October.

TABLE



Table 1
Analytical Summary of Indoor Air Samples
Crosman Corporation
East Bloomfield, New York

Sample Type: Sample Location: Sample ID: Sample Date: Units:	NYSDOH Indoor Air Guideline	USEPA BASE Database - 90 th Percentile	Indoor Air				Ambient Air	
			Screw Machines		Ammo Department		Outside Air	
			IA-4_2	IA-SDS1-022217	IA-5	IA-SDS2-022217	AMB-012714	AMB-022217
			1/28/2014	2/22/2017	1/28/2014	2/22/2017	1/28/2014	2/22/2017
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	
Vinyl Chloride	---	1.9	0.10 U	0.1 U	0.10 U	0.072 J	0.10 U	0.1 U
1,1-Dichloroethene	---	1.4	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Acetone	---	99	19	28	93	27	12 U	6.6 J
Methylene Chloride	60	10	1.7 U	0.85 J	1.7 U	0.92 J	1.7 U	1.7 U
trans-1,2-Dichloroethene	---	---	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,1-Dichloroethane	---	0.7	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
cis-1,2-Dichloroethene	---	1.9	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Dichloroethene (total)	---	---	0.79 U	1.6 U	0.79 U	1.6 U	0.79 U	1.6 U
1,1,1-Trichloroethane	---	20.6	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Carbon Tetrachloride	---	1.3	0.32	0.44	0.52	0.55	0.45	0.41
Benzene	---	9.4	0.73	0.97	3.8	2.4	0.64 U	0.57 J
Trichloroethene (TCE)	5	4.2	11	1.8	2.4	0.65	0.21 U	0.21 U
Toluene	---	43	2.7	9.3	17	3	1.1	0.74
Tetrachloroethene (PCE)	100	15.9	1.4 U	0.23 J	1.4 U	1.4 U	1.4 U	1.4 U
Chlorobenzene	---	---	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Xylene (m,p)	---	22.2	12	1.8 J	2.2 U	1 J	2.2 U	0.46 J
Xylene (o)	---	7.9	4.4	0.74 J	0.87 U	0.49 J	0.87 U	0.19 J
Bromoform	---	---	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1,2,2-Tetrachloroethane	---	---	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U

Notes:

Samples were analyzed using USEPA Method TO-15.

Bold results indicate a detection.

Shaded results indicate an exceedance of one or more relevant guidelines.

--- = not available

U = Not detected at the reporting limit.

J = Estimated concentration. Result is less than reporting limit but greater than method detection limit.

NYSDOH = New York State Department of Health

µg/m³ = micrograms per cubic meter

USEPA BASE = United States Environmental Protection Agency Building Assessment and Survey Evaluation

FIGURE



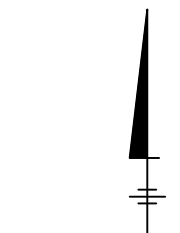
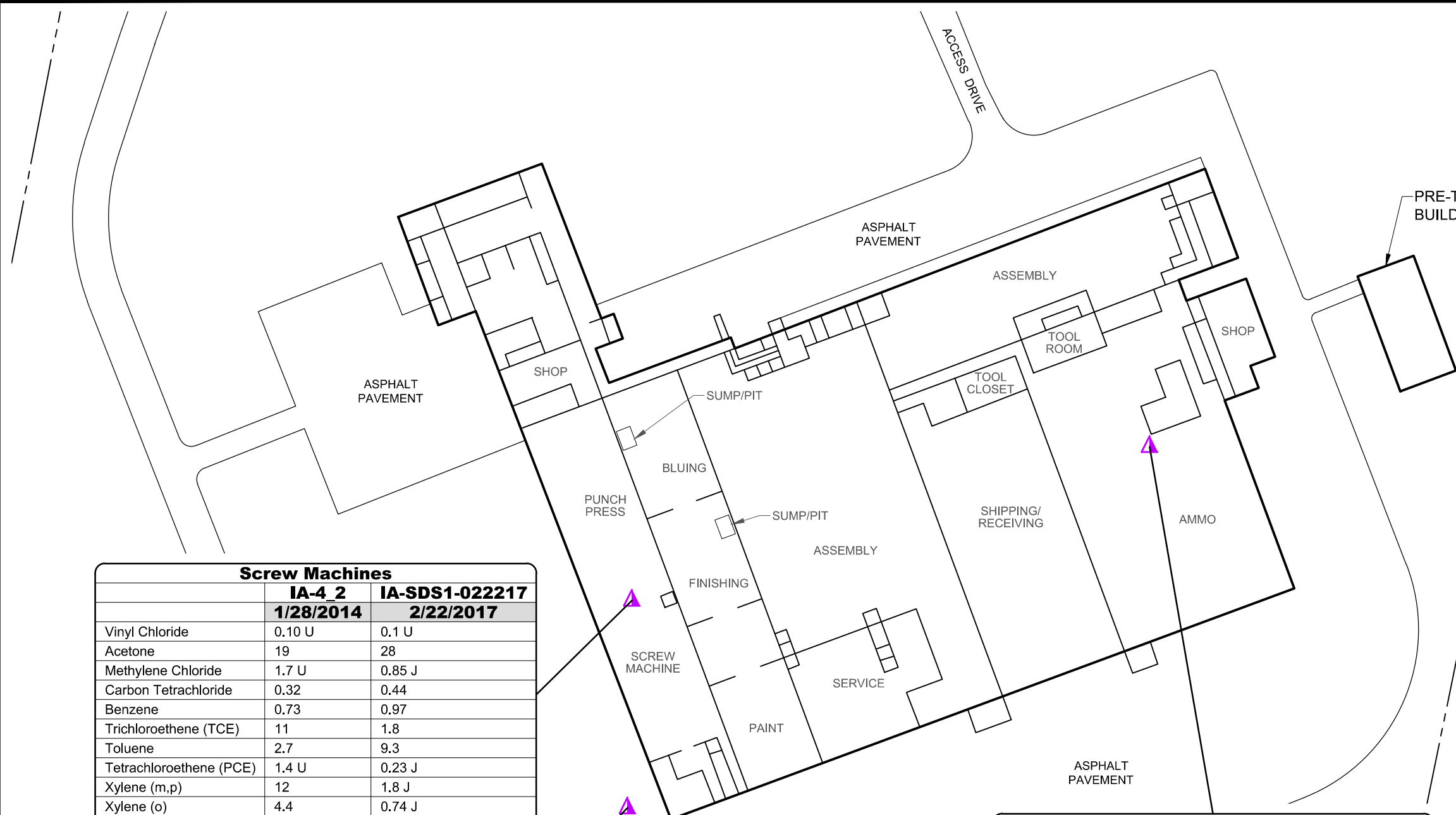
CITY: SYRACUSE NY DIV/GROUP: ENVCAD DB: E. KRAHMER LD: (Opt) PIC/PM: W. POPHAM AF/MTM: A. RICHARDSON LYR: (Opt) ON: OFF: REF: G:\ENVCAD\SYRACUSE\ACT\B0041501\0001\0001\2\DWG\41501C01.dwg LAYOUT: 1 SAVED: 3/23/2017 8:56 AM ACADVER: 19.1S (LMS TECH) PAGES: 10 PAGES SETUP: --- PLOTSTYLE/TABLE: PLT\FULL.CTB PLOTTED: 3/23/2017 11:12 AM BY: KRAHMER, ERIC

PROJECT NAME: ---
 XREFS: 41501X05
 41501XLB

Screw Machines		
	IA-4 2 1/28/2014	IA-SDS1-022217 2/22/2017
Vinyl Chloride	0.10 U	0.1 U
Acetone	19	28
Methylene Chloride	1.7 U	0.85 J
Carbon Tetrachloride	0.32	0.44
Benzene	0.73	0.97
Trichloroethene (TCE)	11	1.8
Toluene	2.7	9.3
Tetrachloroethene (PCE)	1.4 U	0.23 J
Xylene (m,p)	12	1.8 J
Xylene (o)	4.4	0.74 J

Ambient (Outside) Air		
	AMB-012714 1/28/2014	AMB-022217 2/22/2017
Vinyl Chloride	0.10 U	0.1 U
Acetone	12 U	6.6 J
Methylene Chloride	1.7 U	1.7 U
Carbon Tetrachloride	0.45	0.41
Benzene	0.64 U	0.57 J
Trichloroethene (TCE)	0.21 U	0.21 U
Toluene	1.1	0.74
Tetrachloroethene (PCE)	1.4 U	1.4 U
Xylene (m,p)	2.2 U	0.46 J
Xylene (o)	0.87 U	0.19 J

Ammo Department		
	IA-5 1/28/2014	IA-SDS2-022217 2/22/2017
Vinyl Chloride	0.10 U	0.072 J
Acetone	93	27
Methylene Chloride	1.7 U	0.92 J
Carbon Tetrachloride	0.52	0.55
Benzene	3.8	2.4
Trichloroethene (TCE)	2.4	0.65
Toluene	17	3
Tetrachloroethene (PCE)	1.4 U	1.4 U
Xylene (m,p)	2.2 U	1 J
Xylene (o)	0.87 U	0.49 J



LEGEND:

▲ SAMPLE LOCATION

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. ANALYTICAL RESULTS ARE PRESENTED IN MICROGRAMS PER CUBIC METER ($\mu\text{g}/\text{m}^3$).
3. AMB = AMBIENT (OUTSIDE) AIR
4. IA = INDOOR AIR.
5. U = COMPOUND WAS ANALYZED BUT NOT DETECTED. THE ASSOCIATED VALUE IS THE COMPOUND QUANTITATION LIMIT.
6. J = ESTIMATED CONCENTRATION. RESULT IS LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.



CROSMAN CORPORATION SITE
EAST BLOOMFIELD, NEW YORK

**INDOOR AIR SAMPLING
ANALYTICAL RESULTS**




FIGURE
1

ATTACHMENT 1

Walk-Through Inspection and Survey



NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name ARON RICHARDSON Date/Time Prepared 2/22/17 10:00

Preparer's Affiliation Accadis Phone No. 585.202.4393

Purpose of Investigation Indoor Air Sampling

1. OCCUPANT:

Interviewed: Y/N

Last Name: Thomas First Name: Gina

Address: 7629 Rt. 5+20 East Bloomfield, NY

County: Ontario

Home Phone: _____ Office Phone: 585.657.3120

Number of Occupants/persons at this location ~240 Age of Occupants 18-76

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y/N

Last Name: Crosman Corp. First Name: _____

Address: 7629 Rt. 5+20

County: Ontario

Home Phone: _____ Office Phone: 585.657.6161

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

- Residential
Industrial
- School
Church
- Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

NA

- | | | |
|--------------|-----------------|-------------------|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other: _____ |

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) light industry

Does it include residences (i.e., multi-use)? Y N If yes, how many? _____

Other characteristics:

Number of floors 2

Building age 1970-1985

Is the building insulated? Y / N

How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Yes, Stairways + Doorways

Airflow near source

Airflow is not consistent

Outdoor air infiltration

Multiple overhead + windows

Infiltration into air ducts

NA

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other NA
- c. Basement floor: concrete dirt stone other NA
- d. Basement floor: uncovered covered covered with NA
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with NA
- h. The basement is: wet damp dry moldy NA
- i. The basement is: finished unfinished partially finished NA
- j. Sump present? Y/N
- k. Water in sump? Y/N / not applicable

Basement/Lowest level depth below grade: ~7' (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

UMP's, potential unobserved cracks

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- Hot air circulation Heat pump Hot water baseboard
Space Heaters Steam radiation Radiant floor
Electric baseboard Wood stove Outdoor wood boiler Other _____

The primary type of fuel used is:

- Natural Gas Fuel Oil Kerosene
Electric Propane Solar
 Wood Coal

Domestic hot water tank fueled by: gas

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Ductwork present in office areas, appears tight

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never NA

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement	<u>NA</u>
1 st Floor	<u>24 hours, 5-6 days/week</u>
2 nd Floor	<u>lunchroom few people ~24 hrs/day</u>
3 rd Floor	<u>NA</u>
4 th Floor	<u>NA</u>

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?

Y / N

b. Does the garage have a separate heating unit?

Y / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)

Y / N / NA

Please specify in storage

d. Has the building ever had a fire?

Y / N

When? woodshop ~2008

e. Is a kerosene or unvented gas space heater present?

Y / N

Where? backup generator

f. Is there a workshop or hobby/craft area?

Y / N

Where & Type? wood shop

g. Is there smoking in the building?

Y / N

How frequently? _____

h. Have cleaning products been used recently?

Y / N

When & Type? _____

i. Have cosmetic products been used recently?

Y / N

When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y / N Where & When? silkscreen of paper-lets
- k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____
- l. Have air fresheners been used recently? Y / N When & Type? bathroom only
- m. Is there a kitchen exhaust fan? Y / N If yes, where vented? outside
- n. Is there a bathroom exhaust fan? Y / N If yes, where vented? outside
- o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y / N When & Type? _____

Are there odors in the building? Y / N
 If yes, please describe: various throughout building

Do any of the building occupants use solvents at work? Y / N
 (e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? MEK, only in Model shop

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

- Yes, use dry-cleaning regularly (weekly) Yes No
- Yes, use dry-cleaning infrequently (monthly or less) NA Unknown
- Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
 Is the system active or passive? Active/Passive SSDS installed July 2016

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____
 Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

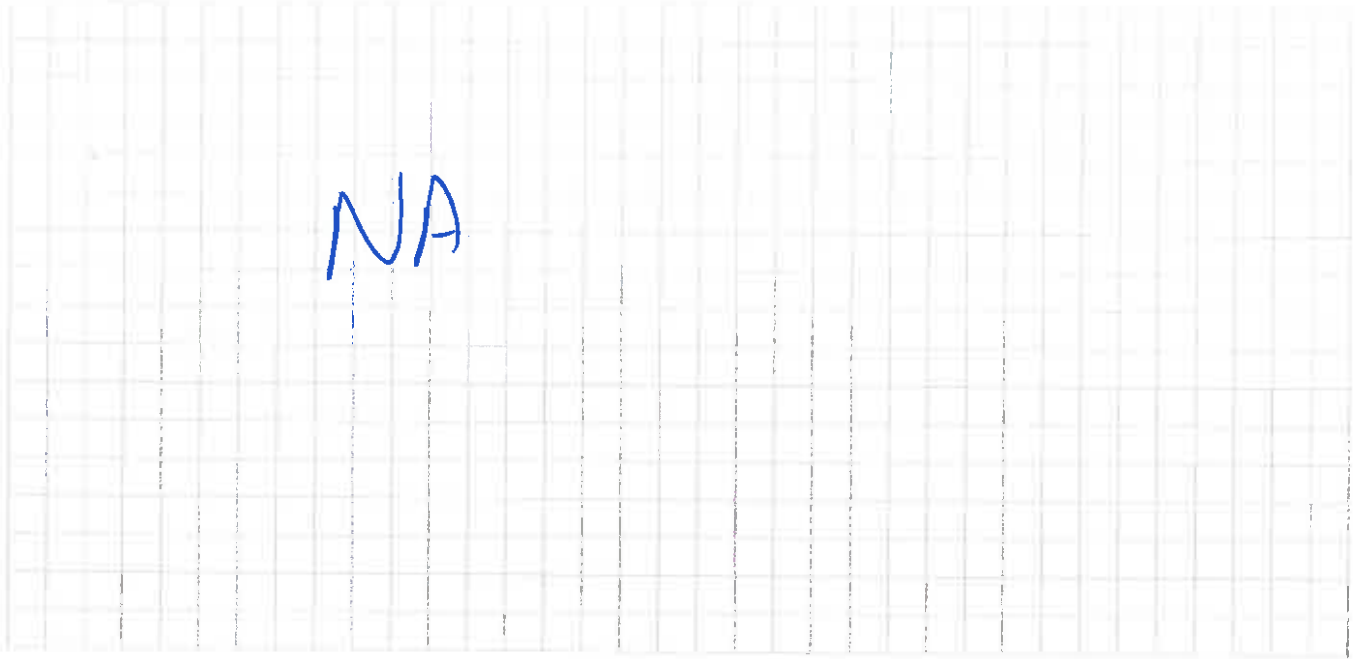
10. RELOCATION INFORMATION (for oil spill residential emergency)

- a. Provide reasons why relocation is recommended: NA
- b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel
- c. Responsibility for costs associated with reimbursement explained? Y / N
- d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



First Floor:

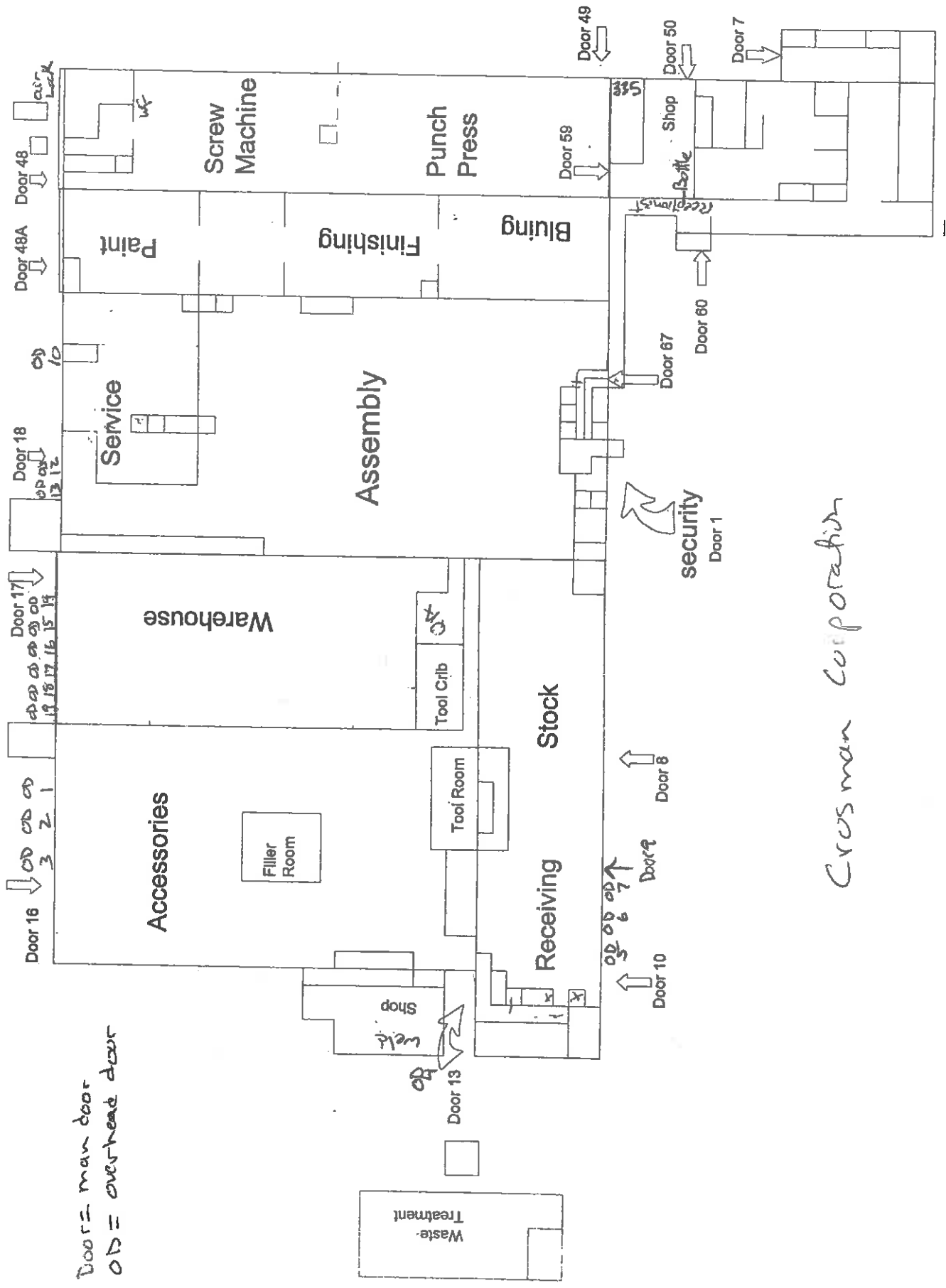


12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

See Attached



Door = man door
 OD = overhead door

Crosman Corporation

BLUING ROOM 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QUANTITY	CONTAINER SIZE
MEYER	BS-55 CLEANER		1	20 OZ
VALSPAR CORPORATION	INTERIOR PAINT	EGGSHELL	1	620 FL OZ
DUBOIS CHEMICALS INC.	LAB OIL 100W		1	430 LB
DUBOISE CHEMICALS INC.	METALURGICAL UNI-KLEEN 14B		3	400 LB
AMREX CHEMICAL COMPANY	MURIATIC ACID-HYDROCHLORIC		9	15 GALLON
HEATBATH CORPORATION	PENTRATE LM-CAUSTIC ALKALI L8 SODIUM HYDROXIDE		3	650 LB
HEATBATH CORPORATION	PENTRATE ULTRA		3	500 LB
MIXTURE	SALT SOLUTION		1	*NO SIZE*
DUBOIS CHEMICALS INC.	RINSE KLEEN 1020		1	100 LB
HEATBATH/PARK CORPORATION	LAB OIL EXTENDER		1	40 LBS

WELD ROOM 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
DAB, INC	33' GLAZING		1	8 FL OZ
RECTORSEAL	5 PIPE THREAD SEALANT		1	1 PINT
DOW CORNING	55 O-RING LUBRICANT		1	150 GRAMS
DOW CORNING	732 MULTI-PURPOSE SEALANT	BLACK	1	10.1 FL OZ
SCOTCH GRIP	847 RUBBER & CEMENT ADHESIVE		1	147.9 ML
MARKEM	A THINNER		1	10 OZ
CLEAR CONTAINER	ACETONE		1	*NO SIZE*
MOBIL OIL COMPANY	AERO HFA HYDRAULIC FLUID		1	5 GALLON
SIMPLE GREEN	ALL PURPOSE CLEANER		1	16 OZ
LUBRICATION ENGINEERS	ALMAPLEX 1275		1	14.5 OZ
KLUBER LUBRICATION	ALTEMP QNB 50		1	80 GRAMS
CONOCO PHILLIPS COMPANY	AUTO TRANSMISSION FLUID		1	1 QUART
MOBIL OIL COMPANY	AW2 INDUSTRIAL GREASE HEAVY DUTY/MULTI-PURPOSE		32	14 OZ
WARREN UNILUBE, INC	AW-32 HYDRAULIC OIL		1	5 GALLON
VIRGINIA KMP CORPORATION	BLAST-A-COIL (COIL CLEANER)		1	18 FL OZ
3M COMPANY	BONDO BODY FILLER		1	FILLER 7 LB/ HARDENER 2.75 OZ
3M COMPANY	BONDO FIBERGLASS REPAIR KIT		2	1 KIT PER BOX
DYNATRON CORPORATION	BONDO FIBERGLASS RESIN		1	8 FL OZ
MEYER	BS-55 CLEANER		1	20 OZ
MASTER APPLIACNE COMPANY	BUTANE FUEL REFILL		1	5 1/8 OZ
LOCTITE CORPORATION	C5-A THREADLOCKER		1	4 OZ
ELMER'S GLUE	CARPENTER'S WOOD GLUE		1	1 PINT
PROTECT-ALL, INC	CHAMPIONS CHOICE CHAIN LIFE SPRAY LUBRICANT		1	1 LB, 1 OZ
ORANGE BLOSSOM	CLEANER		1	20 OZ
CROWN	COLD GALVANIZING COMPOUND PREMIUM 7007		1	13 OZ
GENERAL PAINT & MFG CO	COLOR DÉCOR PAINT ENAMEL		1	11.5 OZ
LOCTITE CORPORATION	COLOR GUARD		1	14.5 FL OZ
PERMATEX INDUSTRIAL	COLOR GUARD		1	12 OZ
BONDO CORPORATION	CREAM HARDENER		2	.75 OZ
CRONATION WELDING SYSTEMS	CRONACLEAN II		1	15.75 OZ
CRONATION WELDING SYSTEMS	CRONASOLV F53 CW1073		2	8 FL OZ
MISTIC METAL MOVER, INC	CUTTING FLUID & PENETRANT		1	16 FL OZ
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH		2	10 OZ
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH		2	12 OZ
POWER SERVICE	DIESEL FUEL		1	32 OZ
CASTLE PRODUCTS COMPANY	DOUBLE DRY ANTIFREEZE GAS LINE		2	12 FL OZ
MOBIL OIL COMPANY	DTE 25 OIL		1	9 QUART
MOBIL OIL COMPANY	DTE OIL EXTRA HEAVY		1	55 GALLON
ALL-STATE	DUZALL-FLUX SOFT SOLDERING		1	4 FL OZ
CONOCO PHILLIPS COMPANY	DYNA-LIFE NLGI #2 NLGI GC-LB		1	3 OZ
SEACORD CORPORATION	EASE ON PIPE JOINT LUBRICANT		1	2 LB
SPRAYON PRODUCTS	ELECTRICAL CONTACT CLEANER		1	11 OZ
GABRIEL SERVICE & SUPPLY	FAST SPRAY (SPRAY-N-WIPE)		2	19 OZ
KESTER SOLDER	FLO-RITE PASTE SOLDER		1	1 LB
KOOL MIST	FORMULA #77-MIST SPRAY COOLANT		1	4 FL OZ
KEMPER SYSTEM PRODUCTION	GAS LEAK DETECTOR		1	8 FL OZ
VIRGINIA KMP CORPORATION	GAS LEAK DETECTOR		1	8 OZ
MOBIL OIL COMPANY	GEAR LUBE 375 NC		1	13 OZ
CONOCO PHILLIPS COMPANY	GEAR OIL 460		1	5 GALLON
WINDEX	GLASS CLEANER		1	26 FL OZ
TRUE VALUE HARDWARE STORE	HD SAE 30 MOTOR OIL		1	1 QUART
SPRAYON PRODUCTS	HEAVY DUTY CITRUS DEGREASER CD-757		2	16 OZ
NO LABEL	HEAVY DUTY CUTTING OIL		2	10 OZ
CRO INDUSTRIAL	HF CONTACT CLEANER		1	11 OZ
JCB, INC	HYDRAULIC OIL BACK HOE		1	5 GALLON
ORTHO	INSECT FOGGER		3	5 OZ
RUST-OLEUM CORPORATION	INVERTED STRIPING PAINT	YELLOW	2	18 OZ
L. S. STARRETT COMPANY	KLENSCRIBE LAYOUT DYE	BLUE	1	11.5 OZ
SHERWIN WILLIAMS COMPANY	KRYLON INTERIOR/EXTERIOR PAINT		1	12 OZ
KESTER SOLDER	LEAD FREE PASTE SOLDER		2	6 OZ
GOJO INDUSTRIES, INC	LEMON HAND CLEANER		1	4.5 LB
LUBRIPLATE DIVISION	LITHIUM COMPLEX MULTI-PURPOSE GREASE		1	14.5 OZ
LOCTITE CORPORATION	LOCTITE 2 GASKET SEALANT		1	7 FL OZ
LOCTITE CORPORATION	LOCTITE 242 THREADLOCKER		2	.34 FL OZ

WELD ROOM 2017

LOCTITE CORPORATION	LOCTITE 271 THREADLOCKER		2	1.69 FL OZ
LOCTITE CORPORATION	LOCTITE 272 THREADLOCKER		1	1.69 FL OZ
LOCTITE CORPORATION	LOCTITE 712 THREADLOCKER		1	.70 OZ
LOCTITE CORPORATION	LOCTITE 7649 PRIMER N		1	4.5 OZ
MOBIL OIL COMPANY	LUBRICATION GREASE		1	14 OZ
L. S. STARRETT COMPANY	M1-ALL PURPOSE LUBRICANT		1	12 OZ
STRAIT-LINE	MARKING CHALK		1	8 OZ
MOBIL OIL COMPANY	MISTY SUPER GREASE		1	12.5 OZ
DOW CORNING	MULTI-PURPOSE SEALANT	CLEAR	1	10.1 FL OZ
GOJO INDUSTRIES, INC	NATURAL ORANGE HAND CLEANER		1	64 FL OZ
LOCTITE CORPORATION	NICKEL ANTI-SEIZE		1	1 LB
LUBRIPLATE DIVISION	NO. 1242 HEAVY DUTY GREASE		4	14.5 OZ
RAIN DANCE	NO. 7 RUBBING COMPOUND		1	10 OZ
LUBRIPLATE DIVISION	NO. 930.2 MULTI-PURPOSE GREASE		10	14.5 OZ
WELD-ON	P-68 PRIMER		1	1 QUART
CRC INDUSTRIES	PF PRECISION CLEANER		1	14 OZ
LOCTITE CORPORATION	PL 400-SUB FLOOR & DECK ADHESIVE		1	28 FL OZ
MOBIL OIL COMPANY	POLYREX EM GREASE		1	14.1 OZ
MIRAWAX COMPANY	POLYSHADES-STAIN & POLYURETHANE		1	1 QUART
SAS SAFETY CORPORATION	PORTABLE SELF-CONTAINED EYE WASH STATION		1	8 FL OZ
PROVEN BRANDS	PREMIUM ENAMEL		1	12 OZ
MOBIL OIL COMPANY	PREMIUM LUBRICATING GREASE		1	14 OZ
WILLIAM H. HARVEY COMPANY	PRIMER	CLEAR	1	*NO SIZE*
LOCTITE CORPORATION	PST PIPE SEALANT		1	50 ML
FRY-COOKSON COMPANY	PVC CEMENT LOW VOC 905		1	1/2 PINT
CRONATION WELDING SYSTEMS	PYROSPRAY 830		7	1 LB
CARLON LAMSON & SESSIONS	QUICK SET CEMENT		1	16 FL OZ
LOCTITE CORPORATION	RC/680 THREADLOCKER		1	8.45 FL OZ
LA-CO INDUSTRIES	REGULAR SOLDERING FLUX PASTE		1	16 OZ
GENERAL ELECTRIC COMPANY	RTV 110 SERIES		1	2.8 FL OZ
DOW CORNING	RTV SEALANT 732		1	10.1 FL OZ
MOBIL OIL COMPANY	SHC 624 SYNTHETIC BEARING & GEAR OIL		1	5 GALLON
MOBIL OIL COMPANY	SHC 629 OIL		1	5 GALLON
MOBIL OIL COMPANY	SHC 636 SYNTHETIC BEARING & GEAR OIL		1	5 GALLON
SUPERIOR GRAPHITE COMPANY	SLIP PLATE-DRY FILM LUBRICANT		1	12 OZ
ANTI-SEIZE	SOFT SET		1	1 PINT
CRONATION WELDING SYSTEMS	SPATTER GUARD		1	16 OZ
CRONATION WELDING SYSTEMS	SPATTER GUARD		1	454 GRAMS
MAGNAFLUX	SPOTCHECK SKD-S2 DEVELOPER		1	240 GRAMS
MAGNAFLUX	SPOTCHECK SKL-SP PENETRANT		1	241 GRAMS
CORE	SPRAY GLUE		1	10 OZ
NOW	SPRAY PAINT	GREEN	1	10 OZ
DAP, INC	SPRAY-N-GO GOLD 191 FINISH/PLATE	GOLD	1	12 OZ
DIVERSIFIED BRANDS	SPRAYON 805 MOLD RELEASE		1	12 OZ
DIVERSIFIED BRANDS	SPRAYON SOO305 HEAVY DUTY SILICONE		1	12 OZ
3M COMPANY	STAINLESS STEEL CLEANER & POLISH		1	21 OZ
CRONATION WELDING SYSTEMS	STAINLESS STEEL SPRAY COATING		1	12 OZ
J. W. HARRIS CO, INC	STAY-SILV FLUX	WHITE	1	1 LB
DYKEM CORPORATION	STEEL BLUE-LAYOUT FLUID		2	8 FL OZ
DYKEM CORPORATION	STEEL RED LAYOUT FLUID		1	9 FL OZ
DYKEM CORPORATION	STEEL RED LAYOUT FLUID		2	8 FL OZ
CONOCO PHILLIPS COMPANY	SUPER ATF		1	1 QUART
GULF OIL COMPANY	SUPER DUTY MOLY EP GREASE		7	14 OZ
3M COMPANY	SUPERIOR 77		2	16.5 OZ
PARKER	SUPER-O-LUBE		1	2 OZ
KASENIT COMPANY	SURFACE HARDENING COMPOUND		1	5 LB
MOBIL OIL COMPANY	SYNTHETIC LUBRICATING GREASE		9	12.5 OZ
LPS LABORATORIES, INC	TAPMATIC TRICUT		1	1 LB
NO LABEL	TAPPING OIL		1	10 OZ
REMGRIT	TFL-50 DRY LUBRICANT		1	10 OZ
FRANKLIN INTERNATIONAL	TITEBOND II-PREMIUM WOOD GLUE		1	16 FL OZ
DAP, INC	TOUCH-N-TONE		1	10 OZ
RADIATOR SPECIALTY COMPANY	TRANSMEDIC		1	12 FL OZ
THOMPSON & FORBY, INC	TRI-FLOW HIGH PERFORMANCE PENETRATING LUBE w/ TEFLON		1	18 FL OZ
GABRIEL SERVICE & SUPPLY	TRI-FLOW LUBRICANT w/ TEFLON		1	20 OZ

WELD ROOM 2017

THOMPSON & FORBY, INC	TRI-FLOW SUPERIOR LUBRICANT		1	12 OZ
PENNZOIL COMPANY	TYPE F OIL		1	1 QUART
ENGLEHARD	ULTRA FLUX II SILVER BRAZING FLUX		1	7 OZ
CASTROL, INC	VIBRO EQUIPMENT BEARING GREASE OPTIMOL PD2		2	.192 LB
HAMMERITE PRODUCTS	WAXOYL		1	400 ML
WD-40 COMPANY	WD-40 LUBRICANT		1	8 OZ
CRONATION WELDING SYSTEMS	WELD SURFACE DEGREASER		1	15.75 OZ
WELD-AID PRODUCTS	WELD-KLEEN HEAVY DUTY ANTI-SPATTER		1	20 OZ
DAP, INC	WELDWOOD CONTACT CEMENT		2	16 FL OZ
TRI-CHEM CORPORATION	WRENCH EASE (NUT & BOLT RELEASE)		3	11 OZ
TRI-CHEM CORPORATION	WRENCH EASE (NUT & BOLT RELEASE)		1	15 OZ
GENERAL PAINT & MFG CO	X-O RUST INTERIOR/EXTERIOR PAINT XO-8	BLUE	2	12 OZ

AMMO DEPARTMENT 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QUANTITY	CONTAINER SIZE
McCARTHY CHEMICAL COMPANY	943		1	55 GALLON
McCARTHY CHEMICAL COMPANY	295		1	55 GALLON
McCARTHY CHEMICAL COMPANY	681		1	55 GALLON
I. C. C. INTERNATIONAL PRODUCTS	*NO LABEL*		1	55 GALLON
PMX-200	*NO LABEL* (bb packer)		5	5 OZ
MICROBAN	2000 PLUS INK PAD		1	LG PAD
MICROBAN	2000 PLUS INK REFILL (STAMPER)	BLACK	2	.9 OZ
SBS SKINCARE COMPANY	46 PROTECTIVE CREAM		1	5 FL OZ
AMREX CHEMICAL COMPANY	50% LIQUID CAUSTIC MEMBRANE SODA		4	55 GALLON
ALLEN AIR	76 OIL DTE-MED		1	1 QUART
INTERNATIONAL CHEMICAL COMPANY	920-R		1	275 GALLON
INTERNATIONAL CHEMICAL COMPANY	Machine Cleaner 550-F		1	55 GALLON
CONOCO PHILLIPS COMPANY	ALL SEASON HYDROCLEAR SUPER MOTOR 10W-30		1	1 QUART
ANTI-SEIZE COMPANY	AST-PPD/PLUMBERS PIPE DOPE		1	1 PINT
LUBRIPLATE COMPANY	BENTONE MULTI-PURPOSE GREASE NO. 930.2		4	14.5 OZ
MARKS-A-LOT	BLACK PERMANENT MARKER		1	*NO SIZE*
AMERICAN REFINING COMPANY	BRAD PENN-SYNTHETIC BLEND MOTOR OIL 10W-30		18	32 FL OZ
CRC INDUSTRIES	BRAKLEEN-BRAKE PARTS CLEANER		8	14 OZ
MEYER	BS-55 CLEANER		1	20 OZ
LOCTITE CORPORATION	CSA THREADLOCKER		2	4 OZ
PROTECT-ALL, INC	CHAMPIONS CHOICE CHAIN LIFE-SPRAY LUBRICANT		20	1 LB, 1 OZ
SPRAYON PRODUCTS	CITRUS DEGREASER		1	1 LB
CONOCO PHILLIPS COMPANY	CONOCO R & O #32		1	55 GALLON
MARKS-A-LOT	DRY ERASE MARKER	RED	1	*NO SIZE*
MOBIL OIL COMPANY	DTE OIL BB		1	55 GALLON
FALCON SAFETY PRODUCTS	DUST-OFF DUSTER (can air)		1	10 OZ
CONOCO PHILLIPS COMPANY	DYNA-LIFE HT NLGI#2 NLGI GC-LB		9	14 OZ
CONOCO PHILLIPS COMPANY	DYNA-LIFE NLGI#2/NLCI GC-LB		18	14 OZ
SPRAYON PRODUCTS	ELECTRICAL CONTACT CLEANER		1	11 OZ
RUST-OLEUM CORPORATION	ENAMEL SPRAY PAINT INTERIOR/EXTERIOR	RED	1	15 OZ
KRYLON PRODUCTS GROUP	ENVIRONMENTAL CONTACT CLEANER SO2302		1	11 OZ
MOBIL OIL COMPANY	EXTRA HEAVY SUPER CYLINDER OIL		1	55 GALLON
MOBIL OIL COMPANY	GEAR LUBE 375 NC		1	13 OZ
EXXON MOBIL OIL CORPORATION	GEAR LUBE 375 NC FORMULA OPEN GEAR		8	13 OZ
CONOCO PHILLIPS COMPANY	GEAR OIL #460		1	55 GALLON
CONOCO PHILLIPS COMPANY	GEAR OIL #680		1	55 GALLON
MOBIL OIL COMPANY	GEAR OIL 630		1	*NO SIZE*
CONOCO PHILLIPS COMPANY	GEAR OIL/LUBRICANT 460		2	*NO SIZE*
LUBRIPLATE COMPANY	GEAR SHIELD-EXTRA HEAVY		1	11 OZ
LUBRIPLATE COMPANY	GEAR SHIELD-EXTRA HEAVY EXTREME PRESSURE		1	11 OZ
AMERICAN REFINING COMPANY	GULF III H-AUTO. TRANS. FLUID		1	1 QUART
HAVILAND PRODUCTS COMPANY	HAVACOAT DEEP BLUE III		1	516 LB
HAVILAND PRODUCTS COMPANY	HAVASTER NCZ-HPC ZINC SOLUTION		2	55 GALLON
HAVILAND PRODUCTS COMPANY	HAVTECH ZNI MIX		5	55 GALLON
SPEEDY WHITE	HEARTH & STOVE CLEANER		1	1 GALLON
SPRAYON PRODUCTS	HEAVY DUTY CLEANER-GRADE		1	32 FL OZ
LUBRIPLATE COMPANY	HEAVY DUTY LITHIUM POLY GREASE #1241		10	14.5 OZ
GOLD EAGLE COMPANY	HEET-GAS LINE & WATER REMOVER ANTIFREEZE		2	12 FL OZ
HOUGHTON INTERNATIONAL, INC	HOCUT 797-E		1	2793
HAVILAND PRODUCTS COMPANY	HP CUBRITE KW		1	400 LBS
CRC INDUSTRIES	HYDRO FORCE		1	32 FL OZ
INTERNATIONAL CHEMICAL COMPANY	IC-922		1	55 GALLON
CRC INDUSTRIES	INDUSTRIAL CONTACT CLEANER & LUBE		1	10 OZ
I. C. C. INTERNATIONAL PRODUCTS	INTERNATIONAL COMPOUND #222-P		1	55 GALLON
INTERNATIONAL CHEMICAL COMPANY	INTERNATIONAL COMPOUND #2497		1	55 GALLON
BRAD PENN	ISO VG 220 5 EP		1	55 GALLON
AWAY CHEMICAL COMPANY	KON-TROLE w/ AT-8 MOLD PT-151		1	*NO SIZE*
HAVILAND PRODUCTS COMPANY	KP ELECTROKLEAN EXP		4	55 GALLON

AMMO DEPARTMENT 2017

BAUSH & LOMB	LENS CLEANER w/ WIPES	1	16 FL OZ
LOCTITE CORPORATION	LOCTITE 242 THREADLOCKER	2	.34 FL OZ
LUBRIPLATE COMPANY	LUBRIPLATE NO. 1242	7	14.5 OZ
SHARPIE	MAGNUM BLACK PERMANENT MARKER	2	*NO SIZE*
TRI-SERVE OLYMPIC OIL LTD	MASTER MECHANIC MOTOR OIL SAE 20	1	1 QUART
BRANSON	MC-I ULTRA SONIC CLEANING SOLUTION	1	1 GALLON
MOBIL OIL COMPANY	MOBIL OIL	1	55 GALLON
MOBIL OIL COMPANY	MOBIL PREMIUM LUBRCATIG GREASE	17	14 OZ
MOBIL OIL COMPANY	MOBIL VECTRA #4	1	55 GALLON
STA-LUBE	MOLY-GRAPH	1	14 OZ
DOW CORNING	MOLYKOTE 55 O-RING GREASE	1	5.3 OZ
LUBRIPLATE COMPANY	MULTI-PURPOSE GREASE NO. 930.2	1	14.5 OZ
CONOCO PHILLIPS COMPANY	MULTI-PURPOSE R & O 100	1	55 GALLON
CONOCO PHILLIPS COMPANY	MULTI-PURPOSE R & O 100	1	55 GALLON
FISKE BROTHERS REFINING COMPANY	MULTI-PURPOSE SYNXTREME HD 2	2	14.5 OZ
AMREX CHEMICAL COMPANY	MURIATIC ACID	12	15 GALLON
ARM & HAMMER DIVISION	NATRURAL BAKING SODA	1	4 LB
AMREX CHEMICAL COMPANY	NITRIC ACID	1	15 GALLON
GOLDEN ROD	OIL/LUBRICANT	1	1 PINT
GOJO INDUSTRIES, INC	ORANGE HAND CLEANER	1	64 FL OZ
EXPO-DRY ERASE MARKERS	ORANGE, BLUE, BROWN, RED, BLACK, GREEN	16	*NO SIZE*
XIAMETER	PMX-200 SILICONE FLUID	1	1 GALLON
EXXON MOBIL OIL CORPORATION	POLYREX EP2 GREASE PREMIUM POLYUREA	10	14.1 OZ
STP PRODUCTS COMPANY	POWER STEERING FLUID	1	32 FL OZ
GPM	PREMIUM DÉCOR-ACRYLIC	CLEAR	11.5 OZ
LOCTITE CORPORATION	PRIMER T LOCQUIC	1	6 OZ
HENKEL CORPORATION	PRISM LOCTITE 401	1	.70 OZ
LOCTITE CORPORATION	QUICK METAL	1	1.69 FL OZ
UNITED STATES CHEMICAL COMPANY	RADIANT 50L	2	55 GALLON
STAPLES OFFICE SUPERSTORE, LLC	REMARX DRY ERASE MARKER	BLACK	*NO SIZE*
P. D. I. PROFESSIONAL DISPOSABLES, INC	SANI HANDS ALC	1	135 WIPES
DEB, INC	SBS-40 MEDICATED SKIN CREAM	1	5 FL OZ
3M COMPANY	SCOTCH WELD LO100	1	1 OZ
KOLOCURE	SENSITIZER #7 (8209)	1	1 GALLON
SOPUS PRODUCTS/SHELL	SHELLZONE-ANTIFREEZE/COOLANT	1	1 GALLON
OATLEY X-15	SHOWER PAN LINER REMOVER	2	16 FL OZ
SPRAYON PRODUCTS	SILICONE RELEASE AGENT-MR305	1	12 OZ
CONOCO PHILLIPS COMPANY	SLIDE WAY LUBE #68	1	55 GALLON
SUPERISE GRAPHITE	SLIP PLATE-DRY FILM LUBRICANT	1	12 OZ
LOCTITE CORPORATION	SPEEDBONDER 324	1	4 FL OZ
SAFETY-KLEEN GROUP	SPRAY PENETRANT/LUBRICANT	1	12 OZ
SHERWIN WILLIAMS COMPANY	SPRAYON SILICONE LUBE. SOO206	1	10 OZ
WEBCO CHEMICAL COMPANY	SR601 NC	1	55 GALLON
SPRAYON PRODUCTS	STAINLESS STEEL CLEANER	1	17 OZ
AMREX CHEMICAL COMPANY	SULFURIC ACID 66° BE	1	15 GALLON
CONOCO PHILLIPS COMPANY	SUPER HYDRAULIC #68	1	55 GALLON
CONOCO PHILLIPS COMPANY	SUPER HYDRAULIC 400	1	55 GALLON
CONOCO PHILLIPS COMPANY	SUPER HYDRAULIC OIL 32	1	55 GALLON
CMS-COMMERCIAL MAINTENACE SUPPLY	SUPER SOLVENT U-C	1	55 GALLON
PARKER	SUPER-O-LUBE	1	2 OZ
SWIFFER	SWEEPER WIPES-CLEANER	1	12 COUNT CONTAINER
SAFETY TRACK	TAPE/ADHESIVE (12E848)	1	1 ROLL/*NO SIZE*
DISTEC, INC	TFL 50 DRY LUBRICANT	1	10 OZ
HEATBATH PARK	UNIKLEEN 14-B	1	40 LB
KOLOCURE	UV CURABLE PRINTING INKS	1	1 GALLON
KOLOCURE	UVW-80-SCREEN PROCESS WASH ULTRA VIOLET	1	5 GALLON
NOVA GARD	VERSILUBE-LUBRICATING GREASE	1	5.3 OZ
K.O. LEE COMPANY	WAY LUBRICANT NO. 2689	1	1 QUART
BRAD PENN	WAYOIL ISO VG 220	1	55 GALLON

AMMO DEPARTMENT 2017

WD-40 COMPANY
AMREX CHEMICAL COMPANY

WD-40 LUBRICANT
ZINC ANODES

2
2

20 OZ
250 WEIGHT

ROCKWELL ROOM 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
MOBILE OIL COMPANY	BTE LIGHT OIL		1	1 PINT
JACKSON WELDING SUPPLY	CO2		1	MED TANK
SPRAYON PRODUCTS	ELECTRICAL CONTACT CLEANER EL 2302		1	11 OZ
SPRAYON PRODUCTS	HEAVY DUTY SILICONE RELEASE AGENT MR 305		1	12 OZ
SPRAYON PRODUCTS	HEAVY DUTY CITRUS DEGREASER		1	16 OZ

MAINTENANCE SHOP 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
DOW CORNING	732 MULTI-PURPOSE SEALANT		6	10.1 FL OZ
BURNDY	A-13 PENETRAX ELECTRICAL JOINT COMPOUND		1	8 FL OZ
SPRAY RITE PRODUCTS, INC	ALL PURPOSE SPRAY ADHESIVE		1	12 OZ
SHELLZONE	ANTIFREEZE/COOLANT		3	1 GALLON
DAP, INC	BONDEX QUICK PLUG HYDRAULIC CEMENT		1	5 LB
CRC INDUSTRIES	BRAKLEEN-BRAKE PARTS CLEANER		6	14 OZ
SPEEDY WHITE	BUL CLEANER		1	1 GALLON
SPEEDY WHITE	BULLDOG CLEANER		1	1 GALLON
CLR	CALCIUM, LIME, RUST		1	128 FL OZ
PROTECT-ALL, INC	CHAMPIONS CHOICE CHAIN LIFE SPRAY LUBE		1	1 LB, 1 OZ
FUCHS-LUBRITECH	CHEMPLEX 710 HIGH TEMP SILICONE GREASE		1	1 LB
SPECIALTY LUBRICANT CORPORATION	CHUCK-EEZ POWER CHUCK LUBRICANT		2	16 OZ
SHELLZONE	CLEAN ENGINE FORMULA SAE 10W-40 MOTOR OIL		2	1 QUART
CADI COMPANY, INC	COPPR-LUBE ANTI-SEIZE CONDUCTIVE COMPOUND		1	1 LB
HOUGHTON INTERNATIONAL, INC	COSMOLUBE 615 METAL LUBRICANT		1	1 LB
SPEEDY WHITE	CUTTING OIL 680		1	1 GALLON
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH		1	10 OZ
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH		2	12 OZ
ILSCO/UTILCO	DE-OX OXIDE INHIBITORS		4	4 OZ
EPCON-EPOXY ANCHORING SYSTEMS	DERRINGER CERAMIC 6 EPOXY		3	1.7 FL OZ
GUMOUT PRODUCTS	DOT 3 BRAKE FLUID		1	32 FL OZ
RECTORSEAL	DRY 5 SOFT SEAL PIPE THREAD SEALANT		1	8 FL OZ
FALCON SAFETY PRODUCTS	DUST OFF-DUSTER (CAN AIR)		1	10 OZ
SPRAYON PRODUCTS	ELECTRICAL CONTACT CLEANER EL2302		2	11 OZ
RUST-OLEUM INDUSTRIAL BRANDS	ENAMEL		1	15 OZ
MOBIL OIL COMPANY	EPS GREASE		1	*NO SIZE*
ND INDUSTRIES	FORMULA 3		1	1 FL OZ
HIGHSIDE CHEMICALS, INC	GAS LEAK DETECTOR		1	8 FL OZ
MOBIL OIL COMPANY	GEAR LUBE 375 NC		4	13 OZ
CONOCO PHILLIPS COMPANY	GEAR OIL 460		4	5 GALLON
LUBRIPLATE DIVISION	GEAR SHIELD EXTRA HEAVY		2	11 OZ
CONOCO PHILLIPS COMPANY	GREASE 680		1	*NO SIZE*
RANDO 32	GREASE/OIL 32		1	1 GALLON
DOW CHEMICAL COMPANY	GREAT STUFF GAPS & CRACKS		1	12 OZ
KENDALL	GT-1 HIGH PERFORMANCE SAE 40		1	1 QUART
GULF OIL COMPANY	HD 220		3	*NO SIZE*
SPEEDY WHITE	HEARTH & STOVE CLEANER		1	1 GALLON
SCOTCH 3M	HEAVY DUTY CONTACT CLEANER		1	574 GRAMS
SHERWIN WILLIAMS COMPANY	HEAVY DUTY SILICONE SOO305		1	12 OZ
LOCTITE CORPORATION	HYDRAULIC SEALANT		1	1.69 FL OZ
GULF OIL COMPANY	III H AUTOMATIC TRANSMISSION FLUID		1	1 QUART
RUST-OLEUM INDUSTRIAL BRANDS	INVERTED STRIPING PAINT	YELLOW	1	18 OZ
NO LABEL	ISOPROPYL ALCOHOL		1	*NO SIZE*
SHERWIN WILLIAMS COMPANY	KRYLON INTERIOR/EXTERIOR PAINT		1	10 OZ
BAUSCH & LOMB	LENS & MIRROR CLEANER w/ WIPES		1	16 FL OZ
CRC INDUSTRIES	LITHIUM GREASE	WHITE	1	10 OZ
LOCTITE CORPORATION	LOCTITE 271 THREADLOCKER		1	1.69 FL OZ
LOCTITE CORPORATION	LOCTITE 712 THREADLOCKER		1	.70 OZ
LUBRIPLATE DIVISION	LUBRIPLATE NO. 1242		1	*NO SIZE*
BRANSON	MC-1 ULTRA SONIC CLEANING SOLUTION		4	1 GALLON
OATELY	MED PVC CEMENT	CLEAR	1	16 FL OZ
MOBIL OIL COMPANY	MISTY SUPER IMPACT GREASE		1	*NO SIZE*
MOBIL OIL COMPANY	MOBIL ER2		1	*NO SIZE*
MOBIL OIL COMPANY	MOBILUX EP 2		1	*NO SIZE*
MOBIL OIL COMPANY	MOBILUX EPO GREASE		1	35 LB
MOBIL OIL COMPANY	MOBILUX EP1		1	*NO SIZE*
CRC INDUSTRIES	MOLY-GRAPH EXTREME PRESSURE MULTI-PURPOSE GREASE		1	14 OZ
LUBRIPLATE DIVISION	NO. 930-2 MULTI-PURPOSE GREASE		1	14.5 OZ
KENDALL	NON-DETERGENT MOTOR OIL SAE 30		1	1 QUART
KENDALL	NS-MP HYPOID GEAR LUBE SAE 80W-90		1	*NO SIZE*
RECTORSEAL	ODOR FREE 5 IMMEDIATE PRESSURIZATION SEALANT SPECIAL THREAD		1	1 PINT
SWECO	OPTIMOL LONGTIME PD2		1	*NO SIZE*
MOBIL OIL COMPANY	PLATE GREASE		1	*NO SIZE*
OATELY	PLUMBER'S PUTTY		1	14 OZ
PRESTONE 50/50	PREDILUTED ANTIFREEZE/COOLANT		1	1 GALLON
OATELY	PRIMER FOR CPVC, PVC #30752	CLEAR	1	16 FL OZ

MAINTENANCE SHOP 2017

WORTHINGTON	PROPANE		1	14.1 OZ
LOCTITE CORPORATION	RC/680 RETAINING SEALANT		1	8.45 FL OZ
RECTORSEAL	REGULAR PASTE FLUX		1	1.7 OZ
DOW CORNING	RTV SEALANT 736	RED	1	3 FL OZ
MOBIL OIL COMPANY	SAC 634		1	*NO SIZE*
SUPERIOR GRAPHITE COMPANY	SLIP PLATE NO. 1		1	1 QUART
ESPS-ENVIRON. & SAFETY PRODUCTS SOURCE	SPRAY GLUE		1	10 OZ
SHERWIN WILLIAMS COMPANY	SPRAYON SOO206 SILICONE LUBE		1	10 OZ
J.B. INDUSTRO WELD	STEEL		2	5 OZ
ITW DYKEM CORPORATION	STEEL BLUE LAYOUT FLUID		1	8 FL OZ
GULF OIL COMPANY	SUPER DUTY EP GREASE		1	14 OZ
GULF OIL COMPANY	SUPER DUTY EP2 GREASE		1	5 GALLON
NO LABEL	SUPER HYDRAULIC 46		1	*NO SIZE*
CONOCO PHILLIPS COMPANY	SUPER HYDROCLEAR 32		1	*NO SIZE*
PARKER	SUPER-O-LUBE		1	2 OZ
MILWAUKEE SPRAYER COMPANY	SURE SHOTS		1	*NO SIZE*
MOBIL OIL COMPANY	SYNTHETIC LUBRICANT		1	5 GALLON
LUBRIPLATE DIVISION	SYNXTREME HD-2 SYNTHETIC LUBRICANT		1	14.5 OZ
SPIRAKUT PRODUCTS	TACKI-PRESSURE ASHESIVE FOR ABRASIVE DISCS		1	16 FL OZ
NO LABEL	TEMPEST		1	5 GALLON
RUST-OLEUM INDUSTRIAL BRANDS	UPSIDE DOWN STRIPING PAINT		1	18 OZ
ALLPRO CORPORATION	WALL COVERING ADHESIVE		1	1 GALLON
J.B. INDUSTRO WELD	WELD HARDENER		3	5 OZ
IPS CORPORATION	WELD-ON 711 PVC	GREY	1	1 QUART
IPS CORPORATION	WELDON P-68 PRIMER		1	1 QUART
IPS CORPORATION	WELD-ON P-68 PRIMER		4	1 QUART
IPS CORPORATION	WELD-ON PLASTIC PIPE PRIMER P70 (PVC,CPVC)		1	16 FL OZ
IDEAL INDUSTRIES	WIRE LUBRICANT		1	1 GALLON
TRI-CHEM CORPORATION	WRENCH EASE (NUT & BOLT RELEASE)		3	11 OZ
GUNK	TRANSMEDIC		1	12 OZ
BRAD PENN	SYNTHETIC BLEND MOTOR OIL 10W-30		13	32 OZ
MOBIL OIL COMPANY	SHCPM 460 GREASE		6	13.7 OZ
BUSCH	R580 VACUUM PUMP OIL		4	32 OZ
3M BONDO	BODY FILLER		4	7 LBS
LPS	HEAVY DUTY RUST INHIBITOR		1	11 OZ
RED HEAD	EPON A7		2	
LOC QUIC	PRIMER T		1	6 OZ
HAMMERLITE	WAXOYL		1	400 ML
DEM-KOTE	FLAT BLACK		1	10 OZ
POWER FASTENERS	HAMMER CAPSULE		1	

TOOLING ROOM 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
MOBILE OIL COMPANY	#2 VACTRA		1	*NO SIZE*
MOBIL OIL COMPANY	#4 VACTRA		1	*NO SIZE*
SCOTCH 3M	924 ADHESIVE TRANSFER TAPE		10	1 ROLL PER BOX
ITW ROCOL NORTH AMERICA	ACCU-LUBE GEL PASTE		1	8 OZ
SILARR EN	ADHESIVE		1	1 PINT
KNOCK DOWN	BALL CITRUS CLEANER/DEGREASER		1	5 GALLON
BEASER SWISSLUBE	BLASOCLEAN 4322		1	1 GALLON
MEYER	BS-55 CLEANER		1	20 OZ
MITCHEL-BRADFORD CHEMICAL CO	BURNISHING COMPOUND FOR BRASS		1	*NO SIZE*
LOCTITE CORPORATION	CLOVER COMPOUND		2	16 OZ
AGS	CUT EASE		1	1 LB
IN SMALL RED CANBAN	CUTTING OIL		1	3 FL OZ
WILSON MECHANICAL INSTRUMENT DIVISION	DASH POT OIL		1	1/2 PINT FL
AMPLEX CORPORATION	DIAMOND COMPOUND GRADE 10 TYPE WS		1	10 GRAMS
AMPLEX CORPORATION	DIAMOND COMPOUND GRADE 3 TYPE WS		1	101 GRAMS
AMPLEX CORPORATION	DIAMOND COMPOUND GRADE 30 TYPE WS		1	10 GRAMS
AMPLEX CORPORATION	DIAMOND COMPOUND GRADE 9 TYPE WS		1	10 GRAMS
WILSON MECHANICAL INSTRUMENT DIVISION	EEL-SKID ELEVATING UNITS HARDNESS TESTER		1	1/2 PINT FL
ITW DEVCON CORPORATION	F1-10 PRIMER-PRIMES FLEXANE TO METAL		2	1/4 PINT
RUST-OLEUM CORPORATION	FINISH-HARD HAT		1	15 OZ
DEVCON CORPORATION	FLEXANE 80 LIQUID 15800		1	1 LB
DEVCON CORPORATION	FLEXANE 94 LIQUID 15250		1	1 LB
DEVCON CORPORATION	FLEXANE PRIMER FOR METAL w/ HARDENER		1	1/4 LB
KASENIT COMPANY	HARDING COMPOUND (IRON & STEEL)		1	5 LB
SPEEDY WHITE	HEARTH & STOVE CLEANER		1	1 GALLON
NO LABEL	HEAT TREAT QUENCHING OIL		1	2 GALLON
CRC INDUSTRIAL	LITHIUM GREASE	WHITE	2	10 OZ
LOCTITE CORPORATION	LOCTITE 242 THREADLOCKER		2	*NO SIZE*
LOCTITE CORPORATION	LOCTITE 271 ADHESIVE/SEALANT		1	1.69 FL OZ
LOCTITE CORPORATION	LOCTITE 271 THREADLOCKER		1	1.69 FL OZ
LUBRIPLATE DIVISION	LUBE PLATE GREASE		1	16 OZ
WORTHINGTON	MAP/PRO		1	14.1 FL OZ
LA-CO INDUSTRIES	MARKAL PAINTSTIK MARKERS		6	1 MARKER PER BOX
NO LABEL	METHANOL		1	*NO SIZE*
MOBIL OIL COMPANY/PRESSOL	MOBIL GEAR OIL 628		1	1 PINT
LUBRIPLATE DIVISION	NO. 1200-2 MULTI-PURPOSE GREASE		1	14.5 OZ
SPRAYON PRODUCTS	NSF ELECTRICAL CONTACT CLEANER		1	11 OZ
TRI-CHEM CORPORATION	ORANGE SOLVE		1	10 GALLON
COLOR GUARD	PAINT THINNER		1	1 QUART
SMOOTH-ON, INC	PART A PMC-780 RUBBER MOLD COMPOUND		1	2 LB
SMOOTH-ON, INC	PART B PMC-780 RUBBER MOLD COMPOUND		1	1 LB
DEVCON CORPORATION	PASTE RELEASE AGENT		1	1 PINT
DEVCON CORPORATION	PASTE TOOLING COMPOUNDS		1	1 PINT
LOCTITE CORPORATION	PERMANENT THREADLOCKER 262		1	8.45 FL OZ
VALUMED	PETROLEUM JELLY		1	1 LB
AZLON	RIPLOK		1	*NO SIZE*
CASTROL INDUSTRIAL	SAFETY DRAW CUTTING LUBRICANT 722X		1	16 OZ
BAUSCH & LOMB	SIGHT SAVERS w/ WIPES		1	16 FL OZ
ITW DYKEM CORPORATION	STEEL RED LAYOUT FLUID		1	4 FL OZ
DOALL	TAPPING CREAM		1	8 OZ
NALCO	TC35075 (TECH COOL 35075)		1	1 GALLON
IPG INDUSTRIAL PRODUCTS GROUP	THE CLEANER		1	5 GALLON
DEVCON CORPORATION	TITANIUM PUTTY 10760		1	1 LB
WD-40 COMPANY	WD-40 LUBRICANT		1	11 OZ
IPS CORPORATION	WELDON #16 THICKENED CEMENT ACRYLIC SHEET	CLEAR	2	5 FL OZ

ELECTRICAL DISCHARGE MACHINE ROOM (EDM) 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
NO LABEL	1.1 HCL		1	4 OZ
CIMPERIAL	1011J METAL WORKING OIL	GREEN	2	*NO SIZE*
UNILLOON	4-B		1	5 GALLON
HUSKY	535 WATERLESS LOTION SKIN CLEANER		1	1 GALLON
SUPER AQUATONE	6M 360-FLOOR WAX		1	55 GALLON
ITW ROCOL NORTH AMERICA	ACCU-LUBE GEL PASTE		1	8 OZ
MARIATIC	ACID 50%		1	*NO SIZE*
VALCOOL	ALCOHOL VNT 650		1	5 GALLON
LUBRICATION ENGINEERS, INC	ALMAPLEX 1275 INDUSTRIAL LUBRICANT		1	14 1/2 OZ
MONROE FLUID TECHNOLOGY	ASTRO-CLEAR 2001E		1	*NO SIZE*
MEYER	BS-55 CLEANER		1	20 OZ
CIMPERIAL	CLEANER		1	20 OZ
CLEAN CHECK	COMMERCIAL SPRAYER		1	20 OZ
CRONATION WELDING SYSTEMS, INC	CRONACLEAN II-WELD SURFACE DEGREASER		1	15.75 OZ
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH	BRIGHT YELLOW	1	12 OZ
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH	RED	1	12 OZ
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH	MACHINE GREY	1	*NO SIZE*
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH 1VK3	FLAT BLACK	1	10 OZ
NO LABEL	DIE SET LUBE		1	2 GALLON
TRIM-MASTER CHEMICAL COMPANY	E206 LONG LIFE EMULSION		2	41 LB/55 GALLON
RUST-OLEUM CORPORATION	FAST DRY INDUSTRIAL COATINGS	FLAT WHITE	1	15 OZ
RUST-OLEUM CORPORATION	FAST DRY-HARD HAT SPRAY PAINT	BROWN	1	15 OZ
RUST-OLEUM CORPORATION	FAST DRY-HARD HAT SPRAY PAINT	SAFETY GREEN	1	15 OZ
RUST-OLEUM CORPORATION	FAST DRY-HARD HAT SPRAY PAINT	SAFETY RED	1	15 OZ
RITE AID CORPORATION	HAND SANITIZER		1	4 FL OZ
VALSPAR-MEDALLION	INTERIOR SEMI GLOSS CLEAR BASE		2	857 ML
GREENBRIER INTERNATIONAL, INC	ISOPROPYL ALCOHOL		1	16 FL OZ
DIAMOND	LAP THINNER		1	*NO SIZE*
LOCTITE CORPORATION	LOCTITE 271 THREADLOCKER		2	1.69 FL OZ
LOCTITE CORPORATION	LOCTITE RC/609		1	1.69 FL OZ
LUBRIPLATE DIVISION COMPANY	LUBRICATING GREASE		1	14 1/2 OZ
MOBIL OIL COMPANY	LUBRICATING GREASE		1	12.5 OZ
NORTON COMPANY	LUBRICATING OIL		1	*NO SIZE*
FISKE BROTHERS REFINING COMPANY	LUBRIPLATE-SUPER LUBE NO. 1200-2		1	5 GALLON
METHANOL	METHANOL ALCOHOL		3	*NO SIZE*
MOBIL OIL COMPANY	MOBIL GREASE SPECIAL PREMIUM w/ MOLY		1	14 OZ
MOBIL OIL COMPANY	MOBIL VACTO OIL NO. 2		1	1 GALLON
MOBIL OIL COMPANY	MOBIL VELOCITE OIL NO. 3		1	5 GALLON
EXXON MOBIL OIL CORPORATION	MOBILITH SHC PM 460 SYNTHETIC GREASE		1	13.7 OZ
BOSTIK	NEVER SEEZ ANTI SEIZE & LUBRICATING COMPOUND		1	1 LB
RECTORSEAL	ODOR FREE 5 SPECIAL IMMEDIATE PRESSURE PIPE THREAD SEALANT		1	1 PINT
CONOCO PHILLIPS CORPORATION	R & O 32 OIL		1	*NO SIZE*
PROFESSIONAL DISPOSABLES INTERNATIONAL, INC	SANI-HANDS ALC WIPES		1	100 WIPES PER CONTAINER
CLEVELAND TECHNICAL CENTER, INC	SPECTRA CHECK		1	*NO SIZE*
GABRIEL SERVICE & SUPPLY	SPEEDY WHITE- GRANITE SURFACE CLEANER		1	20 OZ
SAFETY-KLEEN COMPANY	SPRAY PENETRANT		1	12 OZ
SHERWIN WILLIAMS COMPANY	SPRAYON SO2303 ENVIRONMENTAL CONTACT CLEANER		2	11 OZ
DIVERSIFIED BRANDS	SPRAYON SOO305 HEAVY DUTY SILICONE		1	12 OZ
DIVERSIFIED BRANDS	SPRAYON SOO757 CITRUS DEGREASER		1	16 OZ
DIVERSIFIED BRANDS	SPRAYON SOO885 STAINLESS STEEL CLEANER		1	17 OZ
WELCH CHEMICALS COMPANY	STP		1	*NO SIZE*
MARCAS REGISTRADAS	SYNTHETIC LUBRICATING GREASE		1	12.5 OZ
THOMPSON'S COMPANY DIVISION	TRI-FLOW w/ TEFLON		1	12 OZ
FLUORAMICS, INC	TUFOIL-LIGHTNING GREASE		2	1 LB
MINWAX COMPANY	WOOD FINISH-PENETRATES, STAINS & SEALS		1	8 FL OZ
TRU-TEST	XO RUST INDUSTRIAL ENAMEL		2	1 QUART

TREATMENT BUILDING 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
	0.1 N Hydrochloric Acid		1	500 mL
	0.1 N Sodium Hydroxide		1	250 mL
	0.1 N Sulfuric Acid		1	500 mL
	0.25 N Hydrochloric Acid		1	250 mL
	0.5 N Hydrochloric Acid		1	100 mL
	1 N Hydrochloric Acid		1	250 mL
	1 N Sodium Hydroxide		2	50 mL
	1 N Sulfuric Acid		2	250 mL
	1.1 N Hydrochloric Acid		1	500 mL
	1.1 N Hydrochloric Acid		1	100 mL
	10% MURIATIC ACID (CLEANER)		1	55 GALLON
Rochester Midland Corp	1318E POLYMER		1	43 LB
Rochester Midland Corp	1388L MidFloc Coagulant		1	55 GALLON
	5 N Sodium Hydroxide		2	100 mL
	5 N Solution		1	250 mL
J. T. BAKER	5.5' INDIGODISULFANIC ACID DISODIUM SALT		2	100 GRAMS
J. T. BAKER	Acetic ACID		1	250 mL
VWR INTERNATIONAL	Acetic ACID		2	2.5 L
ALCONOX, INC	ALCONOX POWERED PRECISION CLEANER		1	4 LB
Lab Chem Inc	AMMONIUM CHLORIDE GRANULAR		1	500 GRAMS
SPECTRUM	AMMONIUM HYDROXIDE		2	2.5 LITERS
DRIRITE	ANHYDROUS CALCIUM SULFATE		1	1 LB
VWR INTERNATIONAL	ARISTAR HYDROCHLORIC ACID		1	2.5 L
GULF OIL COMPANY	AUTOMATIC TRANSMISSION FLUID		1	1 QUART
	Bromophenol Blue Indicator		1	20 mL
	BS-55 CLEANER		1	20 OZ
MEYER	CuVer		2	PACK OF 100
HACH COMPANY	CYCLOHEXANONE		2	1000 mL
HACH COMPANY	CYCLOHEXANONE		1	100 mL
HACH COMPANY	CYCLOHEXANONE		1	100 mL
CORAL CHEMICAL COMPANY	DEFOAM 140		1	2.3 L
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH		2	10 OZ
J. T. BAKER	EDTA, DISODIUM SALT, DIHYDRATE CRYSTAL		1	500 GRAMS
Sprayon	Electric Cleaner S02302		1	11 oz
J. T. BAKER	ERIOCHROME BLACK T POWDER		1	25 GRAMS
CDI	FERRIC CHLORIDE SOLUTION 30		1	55 GALLON
HACH COMPANY	FerroVer		2	PACK OF 100
J. T. BAKER	FORMALDEHYDE 37% SOLUTION		5	500 ML
Macron	Hydrochloric Acid		1	2.5 L
AMREX CHEMICAL COMPANY	LIQUID CAUSTIC SODA 25%		2	330 GALLON
NO LABEL	METHYL ORANGE INDICATOR		1	250 mL
J. T. BAKER	METHYL ORANGE, SODIUM SALT POWDER		2	30 GRAMS
AMREX CHEMICAL COMPANY	NITRIC ACID		1	KEG
J. T. BAKER	Nitric Acid		1	250 mL
Rochester Midland Corp	NITRIC ACID		2	5 GALLON
	Nitric Acid		1	2.5 L
OAKTON	PH. 10.01 BUFFER		1	4 LITERS
OAKTON	PH. 4.01 BUFFER		1	4 LITERS
OAKTON	PH. 7.00 BUFFER		1	4 LITERS
VWR INTERNATIONAL	PHENOLPHTHALEN INDICATOR, 1% ALCOHOL		1	4 LITERS
J. T. BAKER	POTASSIUM CHLORIDE POWDER		1	500 GRAMS
BAUSCH & LOMB	SIGHT SAVERS w/ WIPES		1	16 FL OZ
VWR INTERNATIONAL	SODIUM CHLORIDE		3	500 GRAMS
J. T. BAKER	SODIUM CYANIDE, GRANULAR		1	2 KG
	SODIUM HYDROXIDE		2	approx 500 g
Rustoleum	Spray Enamel		1	15 oz
J. T. BAKER	Sulfuric Acid		4	500 mL
AMREX CHEMICAL COMPANY	SULFURIC ACID 50%		2	330 GALLON
CMS	Super Solvent IIC		1	55 GALLON
HACH COMPANY	TitreVer EDTA		1	500g
MAX 20+	UNIVERSAL CLEANER		6	1 GALLON
COLE-PALMER INSTRUMENT COMPANY	WATER SOLUBLE FLUORESCENT DYE TABLETS MODEL 295-17		200 TABLETS	1 CONTAINER
Industrial	Work Day ALKYD Enamel Spray Paint		1	10 oz
Tri-Chem Corp	Wrench-Ease (Nut & Bolt Release)		2	11 oz
	Zinc Standard Solution		1	50 mL
HACH COMPANY	ZincoVer		3	PACK OF 100

TOOL CRIB 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
LUBRICATION ENGINEERS, INC	3752 ALMAGARD VARI PURPOSE LUBRICANT		11	14.1 FL OZ
RECTORSEAL	5-PIPE THREAD SEALANT		1	1 PINT
COSMO LUBE	615 METAL LUBRICANT		2	16 OZ
DOW CORNING	732 MULTI PURPOSE SEALANT		19	10.1 OZ
HEWLETT PACKARD COMPANY	74A	BLACK	1	1 CARTRIDGE
CONOCO PHILLIPS COMPANY	ALL SEASON MOTOR OIL SAE 10W-40		1	1 QUART
MEYER	BS-55 CLEANER		1	55 GALLON
KATUN PERFORMANCE	CANON TONE 220012200G	BLACK	1	1 CARTRIDGE
PENTEL	CLIC ERASER RETRACTABLE		1	3 PACK
BEROL VERITHIN	COLORED PENCILS	VARIETY	1	12 PACK
ENVIRONMENTAL & SAFETY PRODUCTS SOURCE	CORE SPRAY GLUE		1	10 OZ
STAPLES OFFICE SUPERSTORE, LLC	CORRECTION TAPE	WHITE	25	5MM X 8M
BROTHER INTERNATIONAL CORPORATION	CRACK & PEEL TAPE TZ TAPE ELECTRICAL LABORATORY SYSTEM	YELLOW/BLACK	5	1 IN X 26 FT
GRAINGER INDUSTRIAL SUPPLIES	DEM-KOTE ENAMEL FINISH	FLAT BLACK	9	10 OZ
BROTHER INTERNATIONAL CORPORATION	DR-250 DRUM UNIT	BLACK	1	1 CARTRIDGE
STAPLES OFFICE SUPERSTORE, LLC	DURAMARK PERMANENT MARKER	RED	1	12 PACK
TURBO BRAZE CORPORATION	E8B5W-99TO-P3		2	50 OZ
RUST-OLEUM CORPORATION	ENAMEL INDUSTRIAL SPRAY PAINT	INTERNATIONAL HARVESTER RED	1	15 OZ
SPRAYON PRODUCTS	HEAVY SILICONE RELEASE AGENT		5	12 OZ
BIC COMPANY	HIGHLIGHTER	YELLOW	2	12 PACK
BIC COMPANY	HIGHLIGHTER	GREEN	8	12 PACK
BIC COMPANY	HIGHLIGHTER	PINK	11	12 PACK
BIC COMPANY	HIGHLIGHTER	BLUE	2	12 PACK
HEWLETT PACKARD COMPANY	HP DESKJET COMBO 15/78	BLACK/TRI COLOR	1	2 CARTRIDGE
HEWLETT PACKARD COMPANY	HP INKJET PRINT CARTRIDGE 15	BLACK	1	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP INKJET PRINT CARTRIDGE 20	BLACK	1	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP INKJET PRINT CARTRIDGE 23	TRI COLOR	3	30 ML/CARTRIDGE
HEWLETT PACKARD COMPANY	HP INKJET PRINT CARTRIDGE 26	BLACK	1	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP INKJET PRINT CARTRIDGE 49	TRI COLOR	3	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP INVENT C8721W-02-PT		1	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP INVENT C8774W-02-PX		2	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP INVENT PRINT CARTRIDGE 29	BLACK	1	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP INVENT PRINT CARTRIDGE 75	TRI COLOR	1	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP DESKJET 61	TRI COLOR	1	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP LASER JET O5A	BLACK	3	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP PHOTOSMART 02	LIGHT MAGENTA	1	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP PHOTOSMART 02 XL	MAGENTA	4	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP PHOTOSMART-02+02	BLACK	2	2 PK CARTRIDGE
HEWLETT PACKARD COMPANY	HP PRINT CARTRIDGE 78	TRI COLOR	1	19 ML/CARTRIDGE
HEWLETT PACKARD COMPANY	HP PRINT CYON-02XL		2	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP PRINTER CARTRIDGE 15	BLACK	2	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP PRINTER CARTRIDGE 23	TRI COLOR	2	1 CARTRIDGE
HEWLETT PACKARD COMPANY	HP PRINTER CARTRIDGE 97	TRI COLOR	1	1 CARTRIDGE
CRC INDUSTRIES, INC	HYDRO-FORCE GLASS CLEANER		1	32 FL OZ
STAPLES OFFICE SUPERSTORE, LLC	INVISIBLE TAPE	CLEAR	20	12 PACK/19 MM X 32.9 M
TZ TAPE	LAMINATED	WHITE	1	6 MM X 1/4"
LOCTITE CORPORATION	LOCQUIC PRIMER N		1	1 GALLON

TOOL CRIB 2017

LOCTITE CORPORATION	LOCTITE 222 THREADLOCKER		1	8.45 FL OZ
LOCTITE CORPORATION	LOCTITE 242 THREADLOCKER		9	.34 FL OZ
HENKEL CORPORATION	LOCTITE 271 HIGH STRENGTH THREADLOCKER		3	1.69 FL OZ
HENKEL/LOCTITE CORPORATION	LOCTITE 272 THREADLOCKER		3	1.69
CYBERBOND, LLC	LOCTITE 635/7636 RETAINING COMPOUND		2	50 ML
LOCTITE CORPORATION	LOCTITE 7471 PRIMER		1	1.75 FL OZ
3M COMPANY	LOW ODOR SCOTCH WELD INSTANT ADHESIVE		11 BOXES	1 OZ, 10 BOTTLES PER BOX
SANFORD CORPORATION	LP EXPO FINE TIP MARKER	BLACK	1	12 PACK
AVERY DENNISON OFFICE PRODUCTS	MARKS-A-LOT PERMANENT BOLD MARKER	BLACK	1	NO SIZE
AVERY DENNISON OFFICE PRODUCTS	MARKS-A-LOT PERMANENT LG. MARKER	BLUE	1	12 PACK
MOBIL OIL COMPANY	MOBIL GEAR LUBE 375 NC		3	13 OZ
GULF OIL COMPANY	MOLY GREASE		1	14 OZ
SANFORD CORPORATION	PEEL OFF CHINA MARKER	BLACK	2	12 PACK
SANFORD CORPORATION	PEEL OFF CHINA MARKER	WHITE	4	12 PACK
BIRCHWOOD LABORATORIES	PERMA BLUE LIQUID GUN BLUE		1	14 OZ
BIRCHWOOD LABORATORIES	PRESTO GUN PEN	BLUE	3	NO SIZE
HEWLETT PACKARD COMPANY	PRINT CARTRIDGE 17	TRI COLOR	2	15 ML/CARTRIDGE
HEWLETT PACKARD COMPANY	PRINT CARTRIDGE 33	BLACK	1	30 ML/CARTRIDGE
HEWLETT PACKARD COMPANY	PRINT CARTRIDGE 95	TRI COLOR	2	2 PK CARTRIDGE
CLEARCO PRODUCTS COMPANY, INC	PURE SILICONE FLUID 350 CST		3	1 GALLON
PILOT CORPORATION	REFILLS FOR DR. GRIP		2	2 PACK
PILOT CORPORATION	REFILLS FOR DR. GRIP MEDIUM POINT	BLACK	2	1.00 MM
PILOT CORPORATION	REFILLS FOR DR. GRIP MEDIUM POINT	RED	2	1.00 MM
RECITT BENCKIER, INC	RESOLVE TRIPLE ACTION CLEANER		1	22 FL OZ
STAPLES OFFICE SUPERSTORE, LLC	RETRACTABLE BALL POINT PEN	RED	1	12 PACK/1.0 MM
STAPLES OFFICE SUPERSTORE, LLC	RETRACTABLE BALL POINT PEN	BLACK	1	12 PACK/1.0 MM
SANFORD CORPORATION	ROLL ON STAMP PAD INKER	BLUE	2	2 FL OZ
SANFORD CORPORATION	ROLL ON STAMP PAD INKER	RED	3	2 FL OZ
NEWELL RUBBERMAID OFFICE SUPPLIES	SHARPIE FINE POINT	BLACK	2	12 PACK
SANFORD CORPORATION	SHARPIE FINE POINT	BLUE	1	12 PACK
NEWELL RUBBERMAID OFFICE SUPPLIES	SHARPIE FINE POINT	RED	1	12 PACK
SAVAGE RANGE SYSTEMS	SNAIL LUBRICANT SUPER CONCENTRATE		5	NO SIZE
TRAVABON L	SPECIAL PROTECTIVE SKIN CREAM		6	33.82 FL OZ
CRC INDUSTRIES, INC	STA-LUBE EXTREME PRESSURE MOLY GRAPH GREASE		7	14 OZ
SWIFFER	SWEEPER WIPES		1	12 COUNT CONTAINER
INDEPENDENT INK, INC	T-8 SOLVENT		1	1 GALLON
DGI SUPPLY-A DOALL COMPANY	TAPPING CREAM		1	1 GALLON
CYBERBOND UK	TITAN-LOCTITE 242 ADHESIVE/SEALANT	BLUE	1	50 ML
BROTHER INTERNATIONAL CORPORATION	TN 460	BLACK	1	1 CARTRIDGE
BROTHER INTERNATIONAL CORPORATION	TZ TAPE CRACK & PEEL TAPE TZ-211	BLACK/WHITE	1	1/4' WIDTH/6 ML
STAPLES OFFICE SUPERSTORE, LLC	WOOD PENCILS #2 LEAD FREE LATEX ERASER		1	1 BOX
TRI-CHEM CORPORATION	WRENCH EASE (NUT & BOLT RELEASE)		9	11 OZ

QUALITY OFFICE 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
CANBERRA CORPORATION	420 ALL PURPOSE CLEANER		1	32 FL OZ
CUMBERLAND SWAN	50% ISOPROPYL ALCOHOL		1	16 FL OZ
CROSMAN CORPORATION & AIRSOURCE	CO2 CYLINDER		2	88 GRAMS
PERSONAL CARE PRODUCTS	HAND SANITIZER		1	12 FL OZ
CLEAN N' NATURAL PRODUCTS	INSTANT HAND SANITIZER		1	2 FL OZ
NSF INTERNATIONAL	LOCTITE 680 THREADLOCKER		1	8.45 FL OZ
NO LABEL	MONELIC OIL 8430	RED	2	*NO SIZE*
JACKSON WELDING SUPPLY	NITROGEN COMPRESSED GAS		1	LARGE TANK
GOJO INDUSTRIES, INC	PURELL HAND SANITIZER		2	4 FL OZ
GOJO INDUSTRIES, INC	PURELL HAND SANITIZER		1	8 FL OZ
PROFESSIONAL DISPOSABLE, INT	SANI HANDS ALC		1	135 WIPES/15 X 19 CM
SWIFFER	SWEEPER WIPES CLEANER		1	12 COUNT CONTAINER
WD-40 COMPANY	WD-40 LUBRICANT		1	11 OZ
Swagelok	Snoop - leak detect		3	8 oz
CRC Industries	Brakleen - cleaner		1	14 oz
Dynarex Corp	Sterile Alcohol Pads Individual			100 pads
Topco Assoc	Isopropyl Alcohol 91%		1	16 oz

REMEDY INTELLIGENT STAFFING OFFICE 2017

CHEMICAL MANUFACTURER

GOJO INDUSTRIES, INC

CHEMICAL NAME

PURELL HAND SANITIZER

COLOR

QTY

1

CONTAINER SIZE

4 FL OZ

SHIPPING AND RECEIVING 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
Xpect	ALCOHOL WIPE		2	20 WIPES PER PACK
RECKITT BENCKISER	LYSOL WIPES DISINFECTING		1	28 OZ
LINEAGE	SEALING SOLUTION		1	1 GALLON
STAPLES OFFICE SUPERSTORE. LLC	SHARPIE MAGNUM PERMANENT MARKER	BLACK	4	*NO SIZE*
BAUSCH & LOMB	SIGHT SAVERS w/ WIPES LENS CLEANER		1	16 FL OZ
BROTHER	INK CARTRIDGES	BLACK	1	?
STAFFORD	INK CARTRIDGES	BLACK	1	?
CARTER	INK CARTRIDGES	RED	1	?
VALSPAR	PAINT	EGGSHELL	1	GALLON

WARRANTY DEPARTMENT 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
MICROBAN	2000 PLUS STAMP REFILL INK		1	.9 OZ
JACKSON WELDING SUPPLY	COMPRESSED AIR		4	LG TANK
ESCA TECH, INC	D-WIPE TOWELS		150 WIPES	6 IN X 6.5 IN
VI-JON	GERM-X HAND SANITIZER		3	10 FL OZ
THE HEMAX GROUP, INC	GOO GONE CLENER		1	*NO SIZE*
PURE-N-GENTLE	HAND CLEANING WIPES		120 WIPES	5.9 IN X 6.8 IN
SPRAYON PRODUCTS	HEAVY DUTY CITRUS DEGREASER		1	16 OZ
SHARPIE	MAGNUM PERMANENT MARKER	BLACK	2	*NO SIZE*
LUBRICATION ENGINEERS	MONELEC OIL 8430		1	*NO SIZE*
BIRCHWOOD LABORATORIES	PERMA BLUE LIQUID GUN BLUE		1	32 FL OZ
GOJO INDUSTRIES, INC	PURELL HAND SANITIZER		5	4 FL OZ
OWEN SKIN CARE PRODUCTS	SILICONE GLOVE		1	3.4 FL OZ
STAPLES OFFICE SUPERSTORE, LLC	STAMP		2	*NO SIZE*
SWIFFER	SWEEPER WIPES CLEANING		12 WIPES	1 CONTAINER
WD-40 COMPANY	WD-40 LUBRICANT/DEGREASER		3	4 FL OZ

ASSEMBLY DEPARTMENT 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
USED CLEAR OIL	*NO LABEL* BLUE DRUM		1	55 GALLON
MICROBAN	2000 PLUS STAMPER		1	*NO SIZE*
LUBRICATION ENGINEERS	ALMAGARD 3752 VARI PURPOSE LUBE		1	14.1 OZ
LUBRICATION ENGINEERS	ALMAGARD VARI PURPOSE LUBE		1	14.1 OZ
CLAY-PARK LABS, INC	ANTI-ITCH CREAM TOPICAL ANALESIC		1	1 OZ
EUCERIN US	AQUAPHORE HEALING OINTMENT		1	3.5 OZ
CRC INDUSTRIES	BRAKLEEN-BRAKE PARTS CLEANER		1	14 OZ
BIRCHWOOD LABORATORIES	BRASS METAL TOUCH UP	BLACK	2	3 FL OZ
MEYER	BS-55 CLEANER		1	20 OZ
MEDI-FIRST	BURN PUMP SPRAY ANALGESIC		1	3 FL OZ
JACKSON WELDING SUPPLY	CARBON DIOXIDE CO2		8	MED TANK
BW TECHNOLOGIES	COMPRESSED AIR/CALIBRATION GAS		1	3.6 CU. FT
STAPLES OFFICE SUPPERSTORE, LLC	DRY ERASE BOARD CLEANER		1	2.7 FL OZ
MOBIL CHEMICAL COMPANY	DTE 24 OIL		1	1 GALLON
ESCA TECH, INC	D-WIPE TOWELS		150 WIPES	6 IN X 6.5 IN
SPRAYON PRODUCTS	ELECTRICAL CONTACT CLEANER EL 2302		2	11 OZ
SHARPIE	FINE POINT DRY ERASE MARKER	BLACK, RED, BLUE, GRE	2 EACH	*NO SIZE*
SPRAY RITE PRODUCTS, INC	HEAVY DUTY ALL PURPOSE SRAY ADHESIVE		1	12 OZ
SPRAYON PRODUCTS	HEAVY DUTY CITRUS DEGREASER CD757		1	16 OZ
SPRAYON PRODUCTS	HEAVY DUTY SILICONE RELEASE AGENT		1	12 OZ
SPRAYON PRODUCTS	HEAVY DUTY SILICONE RELEASE AGENT MR 305		2	12 OZ
ENERPAC	HYDRAULIC FLUID		1	1 GALLON
WEBCO CHEMICAL CORPORATION	LC04 COMPOUND CLEANING		1	55 GALLON
WEBCO CHEMICAL CORPORATION	LC04 COMPOUND CLEANING		1	*NO SIZE*
TRIFOIL	LIGHTNING GREASE		1	*NO SIZE*
FURNITURE SCRATCH SAVERS	LIGHT-TOUCH UP MARKERS		1	*NO SIZE*
LOCTITE CORPORATION	LOCTITE 242 THREADLOCKER		6	.34 FL OZ
HENKEL CORPORATION	LOCTITE 271 THREADLOCKER		3	1.69 FL OZ
LOCTITE CORPORATION	LOCTITE 7649 PRIMER N		1	4.5 OZ
MAGNAFLUX	MAGNAGLO 14AM PREPARED BATH		1	228 GRAMS
SHARPIE	MAGNUM PERMANENT MARKER	BLACK	1	*NO SIZE*
STAPLES OFFICE SUPPERSTORE, LLC	MARKS-A-LOT PERMANENT MARKER	BLACK	1	*NO SIZE*
STAPLES OFFICE SUPPERSTORE, LLC	MARKS-A-LOT PERMANENT MARKER	BLACK	1	*NO SIZE*

ASSEMBLY DEPARTMENT 2017

LUBRICATION ENGINEERS	MONELEC OIL 8430		1	55 GALLON
LUBRICATION ENGINEERS	MONELEC OIL 8430		18	1 OZ
JACKSON WELDING SUPPLY	NITROGEN COMPRESSED AIR		8	LG TANK
JACKSON WELDING SUPPLY	NITROGEN GAS		1	MED TANK
SILICONE	OIL		10	1 OZ
MOBIL CHEMICAL COMPANY	OIL		1	*NO SIZE*
SHARPIE	OIL BASED PAINT MARKER MED. POINT	BLACK	1	*NO SIZE*
SHARPIE	PAINT MARKER	BLACK	2	*NO SIZE*
BIRCHWOOD LABORATORIES	PERMA BLUE LIQUID GUN BLUE		2	3 FL OZ
HERITAGE PRODUCTS	PERSONAL HAND SANITIZER		1	2 FL OZ
SULFLO, INC	PLASTILUBE NO. 2		2	5 GALLON
CONOCO PHILLIPS COMPANY	R & O 32 OIL		1	1 GALLON
STAPLES OFFICE SUPPERSTORE, LLC	REMARX DRY ERASE MARKER		1	*NO SIZE*
SANFORD CORPORATION	ROLL ON STAMP PAD INKER		1	2 FL OZ
LITTLE INKS	RUBBER STAMP INK		2	2 OZ
PERSONAL DISPOSABLES INTERNATIONAL, INC	SANI HANDS ALC		100 WIPES	5 IN X 8 IN
DEB, INC	SBS-40 MEDICATED SKIN CREAM		1	5 FL OZ
BUBBLE FUN	SCENTED BUBBLES-LEAK DETECTOR LEMON		2	4 FL OZ
3M COMPANY	SCOTCH WELD DP-920 EPOXY ADHESIVE		1	1.25 FL OZ
3M COMPANY	SCOTCH WELD LO100		3	1 OZ
BAUSCH & LOMB	SIGHT SAVERS w/ WIPES		1	16 FL OZ
DIVERSIFIED BRANDS	SOO757 CITRUS DEGREASER		2	16 FL OZ
BIRCHWOOD LABORATORIES	STEEL TOUCH UP GUN BLUE PEN-PRESTO		2	*NO SIZE*
SWIFFER	SWEEPER CLEANING WIPES		8/12 COUNT	12 PER CONTAINER
STOCKHAUSEN, INC	TRAVABON SPECIAL PROTECTIVE SKIN CREAM		2	3.38 FL OZ
TRIM	TRIM E206		1	5 GALLON
TRIM	TRIM E206		1	1 GALLON
TRIM	TRIM E206		1	20 OZ
MITSUBISHI PENCIL	UNI-PAINT MEDIUM LINE MARKER		1	*NO SIZE*
MITSUBISHI PENCIL	UNI-PAINT MEDIUM LINE MARKER PX20		5	*NO SIZE*
NOVA GARD SOLUTIONS	VERSILUBE LUBRICATING GREASE		2	5.3 OZ
TRI-CHEM CORPORATION	WRENCH EASE (NUT & BOLT RELEASE)		1	11 OZ
SHACHIHATA, INC	X STAMPER REFILL INK		1	10 ML
DOW CORNING	Z POLY POWDER LUBRICANT		2	10 OZ

WOOD SHOP 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH	RED	1	12 OZ
Rust-Oleum	DEM-KOTE ENAMEL FINISH	FLAT BLACK	1	10 OZ
MOBIL OIL COMPANY	MOBILUX EP 2 GREASE		1	14.1 OZ
CONOCO PHILLIPS COMPANY	R & O 32 OIL		1	*NO SIZE*
SHERWIN WILLIAMS	S64 R7 SHER-WOOD WIPING STAIN		2	1 GALLON
SHERWIN WILLIAMS	T77-F58 HI-BILD SHER-WOOD PRECOAT LACQUER		1	5 GALLON
WD-40 COMPANY	WD-40 LUBRICANT		1	20 OZ

SCREW MACHINE 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
NRITE KLEEN	1573		1	55 GALLON
AW	68 OIL		8	5 QUARTS
AICKINSTRUT PRODUCT	ANTI-CORROSION COATING		1	4 OZ
LPS LABORATORIES	BELT DRESSING		2	10 OZ
CRC INDUSTRIES	BRAKLEEN-BRAKE PARTS CLEANER		1	14 OZ
LOCTITE CORPORATION	CLOVER COMPOUND		1	16 OZ
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH	FLAT BLACK	1	10 OZ
CONOCO PHILLIPS COMPANY	DEM-KOTE HT #2		1	35 LB
SUPERIOR LUBRICATIONS CO, INC	DSL DASU "D" BASE		1	5 GALLON
ESCA TECH, INC	D-WIPE TOWELS		150 WIPES	6 IN X 6.5 IN
SPRAYON PRODUCTS	EL2302 ELECTRICAL CONTACT CLEANER		1	11 OZ
RUST-OLEUM INDUSTRIAL BRAND	ENAMEL	RED	2	15 OZ
DAYTON ELECTRIC MFG CO	ENAMEL FINISH		1	12 OZ
MAGARA LUBRICANT	EP 150 GEAR LUBRICANT		2	40 LB
FLEETGARD, INC	ES COMPLETED ANTIFREEZE/COOLANT		1	1 GALLON
GALAXY ASSOCIATES	GF CLEAN 157SL		1	55 GALLON
SPRAYON PRODUCTS	HEAVY DUTY CITRUS DEGREASER CD757		1	16 OZ
VALVOLINE	HEAVY DUTY DIESEL 15W-40		1	1 GALLON
SHERWIN WILLIAMS	HEAVY DUTY SILICONE MOLD RELEASE		1	20 OZ
LOCTITE CORPORATION	LOCTITE 242 THREADLOCKER		1	.34 FL OZ
PENNZOIL	LONG LIFE SAE 30 MOTOR OIL		1	2.5 GALLON
VALUE PRODUCTS COMPANY	MEDICATED BODY POWDER		1	10 OZ
CONOCO PHILLIPS COMPANY	MONELEC OIL 8430	RED	1	*NO SIZE*
DEGREASER	MSDS # 2-1-0-B		1	*NO SIZE*
GOJO INDUSTRIES, INC	NATURAL ORANGE CLEANER		1	1/2 GALLON
PROLUBE	RWO 32		1	*NO SIZE*
SUPERIOR LUBRICATIONS CO, INC	S1032B SURE CUT LUBE OIL		1	275 LB
SUPERIOR LUBRICATIONS CO, INC	S1042AB SURE CUT LUBE OIL		1	275 LB
BAUSCH & LOMB	SIGHT SAVERS w/ WIPES		3	16 OZ
SIMPLE GREEN CORPORATION	SIMPLE GREEN CLEANER		1	32 FL OZ
SHERWIN WILLIAMS	SO2302 ENVIRONMENTAL CONTACT CLEANER		1	11 OZ
SUPER	SOLVENT IIC		2	*NO SIZE*
DIVERSIFIED BRANDS	SPRAYON S00204 DRY GRAPHITE LUBE		1	10 OZ
SWIFFER	SWEEPER WIPES CLEANER		4/12 COUNT	1 CONTAINER
HEATBATH PARK	UNIKLEEN 14B		1	*NO SIZE*

MACHINE SHOP 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
I C	#920 SN OIL/LUBRICANT		1	55 GALLON
NIAGRA LUBRICANT	0905 NIAGRA WAY LUBE 68		1	5 GALLON
BRAD PENN	22A01 OIL/LUBRICANT		1	1 PINT
AW	2-OIL/LUBRICANT		1	*NO SIZE*
NIAGRA LUBRICANT	5 STAR-0710MP LITHIUM EP #2		1	5 GALLON
MOBIL OIL CORPORATION	80W-30 OIL/LUBE MOTOR OIL		1	*NO SIZE*
VALVOLINE	ALL CLIMATE MOTOR OIL SAE 10W-40		1	1 QUART
FEND-ALL COMPANY	BESTVUE LENS CLEANER		1	8 OZ
BLASER SWISSLUBE	BLASOMILL U-ART .317C		1	55 GALLON
CRC INDUSTRIES, INC	BRAKLEEN-BRAKE PARTS CLEANER		3	14 OZ
MEYER	BS-55 CLEANER		1	20 OZ
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH	FLAT BLACK	1	10 OZ
DANLY	DIE SET LUBRICANT		1	1 GALLON
MOBIL CHEMICAL COMPANY	DTE 24 OIL		1	1 GALLON
MOBIL OIL CORPORATION	DTE BB OIL		1	1/2 PINT
MOBIL OIL CORPORATION	DTE OIL BB-BEARING & CIRCULATING OIL		1	5 GALLON
RUST INHIBITOR	EL 905		1	20 OZ
NEWELL/RUBBERMAID OFFICE PRODUCTS	EXPO DRY ERASE BOARD CARE		1	8 OZ
THE CLEAR SOLUTION	GEAR OIL 150		1	1 GALLON
CONOCO PHILLIPS COMPANY	GEAR OIL 460-ISD VG 460 AGNA 7 EP		1	55 GALLON
NIAGRA LUBRICANT	GULFCUT SOLUBLE OIL B		2	55 GALLON
SPRAYON PRODUCTS	HEAVY DUTY CITRUS DEGREASER CD757		1	16 OZ
RUST-OLEUM INDUSTRIAL BRANDS	HIGH PERFORMANCE PROTECTIVE ENAMEL		1	128 FL OZ
RUST-OLEUM INDUSTRIAL BRANDS	INVERTED STRIPING PAINT	YELLOW	1	18 OZ
LUBRIPLATE LUBRICANTS COMPANY	LUBRIPLATE OIL D-2		2	5 GALLON
STAPLES OFFICE SUPERSTORE, LLC	MARKS-A-LOT PERMANENT MARKER	BLACK	1	*NO SIZE*
MOBIL OIL CORPORATION	MOBILUX EP 2		2	14.1 OZ
LUBRICATION ENGINEERS	MONELEC OIL 8430	RED	1	20 OZ
THE CLEAR SOLUTION	MULTI PURPOSE R & O 150 OIL		1	55 GALLON
PHILLIPS 66/CONOCO PHILLIPS COMPANY	MULTI PURPOSE R & O 32 OIL		1	55 GALLON
NIAGRA LUBRICANT	NIAGRA WAY LUBE 68		1	*NO SIZE*
SUPER HYDRAULIC	OIL		1	1 GALLON
CONOCO PHILLIPS COMPANY	OIL (SMALL PUMP OILER)		2	*NO SIZE*

MACHINE SHOP 2017

VALSPAR CORPORATION	PAINT	EGGSHELL	1	124 FL OZ
CROSMAN CORPORATION	PELLGUNOIL-SPECIAL FORMULA		1	4 FL OZ
GOJO INDUSTRIES	PURELL HAND SANITIZER		2	4 FL OZ
CONOCO PHILLIPS COMPANY	R & O 32 OIL		1	1 GALLON
CONOCO PHILLIPS COMPANY	R & O 68 OIL/LUBE		1	1 PINT
STAPLES OFFICE SUPERSTORE, LLC	REMARX DRY ERASE BOARD MARKER	BLACK	1	*NO SIZE*
DOW CORNING CORPORATION	RTV SEALANT 732 MULTI PURPOSE	CLEAR	1	300 ML
MOBIL OIL CORPORATION	SHC SYNTHETIC OIL-34		1	1 PINT
BAUSCH & LOMB	SIGHT SAVERS w/ WIPES		2	16 FL OZ
SWIFFER	SWEEPER WIPES CLEANING		2/12 COUNT	1 CONTAINER
MOBIL OIL CORPORATION	SYNTHETIC LUBRICATING GREASE		1	12.5 OZ
DOALL	TAPPING CREAM		1	8 OZ
HYDROCLEAR	TCS 68 OIL/LUBRICANT		1	1 PINT
CONOCO PHILLIPS COMPANY	UNIVERSAL GEAR LUBRICANT SAE 80W-90		1	5 GALLON
TRI-CHEM CORPORATION	WRENCH EASE (NUT & BOLT RELEASE)		1	11 OZ

SOLDERING ROOM 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
SUPERIOR	#22 NON FUMING INORGANIC ACID FLUX		1	5 GALLON
CALGON CORPORATION	CPD-2004 (MSDS # 1-1-0-B)		1	*NO SIZE*
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH	FLAT BLACK	4	10 OZ
DAP, INC	DERUSTO-C GLO FLUORSCENT ENAMEL		1	12 OZ
SEM-CUSTOM FILL	ENAMEL LACQUER-SS	YELLOW	1	8.4 OZ
RUST-OLEUM CORPORATION	FAST DRY HARD HAT INDUSTRIAL COATING	WHITE	1	15 OZ
RUST-OLEUM CORPORATION	FAST DRY HARD HAT INDUSTRIAL COATING	BROWN	1	15 OZ
RUST-OLEUM CORPORATION	FAST DRY HARD HAT INDUSTRIAL COATING	RED	2	15 OZ
DOMINION SURE SEAL GROUP	FLEX FILL MULTI PURPOSE FILLER		1	315 GRAMS
COLEMAN	FUEL/COMBUSTABLE C-2538		1	1 GALLON
GULF OIL COMPANY	GULF CUT		1	USED IN MACHINE
D W DAVIES & CO, INC	HYDROFLUX		1	5 GALLON
SHERWIN WILLIAMS COMPANY	KRYON INTERIOR/EXTERIOR PAINT		1	12 OZ
LOCTITE CORPORATION	LOCTITE 380-INSTANT ADHESIVE		1	28.4 GRAMS
LOCTITE CORPORATION	LOCTITE 712 THREADLOCKER		1	1.69 OZ
TRU SERVE	PROPANE		1	14.1 OZ
CONOCO PHILLIPS COMPANY	R & O 32 OIL		1	2 PINTS
TURBO BRAZE COMPANY	SOLDERING PASTE		2	50 OZ
SHERWIN WILLIAMS COMPANY	SPRAYON ELECTRICAL CONTACT CLEANER		1	11 OZ
SHERWIN WILLIAMS COMPANY	YON SO2302 ENVIRONMENTAL CONTACT CLEANER		1	11 OZ
STAY SAFE BRIDGE	STICK SOLDER		4	1 LB ROLLS
SWIFFER	SWEEPER WIPES CLEANING		2/12 COUNT	1 CONTAINER
WD-40 COMPANY	WD-40 LUBRICANT		1	20 OZ
UNITED GILSONITE LABORATORIES	ZAR WOOD STAIN III	WALNUT	1	13 OZ

WAYNE ARC 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
MEYER	BS-55 CLEANER		1	15 OZ
BODY GUARD	LENS CLEANER FLUID		2	8 OZ
GOJO INDUSTRIES	PURELL HAND SANITIZER		4	4 FL OZ
SWIFFER	WET MOPPING PADS		3	12 COUNT

MODEL SHOP 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
DuPont	Delrin 100 plastic resin	BLACK	1	LG BLUE BIN
SHERWIN WILLIAMS COMPANY	acetone		1	1 gallon
DuPont	Zytel 101 L, resin	BLACK	1	LG BLUE BIN
LOCTITE CORPORATION	242 REMOVABLE THREALOCKER		2	.34 FL OZ
LUBRICATION ENGINEERS	3752 ALMAGARD LUBRICANT		1	14.1 OZ
BF GOODREIN SPECIALTY CHEMICALS	58133 NAT 025D 55D	natural	1	CLEAR BAG, *NO SIZE*
BF GOODREIN SPECIALTY CHEMICALS	58142 NAT 024D	natural	1	CLEAR BAG, *NO SIZE*
Monsanto	743 ABS resin	BLACK	1	LG BLUE BIN
DuPont	ACETAL 500 resin	BLACK	2	SM BLUE BIN
DuPont	ACETAL 500 resin		1	LG BLUE BIN
DuPont	ACETAL RESIN 577	BLACK	1	LG BLUE BIN
LUBRICATION ENGINEERS	ALMAPLEX 1275 grease		1	14 1/2 OZ
RUST-OLEUM CORPORATION	SPRAY PAINT FOR PLASTIC	HEIRLOOM WHITE	1	12 OZ
VYSE	BALLISTIC GEL COMPOUND w/ DEFOAMER		1	25 LB
PRECISION ARMS, INC	BEEMAN SPRING OIL		1	1 OZ
SUNNYSIDE CORPORATION	BOILED LINSEED OIL		1	16 FL OZ
CRC INDUSTRIES	BRAKLEEN-BRAKE PARTS CLEANER		1	14 OZ
BUBBLE FUN	BUBBLES-LEAK DETECTOR		2	4 FL OZ
JACKSON WELDING SUPPLY	CO2		1	MED TANK
DAP, INC	CRACKSHOT HIGH PERFORMANCE SPACKLING PASTE		1	32 FL OZ
LNP	CUSTOM PPMNT SB-821 NT WC BK-10 100:1 resin		1	LG BLUE BIN
DAYTON ELECTRIC MFG CO	DEM-KOTE ENAMEL FINISH	FLAT BLACK	1	12 OZ
SUNNYSIDE CORPORATION	DENATURED ALCOHOL SOLVENT		1	32 FL OZ
MOBIL OIL COMPANY	DTE-MED OIL LIGHT		1	*NO SIZE*
DEVCON CORPORATION	DUCO CEMENT		1	1 3/4 FL OZ
Dupont	zytel 101 L, resin		1	*IN COFFEE CAN*
Dupont	hytel ES-2-25G HYT003, HYT007 resin		1	LG GREEN BIN
DuPont	hytel HYT 5526 NT resin		1	SM UPS BOX
Dupont	ABS M6580 resin		1	*IN COFFEE CAN*
TRIM	E206 water soluble coolant		2	20 OZ
BORDEN	ELMERS CARPENTER'S WOOD GLUE		1	16 FL OZ
TESTORS U.S.A	ENAMEL	RED ROUGE	1	1/4 FL OZ
KRYLON PRODUCTS GROUP	ENAMEL PDS-4	CHERRY RED	1	12 OZ
RUST-OLEUM CORPORATION	FAST DRY ALL PURPOSE PAINT	POPSICLE ORANGE	1	12 OZ
RUST-OLEUM CORPORATION	FAST DRY HARD HAT INDUSTRIAL COATINGS		1	15 OZ
GABRIEL FIRST CORPORATION	FAST SPRAY SPRAY-N-WIPE CLEANER		1	19 OZ
RUST-OLEUM CORPORATION	FLAT PROTECTIVE ENAMEL	FLAT BROWN	1	12 OZ
DEVCON CORPORATION	FLEXANE 80 LIQUID		2	1 LB
KRYLON PRODUCTS GROUP	FLUORESCENT PAINT FS925	GREEN	1	11 OZ

MODEL SHOP 2017

VENTCO COMPANY	FP-10 LUBRICANT ELITE		1	4 FL OZ
KRYLON PRODUCTS GROUP	FUSION FOR PLASTICS	NAVY	1	12 OZ
TESTORS U.S.A	GLOSS ENAMEL	BLACK	3	1/4 FL OZ
DOW CORNING COMPANY	G-N METAL ASBY PASTE 77-PART ASSEMBLY PASTE		1	16 FL OZ
Dupont	HDPE resin	RED	1	SM UPS BOX
Dupont	HDPE resin	BLUE	1	SM UPS BOX
SPRAYON PRODUCTS	HEAVY DUTY CITRUS DEGREASER CD757		1	16 OZ
DEVCON CORPORATION	HIGH TEMP. MOLD MAKER (10370)		1	3 LB
DUPONT	HYT003, HYT007, 6356 URETHANE resin		2	LG BLUE BIN
GENERAL PAINT & MFG CO	INTERIOR/EXTERIOR PDS 40	SUNFLOWER YELLOW	1	12 OZ
FIBERFILL	J 80/10 BK 223		1	LG BLUE BIN
Dupont	KDPE	YELLOW	1	SM UPS BOX
ADFLEX	KS-081P-OLEFIN		1	*IN COFFEE CAN*
KRYLON PRODUCTS GROUP	LATEX ENAMEL-LIVING COLOR	true blue	1	12 OZ
KRYLON PRODUCTS GROUP	LATEX ENAMEL-LIVING COLOR	ELDERBERRY	1	12 OZ
WEBCO CHEMICAL COMPANY	LCO #4		1	LG CYLINDER, *NO SIZE*
LOCTITE CORPORATION	LOCQUIC PRIMER T		1	6 OZ
LOCTITE CORPORATION	LOCTITE 242 THREADLOCKER		1	.34 FL OZ
LOCTITE CORPORATION	LOCTITE 242 THREADLOCKER		1	.34 FL OZ
LOCTITE CORPORATION	LOCTITE 271 THREADLOCKER		1	4 OZ
LOCTITE CORPORATION	LOCTITE 290 ADHESIVE SEALANT		3	.34 FL OZ
LOCTITE CORPORATION	LOCTITE 567 THREAD SEALANT		2	1.69 FL OZ
LOCTITE CORPORATION	LOCTITE 680 RETAINING COMPOUND		1	*NO SIZE*
LOCTITE CORPORATION	LOCTITE 7649 PRIMER		1	.88 FL OZ
LOCTITE CORPORATION	LOCTITE COLOR GARD TOUGH RUBBER COATING	BLACK	1	14.5 FL OZ
LOCTITE CORPORATION	LOCTITE THREAD SEALANT w/ PTFE		1	4 FL OZ
LOCTITE CORPORATION	LOCTITE-PIPE JOINT COMPOUND		1	4 FL OZ
KRYLON PRODUCTS GROUP	MATTE FINISH 1311		1	11 OZ
SUNNYSIDE CORPORATION	MEK-METHYL ETHYL KETONE		3	1 GALLON
CLEAR CONTAINER	METHANOL		1	1 pint
Sunnyside CORPORATION	METHYL ALCOHOL		1	1 pint
THERMOCOMP	MFX 1004 CUSTOM resin		1	LG BLUE BIN
VERTON	MFX 7008/MFB28-881 resin		1	LG BLUE BIN
TESTORS U.S.A	MODEL MASTER ACRYLIC GLOSS	BLACK	4	1/2 FL OZ
DESIGN MASTER	MODERN METALS	BLACK CHROME	1	5.5 OZ
DOW CORNING COMPANY	MOLYKOTE 55 O-RING LUBRICANT		1	150 GRAMS
DOW CORNING COMPANY	MOLYKOTE POWDER-Z		1	*NO SIZE*
DOW CORNING COMPANY	MOLYKOTE-EXTREME LOW TEMP. GREASE 33		1	150 GRAMS
CLEAR CONTAINER	MURIATIC ACID 50%		1	8 oz.
BOSTIK	NEVER-SEEZ ANTI-SEIZE & LUBRICATING COMPOUND		1	1 LB

MODEL SHOP 2017

NIAGRA LUBRICANT	NIAGRA CUTTING OIL		1	1 GALLON
SHERWIN WILLIAMS COMPANY	NON-TARNISHING ENAMEL	GOLD	1	11 OZ
KENDALL	NS-MP HYPOID GEAR LUBE. SAE 80W-90		1	35 LB
Dupont	NYLON 70G33L resin		1	LG BLUE BIN
Dupont	NYLON ST804 BK resin		1	LG BLUE BIN
NO LABEL	OIL 300		1	1 pint
OIL PUMPER	OIL 80		1	1 pint
COLOR PUTTY COMPANY	OIL BASED COLOR PUTTY	EBONY	2	3.68 OZ
RUST-OLEUM CORPORATION	PAINTER'S TOUCH	FLAT BLACK	1	12 OZ
RUST-OLEUM CORPORATION	PAINTER'S TOUCH SEMI GLOSS	BLACK	1	12 OZ
RUST-OLEUM CORPORATION	PAINTER'S TOUCH SPRAY ENAMEL GLOSS	BLACK	1	12 OZ
CROSMAN CORPORATION	PELLGUNOIL		1	4 FL OZ
ITW-DEVCON CORPORATION	PLASTIC STEEL PUTTY-5 MIN (10240)		1	1 LB
SUNOCO	POLYPROPYLENE PP 60-TC-40		1	CLEAR BAG, *NO SIZE*
SUNOCO	POLYPROPYLENE PP 60-TC-40		1	LG BLUE BIN
FDA G. P. (GROELE)	POLYPROYLENE NATURAL HOMOPOLYMER		1	LG BLUE BIN
MINWAX COMPANY	POLYURETHANE	CLEAR GLOSS	1	11.5 OZ
Bernzomatic	PROPANE FUEL		1	16.4 FL OZ
NO LABEL	PROPANE FUEL-REFRIDGERANT 402 A		1	27 LB
BONDEX INTERNATIONAL, INC	PUMICE RUBBING COMPOUND		1	12 OZ
CLEARCO	PURE SILICONE FLUID		1	350 CST
AAA	QUENCHING OIL		1	*NO SIZE*
LURALOY	R-BK8 114	BLACK	1	SM BLUE BIN
LPS	RENEWAL COMPOSITE-STRONG ALUMINUM STICK		1	2 OZ
EXXON MOBIL	SANTOPRENE 101-55 RESIN		1	LG BLUE BIN
EXXON MOBIL	SANTOPRENE 101-64 RESIN	BLACK	1	SM CLEAR BIN
EXXON MOBIL	SANTOPRENE 101-73 RESIN	BLACK	1	LG GREEN BIN
EXXON MOBIL	SANTOPRENE 101-73 RESIN		1	LG BLUE BIN
EXXON MOBIL	SANTOPRENE 101-80 RESIN		1	SM CLEAR BIN
EXXON MOBIL	SANTOPRENE 103-50 RESIN		1	SM CLEAR BIN
EXXON MOBIL	SANTOPRENE 201-87 RESIN		1	SM BLUE BIN
EXXON MOBIL	SANTOPRENE 203-40 RESIN		1	SM BLUE BIN
LITTLE INKS	RUBBER STAMP INK		1	2 OZ
ACE HARDWARE	RUST STOP OIL BASED ENAMEL		1	8 FL OZ
ALONOLEC	SAE 30 OIL	RED	3	*NO SIZE*
KRYLON PRODUCTS GROUP	SATIN BRUSHED METALLIC-OIL RUBBED	BRONZE	1	11 OZ
HIMONT	SB 821 NT POLYPROPYLENE LOT # LJ 800 90 RESIN		1	LG GREEN BIN
3M ADHESIVES, COATINGS & SEALANT DIVISION	SCOTCH GRIP 847 RUBBER & GASKET ADHESIVE		1	5 FL OZ
3M INDUSTRIAL TAPE & ADHESIVES	SCOTCH WELD PLASTICS STRUCTURAL ACRYLIC DP-8005		4	1.18 FL OZ
3M INDUSTRIAL	SCOTCH WELD THREAD SEALANT 3477		1	1.67 FL OZ

MODEL SHOP 2017

OLD ENGLISH	SCRATCH COVER FOR LIGHT WOODS		1	8 FL OZ
BAUSCH & LOMB	SIGHT SAVERS w/ WIPES		1	16 FL OZ
UNITED DISICCANTS	SILICA GEL		1	5 GALLON
HARRIS SOLDERING & BRAZING PRODUCTS	SOLDER FLUX	SILVER	1	16 OZ
SPRAYON PRODUCTS	SOO305 HEAVY DUTY SILICONW		2	12 OZ
RUST-OLEUM CORPORATION	SPECIALTY PLASTIC	SUNRISE RED	1	12 OZ
RUST-OLEUM CORPORATION	SPECIALTY TEXTURED PLASTIC	BLACK	1	12 OZ
OIL PUMPER	SPINDLER OIL		1	1 PINT
KRYLON PRODUCTS GROUP	SPRAY PAINT FOR PLASTIC	RIVER ROCK	2	12 OZ
DIVERIFIED BRANDS	SPRAYON SOO757 CITRUS DEGREASER		1	16 OZ
RADIO SHACK	STANDARD ROSIN COR SOLDER		1	1.5 OZ
HARD-N-TUFF	STEEL HARDENING COMPOUND		1	3 LB
ITW-DYKEM CORPORATION	STEEL RED LAYOUT FLUID		1	4 FL OZ
RUST-OLEUM CORPORATION	STOPS RUST UNIQUE HAMMERED	BLACK	1	12 OZ
LPS	STRON COMPOSITE-STRONG STEEL STICK		3	4 OZ
BIRCHWOOD LABORATORIES	SUPER BLUE LIQUID GUN BLUE		1	3 FL OZ
WOODHILL PERMATEx/LOCTITE CORPORATION	SUPER GLUE REMOVER		1	.34 FL OZ
PARKER	SUPER-O-LUBE		2	2 OZ
KASENIT COMPANY	SURFACE HARDENING COMPOUND #1		1	5 LB
DUPONT	TALC POLYPROPYLENE HOMOPOLYMER PP-60 TC-20		1	LG BLUE BIN
DUPONT(V-PRO-2001)	TALC POLYPROPYLENE HOMOPOLYMER PP-60 TC-40	BLACK	1	LG BLUE BIN
DUPONT	TALC POLYPROPYLENE HOMOPOLYMER PP-66-TC-40		1	LG GREEN BIN
DOALL	TAPPING CREAM		1	1 gallon
RUST-OLEUM CORPORATION	TEXTURED SPRAY PAINT	BLACK	1	12 OZ
RUST-OLEUM CORPORATION	TEXTURED FOR PLASTIC	FOREST GREEN	1	12 OZ
RUST-OLEUM CORPORATION	TEXTURED PLASTIC	BLACK	6	12 OZ
FLUORAMICS, INC	TUFOIL LIGHTNING GREASE		1	1/2 LB
SUNNYSIDE CORPORATION	TURPENTINE		1	32 FL OZ
RUST-OLEUM CORPORATION	ULTRA COVER	FLAT BLACK	2	12 OZ
RUST-OLEUM CORPORATION	ULTRA COVER 2X COVERAGE	FLAT BLACK	2	12 OZ
RUST-OLEUM CORPORATION	ULTRA COVER 2X GLOSS	BLACK	1	12 OZ
RUST-OLEUM CORPORATION	ULTRA COVER-2X SEMI GLOSS	BLACK	2	12 OZ
DUPONT	URETHANE		1	LG DARK BLUE BIN
ESTANE-BF GOODRICH	URETHANE 28P, 32P, 26P		1	LG DARK BLUE BIN
MOBAY	TEXIN URETHANE 455 D		1	LG BLUE BIN
ESTANE-BF GOODRICH	URETHANE 58130		1	27 LB
ESTANE	URETHANE 58130 THERMOPLASTIC POLYURETHANE		1	LG GREEN BIN
HYTREL DUPONT	URETHANE 90 "A"		1	LG BLUE BIN
Monsanto	TRIAx V-ABS-1018 1120-30883	BLACK	1	LG BLUE BIN
MOBIL OIL COMPANY	VECTRA #2 OIL		1	*NO SIZE*

MODEL SHOP 2017

MOBIL OIL COMPANY	VECTRA #6 OIL		1	*NO SIZE*
MOBIL OIL COMPANY	VECTRA OIL		1	*NO SIZE*
GENERAL ELECTRIC COMPANY	VERSILUBE SILICONE LUBRICATING GREASE		1	8 OZ
BLACK-LEAF PRODUCTS	WASP & HORNET KILLER II		2	15 OZ
SUNOCO	WAY LUBE #1180		1	1 GALLON
MENDALL	WOOD FILLER-WOOD PUTTY		1	*NO SIZE*
MINWAX COMPANY	WOOD FINISH STAINS & SEALS		3	1/2 PINT
AAA	WRENCH OIL H-1		1	*NO SIZE*
GENERAL PAINT & MFG CO	X-O RUST INTERIOR/EXTERIOR ENAMEL	27 ORANGE	1	12 OZ
JETLUBE	RUBBER LUBE/ MOLD RELEASE		1	16 OZ.
3M	SPRAY ADHESIVE/ SUPER 77		1	7 1/3 OZ.
AAE	INSERT ADHESIVE		1	.7 OZ.
3M	ACRYLIC ADHESIVE DP 810		1	1.69 OZ.
SHERWIN WILLIAMS COMPANY	SF-1 SPRAY PRIMER		1	12 OZ.
RUST-OLEUM CORPORATION	ULTRA 2X SPRAY	APPLE RED	1	12 OZ.
FORMBY'S	TUNG OIL FINISH		1	8 OZ.
KRYLON PRODUCTS GROUP	MATTE FINISH SPRAY	CLEAR	1	11 OZ.
RUST-OLEUM CORPORATION	MATTE CLEAR SPRAY	CLEAR	1	12 OZ.
RUST-OLEUM CORPORATION	CLEAR, GLOSS	CLEAR	1	12 OZ.
ARMOR ALL	LIQUID PROTECTANT		2	28 OZ.
SPRAY ON	CONTACT CLEANER		2	11 OZ.

FIRST AID ROOM 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
MEDI-FIRST PLUS	ALCOHOL WIPE		17 POUCHES	1 PER POUCH
SAFETEC	AMMONIA INHALENT		10 POUCHES	5/.7 GRAMS
XPECT FIRST AID	ANTISEPTIC WIPES		20 PER BOX	1 BOX
MEDI-FIRST PLUS	ANTISEPTIC WIPES		24 WIPES	1 PER PACKET, EX LG
DAWN MIST	BABY POWDER		48	2 OZ
CRYSTAL	BODY DEODORANT STICK		8	1.5 OZ
JOHNSON & JOHNSON	BAND-AID BUTTERFLY CLOSURES		1	1 3/4 IN X 3/8 IN
PAC-KIT SAFETY EQUIPMENT	BEE STING RELIEF ANTISEPTIC SWABS		47	.018 FL OZ
CAROLON COMPANY	CHAMP-CONVENIENT COLD WRAP INSTANT/REUSABLE		1	10 OZ/4 IN X 10 IN, 4 IN X 26 IN WRAP
COLGATE-PALMOLIVE COMPANY	COLGATE SHAVE CREAM		1	14.75 OZ
CHATTANOOGA GROUP, INC	CONDUCTOR TRANSMISSION GEL	BLUE	1	9 OZ
ELASTOPLAST PRODUCT	COVERLET-ADHESIVE DRESSING		100	2 1/8 IN X 1 1/2 IN
GABRIEL FIRST CORPORATION	FAST SPRAY SPRAY-N-WIPE-CLEANER		2	19 OZ
MEDI-FIRST PLUS	FLEXIBLE FINGERTIPS BANDAGE		40 PER BOX	1 BOX, EX HEAVY
MEDI-FIRST PLUS	FLEXIBLE LARGE PATCH		25 PER BOX	1 BOX
INTENSE	FURNITURE POLISH		1	17 OZ
GOJO INDUSTRIES, INC	HAND SANITIZER w/ PUMP		1	*NO SIZE*
DYNAREX CORPORATION	INSTANT COLD PACK		2	6 IN X 9 IN, LG
NORTH BY HONEYWELL	KNUCKLE BANDAGES		40 PER BOX	1 1/2 IN X 3 IN
SWIFT FIRST AID, INC	KNUCKLE WOVEN BAND AID		40 PER BOX	1 BOX
MEDIQUE PRODUCTS	MEDI-FIRST ALCOHOL WIPES		50 PER BOX	2 BOXES
MEDIQUE PRODUCTS	MEDI-FIRST ANTISEPTIC PAIN RELIEVING SPRAY		1	3 OZ
MEDIQUE PRODUCTS	MEDI-FIRST ANTISEPTIC WIPES		20 PER BOX	3 BOXES, EX LG
MEDIQUE PRODUCTS	MEDI-FIRST HYDROGEN PEROXIDE PUMP SPRAY		3	4 FL OZ
MEDIQUE PRODUCTS	MEDI-FIRST PAIN RELIEVING ANTISEPTIC SPRAY		1	3 OZ
MEDIQUE PRODUCTS	MEDI-FIRST RELIEVING BURN SPRAY		1	3 OZ
OXYGEN CO	OXYGEN		1	LG TANK
JACKSON WELDING SUPPLY	OXYGEN, COMPRESSED		2	SM TANK
BAXTER HEALTHCARE CORPORATION	PHARMASEAL SCRUB CARE		1	12 ML, SINGLE USE
PROFESSIONAL DISPOSABLES, INC	POVIDONE-IODINE PREP PADS		100 PACKETS	MEDIUM
DYNAREX CORPORATION	POVIDONE-IODINE PREP SOL. GEL (TOPICAL)		1	16 FL OZ
3M COMPANY	STERI STRIP SPLINTER OUT		5	1/4 IN X 3 IN
BURN-PAC SYSTEMS, INC	STERILE BURN TOWEL DRESSING		4	15 IN X 20 IN
LIFE SUPPORT PRODUCTS, INC	STERILE BURN/TRAUMA TOWEL		3	12 IN X 12 IN
MOORE MEDICAL GROUP	TRAUMA DRESSING		2	10 IN X 30 IN
FIRST PAC-KIT AID	TRIPLE ANTIBIOTIC OINTMENT		46	.5 GRAMS

FIRST AID ROOM 2017

FIRST AID ONLY	TRIPLE ANTIBIOTIC OINTMENT	60 PACK	.9 GRAMS
FIRST PAC-KIT AID	TRIPLE ANTIBIOTIC PACKETS	60 PACK	.5 GRAMS
SAFETEC OF AMERICA, INC	UNIVERSAL PRECAUTION COMPLIANCE KIT	1	24 IN X 24 IN
TRILLING MEDICAL TECHNOLOGIES, INC	WATER GEL-BURN WRAP EXTINGUISHER	1	3 FT X 2 1/2 FT
TRI-CUT	WATERPROOF ADHESIVE TAPE	5 YARDS	2 IN X 180 IN

MAINTENANCE AND WOODSHOP STORAGE ROOM 2017

CHEMICAL MANUFACTURER	CHEMICAL NAME	COLOR	QTY	CONTAINER SIZE
GABRIEL SERVICE & SUPPLY CO	*NO LABEL* (METAL CONTAINER)	WHITE	1	*NO SIZE*
SHERWIN WILLIAMS	ACETONE R6K9		1	5 GALLON
SHEETROCK BRAND	ALL PURPOSE JOINT COMPOUND		1	12 LB
SHEETROCK BRAND	ALL PURPOSE JOINT COMPOUND		1	61.7 LB
DAP PRODUCTS, INC	BONDEX CONCRETE PATCHER & RESURFACE DRY MIX	GREY	1	10 LB
MEYER	BS-55 CLEANER		1	*NO SIZE* LG WHITE CONTAINER
ZINSSER COMPANY, INC	BULLSEYE 1-2-3 WATER BASED PRIMER SEALER/STAIN KILLER	WHITE	1	1 GALLON
RUST-OLEUM CORPORATION	C9502-504 ACTIVATOR COAL/TAR EPOXY HIGH BUILD		1	1 QUART
RUST-OLEUM CORPORATION	C9578 SYSTEM NO DRIER COAL/TAR EPOXY BASE		1	1 GALLON
DOW CHEMICAL COMPANY	CAPS & SEALS INSULATING FOAM SEALANT-GREAT STUFF		1	12 OZ
BEHR-A MASCO COMPANY	CONCRETE & GARAGE FLOOR PAINT	WHITE BASE	2	122 FL OZ
X-O RUST	ENAMEL OIL BASED INTERIOR/EXTERIOR XO-20	SEAL BROWN	1	1 QUART
ENTHONE-OMI, INC	ENPLATE STOPOFF NO. 1 PLATING/MASKANT FOR NICKEL		1	*NO SIZE*
THE FLOOD COMPANY	ESP EASY SURFACE PREP-TO ANY SURFACE		2	1 QUART
BEHR-A MASCO COMPANY	EXTERIOR SEMI GLOSS DEEP BASE NO. 5340		1	116 FL OZ
BEHR-A MASCO COMPANY	EXTERIOR SEMI GLOSS DEEP BASE NO. 5340	CHOCOLATE SPRINKLE	1	3.43 LITERS
TRUE VALUE HARDWARE STORES	E-Z KARE SEMI GLOSS EZS-P	PURE WHITE	1	4.92 GALLON
E. E. ZIMMERMAN COMPANY	E-Z PAINT THINNER		1	1 GALLON
RUST-OLEUM CORPORATION	FAST DRY HARD HAT FINISH		1	15 OZ
SAINT-GOBAIN TECHNICAL FABRICS	FIBATAPE-SELF ADHESIVE WALL REPAIR		1	65 FT X 1 7/8 IN
ELMER'S PRODUCTS, INC	FIBERGLASS REPAIR RESIN ALL PURPOSE		1	128 FL OZ
RUST-OLEUM CORPORATION	FINISH INDUSTRIAL COATINGS	FLAT BLACK	1	15 OZ
INTENSE	FURNITURE POLISH LEMON OIL		1	17 OZ
THE GLIDDEN COMPANY	HD-6412 WALL & TRIM LATEX ENAMEL SEMI GLOSS BASE 2		2	116 FL OZ
SPEEDY WHITE, INC	HEARTH & STOVE CLEANER		2	1 GALLON
SHERWIN WILLIAMS	INDUSTRIAL & MARINE COATING ENAMEL ULTRA DEEP BASE	SAFETY BLUE	2	122 FL OZ
RUST-OLEUM CORPORATION	INDUSTRIAL COATINGS FINISH	FLAT WHITE	1	15 OZ
RUST-OLEUM CORPORATION	INDUSTRIAL ENAMEL	SAFETY RED	1	1 GALLON
SHERWIN WILLIAMS	INDUSTRIAL ENAMEL (RID OIL)	RED	1	1 GALLON
RUST-OLEUM CORPORATION	INDUSTRIAL ENAMEL-470	ALUMINUM	1	128 FL OZ
BEHR-A MASCO COMPANY	INTERIOR ENAMEL MEDIUM BASE	EGGSHELL	1	120 FL OZ
VALSPAR CORPORATION	INTERIOR LATEX CEILING PAINT 1426	WHITE	1	3.785 LITERS
SHERWIN WILLIAMS	INTERIOR LATEX SATIN	CAFÉ NOIR	2	118 FL OZ
SHERWIN WILLIAMS	INTERIOR LATEX SATIN	CAFÉ NOIR	1	118 FL OZ
VALSPAR CORPORATION	INTERIOR LATEX SEMI GLOSS ENAMEL	JANUARY FROST	1	126 FL OZ
VALSPAR CORPORATION	INTERIOR PASTEL BASE EGGSHELL 4408	ORANGE PULP	1	3.72 LITERS
RUST-OLEUM CORPORATION	INTERIOR SPRAY PAINT ENAMEL	HARVESTER ROUGE	1	15 OZ
VALSPAR CORPORATION	INTERIOR/EXTERIOR ENAMEL	EGGSHELL WHITE	1	3.785 LITERS
RUST-OLEUM CORPORATION	LABOR SAVER 160 THINNER		1	1 GALLON
VALSPAR CORPORATION	NEW CONSTRUCTION PRIMER INTERIOR		1	5 GALLON

MAINTENANCE AND WOODSHOP STORAGE ROOM 2017

DAP PRODUCTS, INC	ORIGINAL WELDWOOD CONTACT CEMENT		1	1 QUART
THORO SYSTEM PRODUCTS	PATCHING MATERIAL FOR CONCRETE, BRICK, MASONRY		1	59 LB
TRI-CHEM CORPORATION	PERMAFILL 3 PART PATCH SYSTEM CONCRETE, STEEL, WOOD		1	5 GALLON
BEHR-A MASCO COMPANY	PORCH & FLOOR PAINT NO. 6795	SLATE GREY	2	1 GALLON
RUST-OLEUM CORPORATION	PRECISION LINE SOLVENT BASED INVERTED MARKING PAINT	YELLOW	1	17 OZ
GENERAL PAINT & MFG CO	PREMIUM DÉCOR-ACRYLIC ENAMEL PDL1 WHITE GLOSS	WATERBORNE	1	1/2 PINT
BEHR-A MASCO COMPANY	PREMIUM PLUS ULTRA PURE	WHITE	1	1 GALLON
RUST-OLEUM CORPORATION	PROFESSIONAL INVERTED STRIPING PAINT 2548	YELLOW	5	18 OZ
VALSPAR CORPORATION	PROFESSIONAL SEMI GLOSS NEUTRAL BASE	BLACK TIE	2	116 FL OZ
RUST-OLEUM CORPORATION	PROTECTIVE ENAMEL HIGH PERFORMANCE OIL BASE K7786	SMOKE GREY	1	1 GALLON
RUST-OLEUM CORPORATION	PROTECTIVE ENAMEL OIL BASED	SAFETY YELLOW	1	128 FL OZ
RUST-OLEUM CORPORATION	PROTECTIVE ENAMEL OIL BASED	YELLOW	1	3.78 LITERS
COMPLEMENTARY COATING GROUP	QUICK DRY ALKYD PRIMER INSL-X COROTECH	GREY	2	1 GALLON
DOW CORNING	RTV SEALANT 732 MULTI PURPOSE SEALANT		1	10.1 FL OZ
BEHR-PREMIUM PLUS, INT	SEMI GLOSS ENAMEL ULTRA PURE	WHITE	1	5 GALLON
RUST-OLEUM CORPORATION	STOPS RUST OIL BASED ENAMEL	RED	1	32 FL OZ
RUST-OLEUM CORPORATION	STOPS RUST PROTECTIVE ENAMEL	FLAT BLACK	1	32 FL OZ
XIM PRODUCTS	TILE DOC ENGINEERED FINISH GLOSS	WHITE	3	15.5 FL OZ
THE THOMPSON-MIRWAX CO	WOOD FINISH STAINS & SEALS		1	1 QUART
TRU-TEST MFG CO	X-O RUST ENAMEL	MACHINERY GREY	1	1 QUART
GPM-PREMIUM DÉCOR	X-O RUST INTERIOR/EXTERIOR OIL BASE PRIMER	1220 WHITE	2	1 GALLON
GPM-PREMIUM DÉCOR	X-O RUST INTERIOR/EXTERIOR OIL/DEEP BASE ENAMEL		2	120 FL OZ
BENJAMIN MOORE	ACRYLIC SEMI GLOSS	SAFETY WHITE	1	1 GALLON
MIN WAX	WOOD STAIN 2750	JACOBAN	1.5	QUARTS
PREMIUM DÉCOR	ACRYLIC ENAMEL	GLOSS WHITE	1	1 GALLON
VALSPAR CORPORATION	INTERIOR EGGSHELL 11814	FLAXEN	2	1 GALLON
RUST-OLEUM CORPORATION	GLOSS PROTECTIVE ENAMEL	BEIGE	3	12 OZ
RUST-OLEUM CORPORATION	PAINTERS TOUCH ULTRA COVER	GLOSS CLEAR	2	12 OZ

ATTACHMENT 2

Indoor Air Sampling Logs



Indoor/Ambient Air Sample Collection Log

Sample ID: IA-SOS1-022217

Client:	Crosman Corp.	Date/Day:	2/22/17
Project:	Crosman	Sample Intake Height:	NA 5'
Location:	East Bloomfield, NY	Subcontractor:	NA
Project #:	B0041501	Miscellaneous Equipment:	SSDS, Maintenance Equipment
Samplers:	NJB/ADR		
Coordinates:	(See attached Figure)	Time Start:	2/22/17 1240
Outdoor/Indoor:	Indoor	End Time:	2/23/17 1150

Instrument Readings:

Time	Canister Pressure (inches Hg)	Temperature (F)	Relative Humidity (%)	Air Speed (ft/min)	Barometric Pressure	PID (ppb)
2/22 1240	-26	79.0	32.5	NA	28.80	0.0
2/23 1150	-2	70.2	47.5	NA	28.61	0.0

SUMMA Canister Information

Size (circle one): 1 L **6 L**

Canister ID: 4549

Flow Controller ID: 5003

General Observations/Notes:

DUP collected

~~-Floor regulator set to 30 min or approximately 167 mL/min.-~~

Indoor/Ambient Air Sample Collection Log

Sample ID: IA-SDS2-022217

Client:	Crosman Corp.	Date/Day:	2/22/17
Project:	Crosman	Sample Intake Height:	NA 5'
Location:	East Bloomfield, NY	Subcontractor:	NA
Project #:	B0041501	Miscellaneous Equipment:	SSDS, Maintenance Equipment
Samplers:	NJB/ADR	Time Start:	2/22/17 1220
Coordinates:	(See attached Figure)	End Time:	2/23/17 1220
Outdoor/Indoor:	Indoor		

Instrument Readings:

Time	Canister Pressure (inches Hg)	Temperature (F)	Relative Humidity (%)	Air Speed (ft/min)	Barometric Pressure	PID (ppb)
2/22 1220	-29	80.2	35.9	—	28.79	0.0
2/23 1220	-16	68.8	48.7	—	28.60	0.0

SUMMA Canister Information

Size (circle one): 1 L **6 L**

Canister ID: 2669

Flow Controller ID: 3121

General Observations/Notes:

-Floor regulator set to 30 min or approximately 167 mL/min.



Indoor/Ambient Air Sample Collection Log

Sample ID: DUP - 022217

Client:	Crosman Corp.	Date/Day:	<u>2/22/17</u>
Project:	Crosman	Sample Intake Height:	NA <u>5'</u>
Location:	East Bloomfield, NY	Subcontractor:	NA
Project #:	B0041501	Miscellaneous Equipment:	SSDS, Maintenance Equipment
Samplers:	NJB/ADR	Time Start:	<u>2/22/17 1240</u>
Coordinates:	(See attached Figure)	End Time:	<u>2/23/17 1158</u>
Outdoor/Indoor:	<u>Indoor</u>		

Instrument Readings:

Time	Canister Pressure (inches Hg)	Temperature (F)	Relative Humidity (%)	Air Speed (ft/min)	Barometric Pressure	PID (ppb)
<u>2/22 1240</u>	<u>-29</u>	<u>79.0</u>	<u>32.5</u>	<u>—</u>	<u>28.80</u>	<u>0.0</u>
<u>2/23 1150</u>	<u>-6</u>	<u>70.2</u>	<u>47.5</u>	<u>—</u>	<u>28.61</u>	<u>0.0</u>

SUMMA Canister Information

Size (circle one): 1 L 6 L

Canister ID: 5979

Flow Controller ID: 3772

General Observations/Notes:

<u>collected @ SDS-1</u>
<u>-Floor regulator set to 30 min or approximately 167 mL/min-</u>

ATTACHMENT 3

Indoor Air Analytical Laboratory Data Package



ANALYTICAL REPORT

Job Number: 200-37514-1
Job Description: Crosman Vapor

For:
ARCADIS U.S. Inc
855 Route 146
Suite 210
Clifton Park, NY 12065
Attention: Christopher Davern



Approved for release.
Kathryn A Kelly
Project Manager I
3/9/2017 5:24 PM

Designee for
Don C Dawicki, Manager of Project Management
30 Community Drive, South Burlington, VT, 05403
(802)660-1990
don.dawicki@testamericainc.com
03/09/2017

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

Table of Contents

Cover Title Page	1
Data Summaries	4
Definitions	4
Case Narrative	5
Detection Summary	6
Client Sample Results	8
Default Detection Limits	12
QC Sample Results	13
QC Association	15
Chronicle	16
Certification Summary	17
Method Summary	18
Sample Summary	19
Manual Integration Summary	20
Reagent Traceability	21
COAs	87
Organic Sample Data	90
Air - GC/MS VOA	90
Method TO15	90
Method TO15 QC Summary	91
Method TO15 Sample Data	97
Standards Data	144
Method TO15 ICAL Data	144
Method TO15 CCAL Data	192
Raw QC Data	206
Method TO15 Tune Data	206

Table of Contents

Method TO15 Blank Data	214
Method TO15 LCS/LCSD Data	220
Method TO15 Run Logs	225
Method TO15 Prep Data	227
Air Canister Dilution	228
Clean Canister Certification	229
Pre-shipment Certification	229
LCS Data	232
Blank Data	238
Tune Data	262
IS/RT Data	268
Clean Canister Data	274
ICAL Data	295
ICV/CCV Data	325
Run Logs	343
Shipping and Receiving Documents	349
Client Chain of Custody	350
Sample Receipt Checklist	352

Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

CASE NARRATIVE

Client: ARCADIS U.S. Inc

Project: Crosman Vapor

Report Number: 200-37514-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

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

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

RECEIPT

The samples were received on 02/24/2017; the samples arrived in good condition.

There is a discrepancy between the chain-of-custody and the samples received. The COC lists an air canister ID of 2667 for sample IA-SDS2-022217, while the actual canister ID is 2669.

During the canister pressure check performed upon receipt, it was observed that sample IA-SDS2-022217 was received at an elevated residual vacuum level of -16.4"Hg. The associated flow controller was evaluated upon receipt and found to exhibit a decreased flow rate as compared to the original set flow rate.

VOLATILE ORGANIC COMPOUNDS

Samples IA-SDS1-022217, IA-SDS2-022217, AMB-022217 and DUP-022217 were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 02/28/2017.

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

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Client Sample ID: IA-SDS1-022217

Lab Sample ID: 200-37514-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.24	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.070		0.040	0.011	ppb v/v	1		TO-15	Total/NA
Benzene	0.30		0.20	0.028	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.33		0.040	0.0091	ppb v/v	1		TO-15	Total/NA
Toluene	2.5		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.034	J	0.20	0.0098	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.43	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.17	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	28		12	3.1	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.85	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.44		0.25	0.069	ug/m3	1		TO-15	Total/NA
Benzene	0.97		0.64	0.089	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.8		0.21	0.049	ug/m3	1		TO-15	Total/NA
Toluene	9.3		0.75	0.13	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.23	J	1.4	0.066	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.8	J	2.2	0.33	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.74	J	0.87	0.17	ug/m3	1		TO-15	Total/NA

Client Sample ID: IA-SDS2-022217

Lab Sample ID: 200-37514-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.028	J	0.040	0.018	ppb v/v	1		TO-15	Total/NA
Acetone	11		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.26	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.087		0.040	0.011	ppb v/v	1		TO-15	Total/NA
Benzene	0.74		0.20	0.028	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.12		0.040	0.0091	ppb v/v	1		TO-15	Total/NA
Toluene	0.81		0.20	0.035	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.24	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.11	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.072	J	0.10	0.046	ug/m3	1		TO-15	Total/NA
Acetone	27		12	3.1	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.92	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.55		0.25	0.069	ug/m3	1		TO-15	Total/NA
Benzene	2.4		0.64	0.089	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.65		0.21	0.049	ug/m3	1		TO-15	Total/NA
Toluene	3.0		0.75	0.13	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.0	J	2.2	0.33	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.49	J	0.87	0.17	ug/m3	1		TO-15	Total/NA

Client Sample ID: AMB-022217

Lab Sample ID: 200-37514-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.065		0.040	0.011	ppb v/v	1		TO-15	Total/NA
Benzene	0.18	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
Toluene	0.20		0.20	0.035	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Client Sample ID: AMB-022217 (Continued)

Lab Sample ID: 200-37514-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylene	0.11	J	0.50	0.077	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.045	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.6	J	12	3.1	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41		0.25	0.069	ug/m3	1		TO-15	Total/NA
Benzene	0.57	J	0.64	0.089	ug/m3	1		TO-15	Total/NA
Toluene	0.74		0.75	0.13	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.46	J	2.2	0.33	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.19	J	0.87	0.17	ug/m3	1		TO-15	Total/NA

Client Sample ID: DUP-022217

Lab Sample ID: 200-37514-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.25	J	0.50	0.068	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.074		0.040	0.011	ppb v/v	1		TO-15	Total/NA
Benzene	0.32		0.20	0.028	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.34		0.040	0.0091	ppb v/v	1		TO-15	Total/NA
Toluene	1.3		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.020	J	0.20	0.0098	ppb v/v	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	30		12	3.1	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.88	J	1.7	0.24	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.47		0.25	0.069	ug/m3	1		TO-15	Total/NA
Benzene	1.0		0.64	0.089	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.8		0.21	0.049	ug/m3	1		TO-15	Total/NA
Toluene	4.8		0.75	0.13	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.14	J	1.4	0.066	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Client Sample ID: IA-SDS1-022217

Lab Sample ID: 200-37514-1

Date Collected: 02/23/17 11:50

Matrix: Air

Date Received: 02/24/17 10:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.040	U	0.040	0.018	ppb v/v			02/28/17 16:37	1
1,1-Dichloroethene	0.20	U	0.20	0.035	ppb v/v			02/28/17 16:37	1
Acetone	12		5.0	1.3	ppb v/v			02/28/17 16:37	1
Methylene Chloride	0.24	J	0.50	0.068	ppb v/v			02/28/17 16:37	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.050	ppb v/v			02/28/17 16:37	1
1,1-Dichloroethane	0.20	U	0.20	0.017	ppb v/v			02/28/17 16:37	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.029	ppb v/v			02/28/17 16:37	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.029	ppb v/v			02/28/17 16:37	1
1,1,1-Trichloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 16:37	1
Carbon tetrachloride	0.070		0.040	0.011	ppb v/v			02/28/17 16:37	1
Benzene	0.30		0.20	0.028	ppb v/v			02/28/17 16:37	1
Trichloroethene	0.33		0.040	0.0091	ppb v/v			02/28/17 16:37	1
Toluene	2.5		0.20	0.035	ppb v/v			02/28/17 16:37	1
Tetrachloroethene	0.034	J	0.20	0.0098	ppb v/v			02/28/17 16:37	1
Chlorobenzene	0.20	U	0.20	0.025	ppb v/v			02/28/17 16:37	1
m,p-Xylene	0.43	J	0.50	0.077	ppb v/v			02/28/17 16:37	1
Xylene, o-	0.17	J	0.20	0.040	ppb v/v			02/28/17 16:37	1
Bromoform	0.20	U	0.20	0.035	ppb v/v			02/28/17 16:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 16:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.10	U	0.10	0.046	ug/m3			02/28/17 16:37	1
1,1-Dichloroethene	0.79	U	0.79	0.14	ug/m3			02/28/17 16:37	1
Acetone	28		12	3.1	ug/m3			02/28/17 16:37	1
Methylene Chloride	0.85	J	1.7	0.24	ug/m3			02/28/17 16:37	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.20	ug/m3			02/28/17 16:37	1
1,1-Dichloroethane	0.81	U	0.81	0.069	ug/m3			02/28/17 16:37	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			02/28/17 16:37	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.11	ug/m3			02/28/17 16:37	1
1,1,1-Trichloroethane	1.1	U	1.1	0.14	ug/m3			02/28/17 16:37	1
Carbon tetrachloride	0.44		0.25	0.069	ug/m3			02/28/17 16:37	1
Benzene	0.97		0.64	0.089	ug/m3			02/28/17 16:37	1
Trichloroethene	1.8		0.21	0.049	ug/m3			02/28/17 16:37	1
Toluene	9.3		0.75	0.13	ug/m3			02/28/17 16:37	1
Tetrachloroethene	0.23	J	1.4	0.066	ug/m3			02/28/17 16:37	1
Chlorobenzene	0.92	U	0.92	0.12	ug/m3			02/28/17 16:37	1
m,p-Xylene	1.8	J	2.2	0.33	ug/m3			02/28/17 16:37	1
Xylene, o-	0.74	J	0.87	0.17	ug/m3			02/28/17 16:37	1
Bromoform	2.1	U	2.1	0.36	ug/m3			02/28/17 16:37	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.18	ug/m3			02/28/17 16:37	1

Client Sample ID: IA-SDS2-022217

Lab Sample ID: 200-37514-2

Date Collected: 02/23/17 12:20

Matrix: Air

Date Received: 02/24/17 10:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.028	J	0.040	0.018	ppb v/v			02/28/17 17:29	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Client Sample ID: IA-SDS2-022217

Lab Sample ID: 200-37514-2

Date Collected: 02/23/17 12:20

Matrix: Air

Date Received: 02/24/17 10:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.20	U	0.20	0.035	ppb v/v			02/28/17 17:29	1
Acetone	11		5.0	1.3	ppb v/v			02/28/17 17:29	1
Methylene Chloride	0.26	J	0.50	0.068	ppb v/v			02/28/17 17:29	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.050	ppb v/v			02/28/17 17:29	1
1,1-Dichloroethane	0.20	U	0.20	0.017	ppb v/v			02/28/17 17:29	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.029	ppb v/v			02/28/17 17:29	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.029	ppb v/v			02/28/17 17:29	1
1,1,1-Trichloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 17:29	1
Carbon tetrachloride	0.087		0.040	0.011	ppb v/v			02/28/17 17:29	1
Benzene	0.74		0.20	0.028	ppb v/v			02/28/17 17:29	1
Trichloroethene	0.12		0.040	0.0091	ppb v/v			02/28/17 17:29	1
Toluene	0.81		0.20	0.035	ppb v/v			02/28/17 17:29	1
Tetrachloroethene	0.20	U	0.20	0.0098	ppb v/v			02/28/17 17:29	1
Chlorobenzene	0.20	U	0.20	0.025	ppb v/v			02/28/17 17:29	1
m,p-Xylene	0.24	J	0.50	0.077	ppb v/v			02/28/17 17:29	1
Xylene, o-	0.11	J	0.20	0.040	ppb v/v			02/28/17 17:29	1
Bromoform	0.20	U	0.20	0.035	ppb v/v			02/28/17 17:29	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 17:29	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.072	J	0.10	0.046	ug/m3			02/28/17 17:29	1
1,1-Dichloroethene	0.79	U	0.79	0.14	ug/m3			02/28/17 17:29	1
Acetone	27		12	3.1	ug/m3			02/28/17 17:29	1
Methylene Chloride	0.92	J	1.7	0.24	ug/m3			02/28/17 17:29	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.20	ug/m3			02/28/17 17:29	1
1,1-Dichloroethane	0.81	U	0.81	0.069	ug/m3			02/28/17 17:29	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			02/28/17 17:29	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.11	ug/m3			02/28/17 17:29	1
1,1,1-Trichloroethane	1.1	U	1.1	0.14	ug/m3			02/28/17 17:29	1
Carbon tetrachloride	0.55		0.25	0.069	ug/m3			02/28/17 17:29	1
Benzene	2.4		0.64	0.089	ug/m3			02/28/17 17:29	1
Trichloroethene	0.65		0.21	0.049	ug/m3			02/28/17 17:29	1
Toluene	3.0		0.75	0.13	ug/m3			02/28/17 17:29	1
Tetrachloroethene	1.4	U	1.4	0.066	ug/m3			02/28/17 17:29	1
Chlorobenzene	0.92	U	0.92	0.12	ug/m3			02/28/17 17:29	1
m,p-Xylene	1.0	J	2.2	0.33	ug/m3			02/28/17 17:29	1
Xylene, o-	0.49	J	0.87	0.17	ug/m3			02/28/17 17:29	1
Bromoform	2.1	U	2.1	0.36	ug/m3			02/28/17 17:29	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.18	ug/m3			02/28/17 17:29	1

Client Sample ID: AMB-022217

Lab Sample ID: 200-37514-3

Date Collected: 02/23/17 12:00

Matrix: Air

Date Received: 02/24/17 10:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.040	U	0.040	0.018	ppb v/v			02/28/17 18:22	1
1,1-Dichloroethene	0.20	U	0.20	0.035	ppb v/v			02/28/17 18:22	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Client Sample ID: AMB-022217

Lab Sample ID: 200-37514-3

Date Collected: 02/23/17 12:00

Matrix: Air

Date Received: 02/24/17 10:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.8	J	5.0	1.3	ppb v/v			02/28/17 18:22	1
Methylene Chloride	0.50	U	0.50	0.068	ppb v/v			02/28/17 18:22	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.050	ppb v/v			02/28/17 18:22	1
1,1-Dichloroethane	0.20	U	0.20	0.017	ppb v/v			02/28/17 18:22	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.029	ppb v/v			02/28/17 18:22	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.029	ppb v/v			02/28/17 18:22	1
1,1,1-Trichloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 18:22	1
Carbon tetrachloride	0.065		0.040	0.011	ppb v/v			02/28/17 18:22	1
Benzene	0.18	J	0.20	0.028	ppb v/v			02/28/17 18:22	1
Trichloroethene	0.040	U	0.040	0.0091	ppb v/v			02/28/17 18:22	1
Toluene	0.20		0.20	0.035	ppb v/v			02/28/17 18:22	1
Tetrachloroethene	0.20	U	0.20	0.0098	ppb v/v			02/28/17 18:22	1
Chlorobenzene	0.20	U	0.20	0.025	ppb v/v			02/28/17 18:22	1
m,p-Xylene	0.11	J	0.50	0.077	ppb v/v			02/28/17 18:22	1
Xylene, o-	0.045	J	0.20	0.040	ppb v/v			02/28/17 18:22	1
Bromoform	0.20	U	0.20	0.035	ppb v/v			02/28/17 18:22	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 18:22	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.10	U	0.10	0.046	ug/m3			02/28/17 18:22	1
1,1-Dichloroethene	0.79	U	0.79	0.14	ug/m3			02/28/17 18:22	1
Acetone	6.6	J	12	3.1	ug/m3			02/28/17 18:22	1
Methylene Chloride	1.7	U	1.7	0.24	ug/m3			02/28/17 18:22	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.20	ug/m3			02/28/17 18:22	1
1,1-Dichloroethane	0.81	U	0.81	0.069	ug/m3			02/28/17 18:22	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			02/28/17 18:22	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.11	ug/m3			02/28/17 18:22	1
1,1,1-Trichloroethane	1.1	U	1.1	0.14	ug/m3			02/28/17 18:22	1
Carbon tetrachloride	0.41		0.25	0.069	ug/m3			02/28/17 18:22	1
Benzene	0.57	J	0.64	0.089	ug/m3			02/28/17 18:22	1
Trichloroethene	0.21	U	0.21	0.049	ug/m3			02/28/17 18:22	1
Toluene	0.74		0.75	0.13	ug/m3			02/28/17 18:22	1
Tetrachloroethene	1.4	U	1.4	0.066	ug/m3			02/28/17 18:22	1
Chlorobenzene	0.92	U	0.92	0.12	ug/m3			02/28/17 18:22	1
m,p-Xylene	0.46	J	2.2	0.33	ug/m3			02/28/17 18:22	1
Xylene, o-	0.19	J	0.87	0.17	ug/m3			02/28/17 18:22	1
Bromoform	2.1	U	2.1	0.36	ug/m3			02/28/17 18:22	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.18	ug/m3			02/28/17 18:22	1

Client Sample ID: DUP-022217

Lab Sample ID: 200-37514-4

Date Collected: 02/23/17 11:50

Matrix: Air

Date Received: 02/24/17 10:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.040	U	0.040	0.018	ppb v/v			02/28/17 19:14	1
1,1-Dichloroethene	0.20	U	0.20	0.035	ppb v/v			02/28/17 19:14	1
Acetone	13		5.0	1.3	ppb v/v			02/28/17 19:14	1

TestAmerica Burlington

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Client Sample ID: DUP-022217

Lab Sample ID: 200-37514-4

Date Collected: 02/23/17 11:50

Matrix: Air

Date Received: 02/24/17 10:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.25	J	0.50	0.068	ppb v/v			02/28/17 19:14	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.050	ppb v/v			02/28/17 19:14	1
1,1-Dichloroethane	0.20	U	0.20	0.017	ppb v/v			02/28/17 19:14	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.029	ppb v/v			02/28/17 19:14	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.029	ppb v/v			02/28/17 19:14	1
1,1,1-Trichloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 19:14	1
Carbon tetrachloride	0.074		0.040	0.011	ppb v/v			02/28/17 19:14	1
Benzene	0.32		0.20	0.028	ppb v/v			02/28/17 19:14	1
Trichloroethene	0.34		0.040	0.0091	ppb v/v			02/28/17 19:14	1
Toluene	1.3		0.20	0.035	ppb v/v			02/28/17 19:14	1
Tetrachloroethene	0.020	J	0.20	0.0098	ppb v/v			02/28/17 19:14	1
Chlorobenzene	0.20	U	0.20	0.025	ppb v/v			02/28/17 19:14	1
m,p-Xylene	0.50	U	0.50	0.077	ppb v/v			02/28/17 19:14	1
Xylene, o-	0.20	U	0.20	0.040	ppb v/v			02/28/17 19:14	1
Bromoform	0.20	U	0.20	0.035	ppb v/v			02/28/17 19:14	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 19:14	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.10	U	0.10	0.046	ug/m3			02/28/17 19:14	1
1,1-Dichloroethene	0.79	U	0.79	0.14	ug/m3			02/28/17 19:14	1
Acetone	30		12	3.1	ug/m3			02/28/17 19:14	1
Methylene Chloride	0.88	J	1.7	0.24	ug/m3			02/28/17 19:14	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.20	ug/m3			02/28/17 19:14	1
1,1-Dichloroethane	0.81	U	0.81	0.069	ug/m3			02/28/17 19:14	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			02/28/17 19:14	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.11	ug/m3			02/28/17 19:14	1
1,1,1-Trichloroethane	1.1	U	1.1	0.14	ug/m3			02/28/17 19:14	1
Carbon tetrachloride	0.47		0.25	0.069	ug/m3			02/28/17 19:14	1
Benzene	1.0		0.64	0.089	ug/m3			02/28/17 19:14	1
Trichloroethene	1.8		0.21	0.049	ug/m3			02/28/17 19:14	1
Toluene	4.8		0.75	0.13	ug/m3			02/28/17 19:14	1
Tetrachloroethene	0.14	J	1.4	0.066	ug/m3			02/28/17 19:14	1
Chlorobenzene	0.92	U	0.92	0.12	ug/m3			02/28/17 19:14	1
m,p-Xylene	2.2	U	2.2	0.33	ug/m3			02/28/17 19:14	1
Xylene, o-	0.87	U	0.87	0.17	ug/m3			02/28/17 19:14	1
Bromoform	2.1	U	2.1	0.36	ug/m3			02/28/17 19:14	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.18	ug/m3			02/28/17 19:14	1

Default Detection Limits

Client: ARCADIS U.S. Inc
 Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	RL	MDL	Units	Method
1,1,1-Trichloroethane	0.20	0.026	ppb v/v	TO-15
1,1,1-Trichloroethane	1.1	0.14	ug/m3	TO-15
1,1,2,2-Tetrachloroethane	0.20	0.026	ppb v/v	TO-15
1,1,2,2-Tetrachloroethane	1.4	0.18	ug/m3	TO-15
1,1-Dichloroethane	0.20	0.017	ppb v/v	TO-15
1,1-Dichloroethane	0.81	0.069	ug/m3	TO-15
1,1-Dichloroethene	0.20	0.035	ppb v/v	TO-15
1,1-Dichloroethene	0.79	0.14	ug/m3	TO-15
1,2-Dichloroethene, Total	0.40	0.029	ppb v/v	TO-15
1,2-Dichloroethene, Total	1.6	0.11	ug/m3	TO-15
Acetone	5.0	1.3	ppb v/v	TO-15
Acetone	12	3.1	ug/m3	TO-15
Benzene	0.20	0.028	ppb v/v	TO-15
Benzene	0.64	0.089	ug/m3	TO-15
Bromoform	0.20	0.035	ppb v/v	TO-15
Bromoform	2.1	0.36	ug/m3	TO-15
Carbon tetrachloride	0.040	0.011	ppb v/v	TO-15
Carbon tetrachloride	0.25	0.069	ug/m3	TO-15
Chlorobenzene	0.20	0.025	ppb v/v	TO-15
Chlorobenzene	0.92	0.12	ug/m3	TO-15
cis-1,2-Dichloroethene	0.20	0.029	ppb v/v	TO-15
cis-1,2-Dichloroethene	0.79	0.11	ug/m3	TO-15
m,p-Xylene	0.50	0.077	ppb v/v	TO-15
m,p-Xylene	2.2	0.33	ug/m3	TO-15
Methylene Chloride	0.50	0.068	ppb v/v	TO-15
Methylene Chloride	1.7	0.24	ug/m3	TO-15
Tetrachloroethene	0.20	0.0098	ppb v/v	TO-15
Tetrachloroethene	1.4	0.066	ug/m3	TO-15
Toluene	0.20	0.035	ppb v/v	TO-15
Toluene	0.75	0.13	ug/m3	TO-15
trans-1,2-Dichloroethene	0.20	0.050	ppb v/v	TO-15
trans-1,2-Dichloroethene	0.79	0.20	ug/m3	TO-15
Trichloroethene	0.040	0.0091	ppb v/v	TO-15
Trichloroethene	0.21	0.049	ug/m3	TO-15
Vinyl chloride	0.040	0.018	ppb v/v	TO-15
Vinyl chloride	0.10	0.046	ug/m3	TO-15
Xylene, o-	0.20	0.040	ppb v/v	TO-15
Xylene, o-	0.87	0.17	ug/m3	TO-15

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-114478/4
Matrix: Air
Analysis Batch: 114478

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Vinyl chloride	0.040	U	0.040	0.018	ppb v/v			02/28/17 13:34	1
1,1-Dichloroethene	0.20	U	0.20	0.035	ppb v/v			02/28/17 13:34	1
Acetone	5.0	U	5.0	1.3	ppb v/v			02/28/17 13:34	1
Methylene Chloride	0.50	U	0.50	0.068	ppb v/v			02/28/17 13:34	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.050	ppb v/v			02/28/17 13:34	1
1,1-Dichloroethane	0.20	U	0.20	0.017	ppb v/v			02/28/17 13:34	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.029	ppb v/v			02/28/17 13:34	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.029	ppb v/v			02/28/17 13:34	1
1,1,1-Trichloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 13:34	1
Carbon tetrachloride	0.040	U	0.040	0.011	ppb v/v			02/28/17 13:34	1
Benzene	0.20	U	0.20	0.028	ppb v/v			02/28/17 13:34	1
Trichloroethene	0.040	U	0.040	0.0091	ppb v/v			02/28/17 13:34	1
Toluene	0.20	U	0.20	0.035	ppb v/v			02/28/17 13:34	1
Tetrachloroethene	0.20	U	0.20	0.0098	ppb v/v			02/28/17 13:34	1
Chlorobenzene	0.20	U	0.20	0.025	ppb v/v			02/28/17 13:34	1
m,p-Xylene	0.50	U	0.50	0.077	ppb v/v			02/28/17 13:34	1
Xylene, o-	0.20	U	0.20	0.040	ppb v/v			02/28/17 13:34	1
Bromoform	0.20	U	0.20	0.035	ppb v/v			02/28/17 13:34	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.026	ppb v/v			02/28/17 13:34	1

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Vinyl chloride	0.10	U	0.10	0.046	ug/m3			02/28/17 13:34	1
1,1-Dichloroethene	0.79	U	0.79	0.14	ug/m3			02/28/17 13:34	1
Acetone	12	U	12	3.1	ug/m3			02/28/17 13:34	1
Methylene Chloride	1.7	U	1.7	0.24	ug/m3			02/28/17 13:34	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.20	ug/m3			02/28/17 13:34	1
1,1-Dichloroethane	0.81	U	0.81	0.069	ug/m3			02/28/17 13:34	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			02/28/17 13:34	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.11	ug/m3			02/28/17 13:34	1
1,1,1-Trichloroethane	1.1	U	1.1	0.14	ug/m3			02/28/17 13:34	1
Carbon tetrachloride	0.25	U	0.25	0.069	ug/m3			02/28/17 13:34	1
Benzene	0.64	U	0.64	0.089	ug/m3			02/28/17 13:34	1
Trichloroethene	0.21	U	0.21	0.049	ug/m3			02/28/17 13:34	1
Toluene	0.75	U	0.75	0.13	ug/m3			02/28/17 13:34	1
Tetrachloroethene	1.4	U	1.4	0.066	ug/m3			02/28/17 13:34	1
Chlorobenzene	0.92	U	0.92	0.12	ug/m3			02/28/17 13:34	1
m,p-Xylene	2.2	U	2.2	0.33	ug/m3			02/28/17 13:34	1
Xylene, o-	0.87	U	0.87	0.17	ug/m3			02/28/17 13:34	1
Bromoform	2.1	U	2.1	0.36	ug/m3			02/28/17 13:34	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.18	ug/m3			02/28/17 13:34	1

Lab Sample ID: LCS 200-114478/5
Matrix: Air
Analysis Batch: 114478

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Vinyl chloride	10.0	9.73		ppb v/v		97	62 - 125
1,1-Dichloroethene	10.0	9.71		ppb v/v		97	67 - 127

TestAmerica Burlington

QC Sample Results

Client: ARCADIS U.S. Inc
 Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-114478/5

Matrix: Air

Analysis Batch: 114478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	10.2		ppb v/v		102	64 - 136
Methylene Chloride	10.0	9.84		ppb v/v		98	62 - 122
trans-1,2-Dichloroethene	10.0	10.8		ppb v/v		108	72 - 132
1,1-Dichloroethane	10.0	9.85		ppb v/v		99	66 - 126
cis-1,2-Dichloroethene	10.0	9.68		ppb v/v		97	67 - 127
1,1,1-Trichloroethane	10.0	10.5		ppb v/v		105	70 - 130
Carbon tetrachloride	10.0	10.3		ppb v/v		103	62 - 143
Benzene	10.0	9.72		ppb v/v		97	67 - 127
Trichloroethene	10.0	9.35		ppb v/v		94	68 - 128
Toluene	10.0	9.82		ppb v/v		98	67 - 127
Tetrachloroethene	10.0	9.77		ppb v/v		98	70 - 130
Chlorobenzene	10.0	9.77		ppb v/v		98	68 - 128
m,p-Xylene	20.0	19.7		ppb v/v		99	68 - 128
Xylene, o-	10.0	9.75		ppb v/v		98	67 - 127
Bromoform	10.0	10.0		ppb v/v		100	34 - 170
1,1,2,2-Tetrachloroethane	10.0	9.58		ppb v/v		96	69 - 129

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	26	24.9		ug/m3		97	62 - 125
1,1-Dichloroethene	40	38.5		ug/m3		97	67 - 127
Acetone	24	24.2		ug/m3		102	64 - 136
Methylene Chloride	35	34.2		ug/m3		98	62 - 122
trans-1,2-Dichloroethene	40	42.7		ug/m3		108	72 - 132
1,1-Dichloroethane	40	39.9		ug/m3		99	66 - 126
cis-1,2-Dichloroethene	40	38.4		ug/m3		97	67 - 127
1,1,1-Trichloroethane	55	57.3		ug/m3		105	70 - 130
Carbon tetrachloride	63	64.7		ug/m3		103	62 - 143
Benzene	32	31.1		ug/m3		97	67 - 127
Trichloroethene	54	50.2		ug/m3		94	68 - 128
Toluene	38	37.0		ug/m3		98	67 - 127
Tetrachloroethene	68	66.3		ug/m3		98	70 - 130
Chlorobenzene	46	45.0		ug/m3		98	68 - 128
m,p-Xylene	87	85.7		ug/m3		99	68 - 128
Xylene, o-	43	42.3		ug/m3		98	67 - 127
Bromoform	100	104		ug/m3		100	34 - 170
1,1,2,2-Tetrachloroethane	69	65.8		ug/m3		96	69 - 129

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Air - GC/MS VOA

Analysis Batch: 114478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-37514-1	IA-SDS1-022217	Total/NA	Air	TO-15	
200-37514-2	IA-SDS2-022217	Total/NA	Air	TO-15	
200-37514-3	AMB-022217	Total/NA	Air	TO-15	
200-37514-4	DUP-022217	Total/NA	Air	TO-15	
MB 200-114478/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-114478/5	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Client Sample ID: IA-SDS1-022217

Date Collected: 02/23/17 11:50

Date Received: 02/24/17 10:30

Lab Sample ID: 200-37514-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	114478	02/28/17 16:37	P1M	TAL BUR

Client Sample ID: IA-SDS2-022217

Date Collected: 02/23/17 12:20

Date Received: 02/24/17 10:30

Lab Sample ID: 200-37514-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	114478	02/28/17 17:29	P1M	TAL BUR

Client Sample ID: AMB-022217

Date Collected: 02/23/17 12:00

Date Received: 02/24/17 10:30

Lab Sample ID: 200-37514-3

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	114478	02/28/17 18:22	P1M	TAL BUR

Client Sample ID: DUP-022217

Date Collected: 02/23/17 11:50

Date Received: 02/24/17 10:30

Lab Sample ID: 200-37514-4

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	114478	02/28/17 19:14	P1M	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Laboratory: TestAmerica Burlington

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-17
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-02-18
Florida	NELAP	4	E87467	06-30-17
L-A-B	DoD ELAP		L2336	03-25-17 *
Maine	State Program	1	VT00008	04-17-17 *
Minnesota	NELAP	5	050-999-436	12-31-17
New Hampshire	NELAP	1	2006	12-18-17
New Jersey	NELAP	2	VT972	06-30-17
New York	NELAP	2	10391	04-01-17 *
Pennsylvania	NELAP	3	68-00489	04-30-17 *
Rhode Island	State Program	1	LAO00298	12-30-17
US Fish & Wildlife	Federal		LE-058448-0	10-31-17
USDA	Federal		P330-11-00093	12-05-19
Vermont	State Program	1	VT-4000	12-31-17
Virginia	NELAP	3	460209	12-14-17

* Certification renewal pending - certification considered valid.

TestAmerica Burlington

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: Crosman Vapor

TestAmerica Job ID: 200-37514-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-37514-1	IA-SDS1-022217	Air	02/23/17 11:50	02/24/17 10:30
200-37514-2	IA-SDS2-022217	Air	02/23/17 12:20	02/24/17 10:30
200-37514-3	AMB-022217	Air	02/23/17 12:00	02/24/17 10:30
200-37514-4	DUP-022217	Air	02/23/17 11:50	02/24/17 10:30

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-37514-1

SDG No.: _____

Instrument ID: CHB.i Analysis Batch Number: 113539

Lab Sample ID: IC 200-113539/3 Client Sample ID: _____

Date Analyzed: 01/25/17 19:00 Lab File ID: 23655_03.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	11.51	Baseline	daiglep	01/26/17 09:01

Lab Sample ID: IC 200-113539/4 Client Sample ID: _____

Date Analyzed: 01/25/17 19:53 Lab File ID: 23655_04.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl tert-butyl ether	7.68	Baseline	daiglep	01/26/17 09:03
1,1,1-Trichloroethane	10.07	Baseline	daiglep	01/26/17 09:03
Cyclohexane	10.08	Baseline	daiglep	01/26/17 09:03
cis-1,3-Dichloropropene	12.86	Baseline	daiglep	01/26/17 09:03

Lab Sample ID: IC 200-113539/5 Client Sample ID: _____

Date Analyzed: 01/25/17 20:46 Lab File ID: 23655_05.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	6.73	Missed Peak	daiglep	01/26/17 09:04

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15BISs_00006	02/12/19		Spectra Gases, Lot CC-90953			(Purchased Reagent)	1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
ATTO15CAL1w_00170	04/16/17	01/20/17	Zero Air, Lot 12	15.463 L	ATTO15CAL6w_00136	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2-Butanone (MEK)	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
2-Hexanone	0.20044 ppb v/v							
2-Methyl-2-propanol	0.20044 ppb v/v							
2-Methylbutane	0.20044 ppb v/v							

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloro-1-propene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v
							4-Methyl-2-pentanone (MIBK)	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Butadiene	0.20044 ppb v/v
							Butane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chlorodibromomethane	0.20044 ppb v/v
							Chlorodifluoromethane	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v
							Dichlorobromomethane	0.20044 ppb v/v
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Ethylene Dibromide	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							Hexane	0.20044 ppb v/v
							Isooctane	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							Isopropylbenzene	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							N-Propylbenzene	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.20044 ppb v/v
							Vinyl bromide	0.20044 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00136	04/16/17	01/19/17	Zero Air, Lot 13	15.463 L	ATTO15CALSTKi_00089	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2-Butanone (MEK)	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Hexanone	19.9961 ppb v/v
							2-Methyl-2-propanol	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloro-1-propene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (MIBK)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Butadiene	19.9961 ppb v/v
							Butane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodibromomethane	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorobromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylene Dibromide	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Hexane	19.9961 ppb v/v
							Isooctane	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							Isopropylbenzene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							N-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl bromide	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00079	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00089	04/16/17	01/16/17	Zero Air, Lot 13	37.5 L	ATTO15CALs_00026	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2-Butanone (MEK)	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methyl-2-propanol	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (MIBK)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Ethylene Dibromide	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00026	12/19/17		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2-Butanone (MEK)	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methyl-2-propanol	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (MIBK)	1 ppm v/v
							Acetone	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodibromomethane	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Hexane	1 ppm v/v
							Isooctane	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00079	04/18/17	01/18/17	Zero Air, Lot 12	37.5 ppb	ATTO15EthCALs_00008	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00008	09/05/18		Chem Service, Lot 5301900		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00231	04/16/17	01/20/17	Zero Air, Lot 12	15.463 L	ATTO15CAL6w_00136	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dioxane	0.500453 ppb v/v
							2-Butanone (MEK)	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Hexanone	0.500453 ppb v/v
							2-Methyl-2-propanol	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloro-1-propene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							4-Methyl-2-pentanone (MIBK)	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Butadiene	0.500453 ppb v/v
							Butane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodibromomethane	0.500453 ppb v/v
							Chlorodifluoromethane	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorobromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Ethylene Dibromide	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Hexane	0.500453 ppb v/v
							Isooctane	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							Isopropylbenzene	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							N-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.500453 ppb v/v
							Vinyl bromide	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00079	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00136	04/16/17	01/19/17	Zero Air, Lot 13	15.463 L	ATTO15CALSTKi_00089	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2-Butanone (MEK)	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Hexanone	19.9961 ppb v/v
							2-Methyl-2-propanol	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloro-1-propene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (MIBK)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Butadiene	19.9961 ppb v/v
							Butane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodibromomethane	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorobromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Ethylene Dibromide	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Hexane	19.9961 ppb v/v
							Isooctane	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							Isopropylbenzene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							N-Propylbenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl bromide	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00079	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00089	04/16/17	01/16/17	Zero Air, Lot 13	37.5 L	ATTO15CALs_00026	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2-Butanone (MEK)	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methyl-2-propanol	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (MIBK)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Ethylene Dibromide	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00026	12/19/17		Spectra Gases, Lot cc-90855			(Purchased Reagent)	1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2-Butanone (MEK)	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methyl-2-propanol	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (MIBK)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodibromomethane	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Hexane	1 ppm v/v
							Isooctane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00079	04/18/17	01/18/17	Zero Air, Lot 12	37.5 ppb	ATTO15EthCALs_00008	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00008	09/05/18		Chem Service, Lot 5301900		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00079	04/18/17	01/18/17	Zero Air, Lot 12	37.5 ppb	ATTO15EthCALs_00008	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00008	09/05/18		Chem Service, Lot 5301900		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00175	04/16/17	01/19/17	Zero Air, Lot 12	15.463 L	ATTO15CALSTKi_00089	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	4.99256 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2-Butanone (MEK)	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Hexanone	4.99256 ppb v/v
							2-Methyl-2-propanol	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloro-1-propene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							4-Methyl-2-pentanone (MIBK)	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 ppb v/v
							Acrylonitrile	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Butadiene	4.99256 ppb v/v
							Butane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodibromomethane	4.99256 ppb v/v
							Chlorodifluoromethane	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorobromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylene Dibromide	4.99256 ppb v/v
							Hexachlorobutadiene	4.99256 ppb v/v
							Hexane	4.99256 ppb v/v
							Isooctane	4.99256 ppb v/v
							Isopropyl alcohol	4.99256 ppb v/v
							Isopropylbenzene	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							N-Propylbenzene	4.99256 ppb v/v
							Naphthalene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	4.99256 ppb v/v
							Vinyl bromide	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00079	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00089	04/16/17	01/16/17	Zero Air, Lot 13	37.5 L	ATTO15CALs_00026	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2-Butanone (MEK)	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methyl-2-propanol	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (MIBK)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Ethylene Dibromide	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00026	12/19/17		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2-Butanone (MEK)	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methyl-2-propanol	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (MIBK)	1 ppm v/v
							Acetone	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodibromomethane	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Hexane	1 ppm v/v
							Isooctane	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00079	04/18/17	01/18/17	Zero Air, Lot 12	37.5 ppb	ATTO15EthCALs_00008	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00008	09/05/18		Chem Service, Lot 5301900			(Purchased Reagent)	Ethanol	1 mL/mL
ATTO15CAL4w_00600	02/10/17	11/15/16	Zero Air, Lot 12	15.463 L	ATTO15CALSTKi_00088	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2-Butanone (MEK)	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Hexanone	9.99806 ppb v/v
							2-Methyl-2-propanol	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloro-1-propene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (MIBK)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Butadiene	9.99806 ppb v/v
							Butane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodibromomethane	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorobromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Ethylene Dibromide	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Hexane	9.99806 ppb v/v
							Isooctane	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							Isopropylbenzene	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							N-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v
							Vinyl bromide	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ATTO15EthCALw_00076	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00088	02/10/17	11/10/16	Zero Air, Lot 13	37.5 L	ATTO15CALs_00026	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2-Butanone (MEK)	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methyl-2-propanol	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (MIBK)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Ethylene Dibromide	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00026	12/19/17		Spectra Gases, Lot cc-90855			(Purchased Reagent)	1,1,1-Trichloroethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2-Butanone (MEK)	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methyl-2-propanol	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (MIBK)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodibromomethane	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Hexane	1 ppm v/v
							Isooctane	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00076	02/11/17	11/11/16	Zero Air, Lot 12	37.5 ppb	ATTO15EthCALs_00008	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00008	09/05/18		Chem Service, Lot 5301900		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00603	04/16/17	02/13/17	Zero Air, Lot 12	15.463 L	ATTO15CALSTKi_00089	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15CALSTKi_00089	04/16/17	01/16/17	Zero Air, Lot 13	37.5 L	ATTO15CALs_00026	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Bromoform	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methylene Chloride	200 ppb v/v
							Tetrachloroethene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00026	12/19/17		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Bromoform	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methylene Chloride	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15CAL5w_00065	04/16/17	01/19/17	Zero Air, Lot 12	15.463 L	ATTO15CALSTKi_00089	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2-Butanone (MEK)	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Hexanone	15.0036 ppb v/v
							2-Methyl-2-propanol	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloro-1-propene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							4-Methyl-2-pentanone (MIBK)	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Butadiene	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chlorodibromomethane	15.0036 ppb v/v
							Chlorodifluoromethane	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorobromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Ethylene Dibromide	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Hexane	15.0036 ppb v/v
							Isooctane	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							Isopropylbenzene	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	30.0071 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							N-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	15.0036 ppb v/v
							Vinyl bromide	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00079	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00089	04/16/17	01/16/17	Zero Air, Lot 13	37.5 L	ATTO15CALs_00026	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2-Butanone (MEK)	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methyl-2-propanol	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (MIBK)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Ethylene Dibromide	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00026	12/19/17		Spectra Gases, Lot cc-90855			(Purchased Reagent)	1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2-Butanone (MEK)	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methyl-2-propanol	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (MIBK)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	1 ppm v/v
							Chlorodibromomethane	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Hexane	1 ppm v/v
							Isooctane	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00079	04/18/17	01/18/17	Zero Air, Lot 12	37.5 ppb	ATTO15EthCALs_00008	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00008	09/05/18		Chem Service, Lot 5301900			(Purchased Reagent)	Ethanol	1 mL/mL
ATTO15CAL6w_00136	04/16/17	01/19/17	Zero Air, Lot 13	15.463 L	ATTO15CALSTKi_00089	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2-Butanone (MEK)	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Hexanone	19.9961 ppb v/v
							2-Methyl-2-propanol	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylbutane	19.9961 ppb v/v
							3-Chloro-1-propene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (MIBK)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Butadiene	19.9961 ppb v/v
							Butane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodibromomethane	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorobromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Ethylene Dibromide	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Hexane	19.9961 ppb v/v
							Isooctane	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							Isopropylbenzene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl bromide	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00079	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00089	04/16/17	01/16/17	Zero Air, Lot 13	37.5 L	ATTO15CALs_00026	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2-Butanone (MEK)	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methyl-2-propanol	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (MIBK)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylene Dibromide	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00026	12/19/17		Spectra Gases, Lot cc-90855			(Purchased Reagent)	1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2-Butanone (MEK)	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methyl-2-propanol	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (MIBK)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodibromomethane	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Hexane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isooctane	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00079	04/18/17	01/18/17	Zero Air, Lot 12	37.5 ppb	ATTO15EthCALs_00008	18.75 uL	Ethanol	500 ppb v/v
.ATTO15EthCALs_00008	09/05/18		Chem Service, Lot 5301900		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00067	04/16/17	01/19/17	Zero Air, Lot 12	15.463 L	ATTO15CALSTKi_00089	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2-Butanone (MEK)	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Hexanone	39.9922 ppb v/v
							2-Methyl-2-propanol	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloro-1-propene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							4-Methyl-2-pentanone (MIBK)	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Butadiene	39.9922 ppb v/v
							Butane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chlorodibromomethane	39.9922 ppb v/v
							Chlorodifluoromethane	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorobromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Ethylene Dibromide	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	39.9922 ppb v/v
							Hexane	39.9922 ppb v/v
							Isooctane	39.9922 ppb v/v
							Isopropyl alcohol	39.9922 ppb v/v
							Isopropylbenzene	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							N-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	39.9922 ppb v/v
							Vinyl bromide	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00079	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00089	04/16/17	01/16/17	Zero Air, Lot 13	37.5 L	ATTO15CALs_00026	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2-Butanone (MEK)	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methyl-2-propanol	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (MIBK)	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Ethylene Dibromide	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00026	12/19/17		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2-Butanone (MEK)	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methyl-2-propanol	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (MIBK)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodibromomethane	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Hexane	1 ppm v/v
							Isooctane	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00079	04/18/17	01/18/17	Zero Air, Lot 12	37.5 ppb	ATTO15EthCALs_00008	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00008	09/05/18		Chem Service, Lot 5301900		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15LCSW_00657	02/10/17	11/11/16	Zero Air, Lot 13	15.463 L	ATTO15LCSSTKi_00078	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00078	02/10/17	11/10/16	Zero Air, Lot 12	37.5 L	ATTO15LCSs_00020	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Bromoform	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methylene Chloride	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15LCSs_00020	12/19/17		Spectra Gases, Lot CC-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Bromoform	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methylene Chloride	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00666	04/16/17	02/13/17	Zero Air, Lot 13	15.463 L	ATTO15LCSSTKi_00079	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00079	04/16/17	01/16/17	Zero Air, Lot 12	37.5 L	ATTO15LCSs_00020	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Bromoform	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methylene Chloride	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Vinyl chloride	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..ATTO15LCSS_00020	12/19/17		Spectra Gases, Lot CC-250179			(Purchased Reagent)	Xylene, o-	200 ppb v/v
							1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Bromoform	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methylene Chloride	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
Trichloroethene	1 ppm v/v							
Vinyl chloride	1 ppm v/v							
Xylene, o-	1 ppm v/v							

Reagent

ATTO15EthCALs_00008

CERTIFICATE OF ANALYSIS

Ethyl alcohol

CATALOG NUMBER N-11885-1G
LOT NUMBER 5301900
DATE CERTIFIED 07/21/15
EXPIRATION DATE 07/31/21
CAS NUMBER 64-17-5
MOLECULAR FORMULA C₂H₆O
MOLECULAR WEIGHT 46.07
STORAGE Store in a cool dry place.
HANDLING See Safety Data Sheet
INTENDED USE For laboratory use only.
ISO GUIDE 34 CERTIFIED []

<u>Analytical Test</u>	<u>Value</u>
% PURITY (GC/FID)	99.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

Chem Service, Inc. is accredited to ISO Guide 34:2009, ISO/IEC 17025:2005 and certified to ISO 9001:2008



ISO/IEC 17025
Accreditation Number: 83120



Reference Material Producer
ISO GUIDE 34
Accreditation Number: 83530

Method T015

Volatile Organic Compounds (GC/MS)
by Method T015

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 24122-05.D
 Lab ID: LCS 200-114478/5 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Vinyl chloride	10.0	9.73	97	62-125	
1,1-Dichloroethene	10.0	9.71	97	67-127	
Acetone	10.0	10.2	102	64-136	
Methylene Chloride	10.0	9.84	98	62-122	
trans-1,2-Dichloroethene	10.0	10.8	108	72-132	
1,1-Dichloroethane	10.0	9.85	99	66-126	
cis-1,2-Dichloroethene	10.0	9.68	97	67-127	
1,1,1-Trichloroethane	10.0	10.5	105	70-130	
Carbon tetrachloride	10.0	10.3	103	62-143	
Benzene	10.0	9.72	97	67-127	
Trichloroethene	10.0	9.35	94	68-128	
Toluene	10.0	9.82	98	67-127	
Tetrachloroethene	10.0	9.77	98	70-130	
Chlorobenzene	10.0	9.77	98	68-128	
m,p-Xylene	20.0	19.7	99	68-128	
Xylene, o-	10.0	9.75	98	67-127	
Bromoform	10.0	10.0	100	34-170	
1,1,2,2-Tetrachloroethane	10.0	9.58	96	69-129	

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Lab File ID: 24122-04.D Lab Sample ID: MB 200-114478/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHB.i Date Analyzed: 02/28/2017 13:34
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-114478/5	24122-05.D	02/28/2017 14:27
IA-SDS1-022217	200-37514-1	24122-07.D	02/28/2017 16:37
IA-SDS2-022217	200-37514-2	24122-08.D	02/28/2017 17:29
AMB-022217	200-37514-3	24122-09.D	02/28/2017 18:22
DUP-022217	200-37514-4	24122-10.D	02/28/2017 19:14

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Lab File ID: 23655_01.D BFB Injection Date: 01/25/2017
 Instrument ID: CHB.i BFB Injection Time: 16:47
 Analysis Batch No.: 113539

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	23.7	
75	30.0 - 66.0% of mass 95	52.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	76.2	
175	4.0 - 9.0 % of mass 174	5.6	(7.3) 1
176	93.0 - 101.0% of mass 174	73.1	(95.9) 1
177	5.0 - 9.0% of mass 176	4.9	(6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-113539/3	23655_03.D	01/25/2017	19:00
	IC 200-113539/4	23655_04.D	01/25/2017	19:53
	IC 200-113539/5	23655_05.D	01/25/2017	20:46
	IC 200-113539/6	23655_06.D	01/25/2017	21:39
	ICIS 200-113539/7	23655_07.D	01/25/2017	22:32
	IC 200-113539/8	23655_08.D	01/25/2017	23:24
	IC 200-113539/9	23655_09.D	01/26/2017	00:17
	IC 200-113539/10	23655_10.D	01/26/2017	01:10
	ICV 200-113539/14	23655_14.D	01/26/2017	04:42

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Lab File ID: 24122_01.D BFB Injection Date: 02/28/2017
 Instrument ID: CHB.i BFB Injection Time: 10:42
 Analysis Batch No.: 114478

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	27.0	
75	30.0 - 66.0% of mass 95	57.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	77.6	
175	4.0 - 9.0 % of mass 174	6.0	(7.7) 1
176	93.0 - 101.0% of mass 174	75.6	(97.4) 1
177	5.0 - 9.0% of mass 176	5.1	(6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-114478/2	24122-02.D	02/28/2017	11:36
	MB 200-114478/4	24122-04.D	02/28/2017	13:34
	LCS 200-114478/5	24122-05.D	02/28/2017	14:27
IA-SDS1-022217	200-37514-1	24122-07.D	02/28/2017	16:37
IA-SDS2-022217	200-37514-2	24122-08.D	02/28/2017	17:29
AMB-022217	200-37514-3	24122-09.D	02/28/2017	18:22
DUP-022217	200-37514-4	24122-10.D	02/28/2017	19:14

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

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Sample No.: ICIS 200-113539/7 Date Analyzed: 01/25/2017 22:32
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 23655_07.D Heated Purge: (Y/N) N
 Calibration ID: 36504

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	209105	9.74	1123603	11.14	964209	15.25
UPPER LIMIT	292747	10.07	1573044	11.47	1349893	15.58
LOWER LIMIT	125463	9.41	674162	10.81	578525	14.92
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-113539/14	251984	9.74	1339803	11.15	1158941	15.25

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Sample No.: CCVIS 200-114478/2 Date Analyzed: 02/28/2017 11:36
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 24122-02.D Heated Purge: (Y/N) N
 Calibration ID: 36504

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	129956	9.74	698321	11.14	630966	15.24
UPPER LIMIT	181938	10.07	977649	11.47	883352	15.57
LOWER LIMIT	77974	9.41	418993	10.81	378580	14.91
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 200-114478/4	155814	9.73	840578	11.14	674536	15.24
LCS 200-114478/5	150320	9.74	803076	11.14	685037	15.24
200-37514-1	IA-SDS1-022217	150976	813437	11.13	658620	15.24
200-37514-2	IA-SDS2-022217	162490	864179	11.14	715072	15.24
200-37514-3	AMB-022217	168517	897021	11.14	730307	15.24
200-37514-4	DUP-022217	158277	832728	11.13	667543	15.24

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: IA-SDS1-022217 Lab Sample ID: 200-37514-1
 Matrix: Air Lab File ID: 24122-07.D
 Analysis Method: TO-15 Date Collected: 02/23/2017 11:50
 Sample wt/vol: 200 (mL) Date Analyzed: 02/28/2017 16:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.035
67-64-1	Acetone	58.08	12		5.0	1.3
75-09-2	Methylene Chloride	84.93	0.24	J	0.50	0.068
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.026
56-23-5	Carbon tetrachloride	153.81	0.070		0.040	0.011
71-43-2	Benzene	78.11	0.30		0.20	0.028
79-01-6	Trichloroethene	131.39	0.33		0.040	0.0091
108-88-3	Toluene	92.14	2.5		0.20	0.035
127-18-4	Tetrachloroethene	165.83	0.034	J	0.20	0.0098
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.025
179601-23-1	m,p-Xylene	106.17	0.43	J	0.50	0.077
95-47-6	Xylene, o-	106.17	0.17	J	0.20	0.040
75-25-2	Bromoform	252.75	0.20	U	0.20	0.035
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.026

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: IA-SDS1-022217 Lab Sample ID: 200-37514-1
 Matrix: Air Lab File ID: 24122-07.D
 Analysis Method: TO-15 Date Collected: 02/23/2017 11:50
 Sample wt/vol: 200 (mL) Date Analyzed: 02/28/2017 16:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.046
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.14
67-64-1	Acetone	58.08	28		12	3.1
75-09-2	Methylene Chloride	84.93	0.85	J	1.7	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.069
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.11
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.14
56-23-5	Carbon tetrachloride	153.81	0.44		0.25	0.069
71-43-2	Benzene	78.11	0.97		0.64	0.089
79-01-6	Trichloroethene	131.39	1.8		0.21	0.049
108-88-3	Toluene	92.14	9.3		0.75	0.13
127-18-4	Tetrachloroethene	165.83	0.23	J	1.4	0.066
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.12
179601-23-1	m,p-Xylene	106.17	1.8	J	2.2	0.33
95-47-6	Xylene, o-	106.17	0.74	J	0.87	0.17
75-25-2	Bromoform	252.75	2.1	U	2.1	0.36
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.18

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
 Lims ID: 200-37514-A-1
 Client ID: IA-SDS1-022217
 Sample Type: Client
 Inject. Date: 28-Feb-2017 16:37:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0024122-007
 Misc. Info.: 37514-01
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\TO15_LL NJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 01-Mar-2017 11:57:51 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK010

First Level Reviewer: maheseep Date: 01-Mar-2017 10:34:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
7 Vinyl chloride	62		3.759				ND	
20 1,1-Dichloroethene	96		6.347				ND	
21 Acetone	43	6.497	6.502	-0.005	99	610659	11.9	
27 Methylene Chloride	49	7.302	7.308	-0.006	95	8489	0.2447	
30 trans-1,2-Dichloroethene	61		7.719				ND	
33 1,1-Dichloroethane	63		8.461				ND	
37 cis-1,2-Dichloroethene	96		9.363				ND	
* 39 Chlorobromomethane	128	9.731	9.736	-0.005	92	150976	10.0	
S 41 1,2-Dichloroethene, Total	61		10.000				ND	
42 1,1,1-Trichloroethane	97		10.062				ND	
44 Carbon tetrachloride	117	10.264	10.270	-0.006	96	3054	0.0696	
46 Benzene	78	10.595	10.596	-0.001	98	24137	0.3030	
* 50 1,4-Difluorobenzene	114	11.134	11.140	-0.006	98	813437	10.0	
53 Trichloroethene	95	11.503	11.508	-0.005	91	10392	0.3273	
64 Toluene	92	13.291	13.291	-0.001	93	125079	2.48	
68 Tetrachloroethene	166	14.064	14.065	-0.001	68	1115	0.0336	
* 72 Chlorobenzene-d5	117	15.238	15.244	-0.006	92	658620	10.0	
73 Chlorobenzene	112		15.281				ND	
76 m-Xylene & p-Xylene	106	15.489	15.495	-0.006	0	17602	0.4259	
78 o-Xylene	106	16.007	16.007	0.000	96	6899	0.1706	
80 Bromoform	173		16.322				ND	
83 1,1,2,2-Tetrachloroethane	83		16.824				ND	

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D

Injection Date: 28-Feb-2017 16:37:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: 200-37514-A-1

Lab Sample ID: 200-37514-1

Worklist Smp#: 7

Client ID: IA-SDS1-022217

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

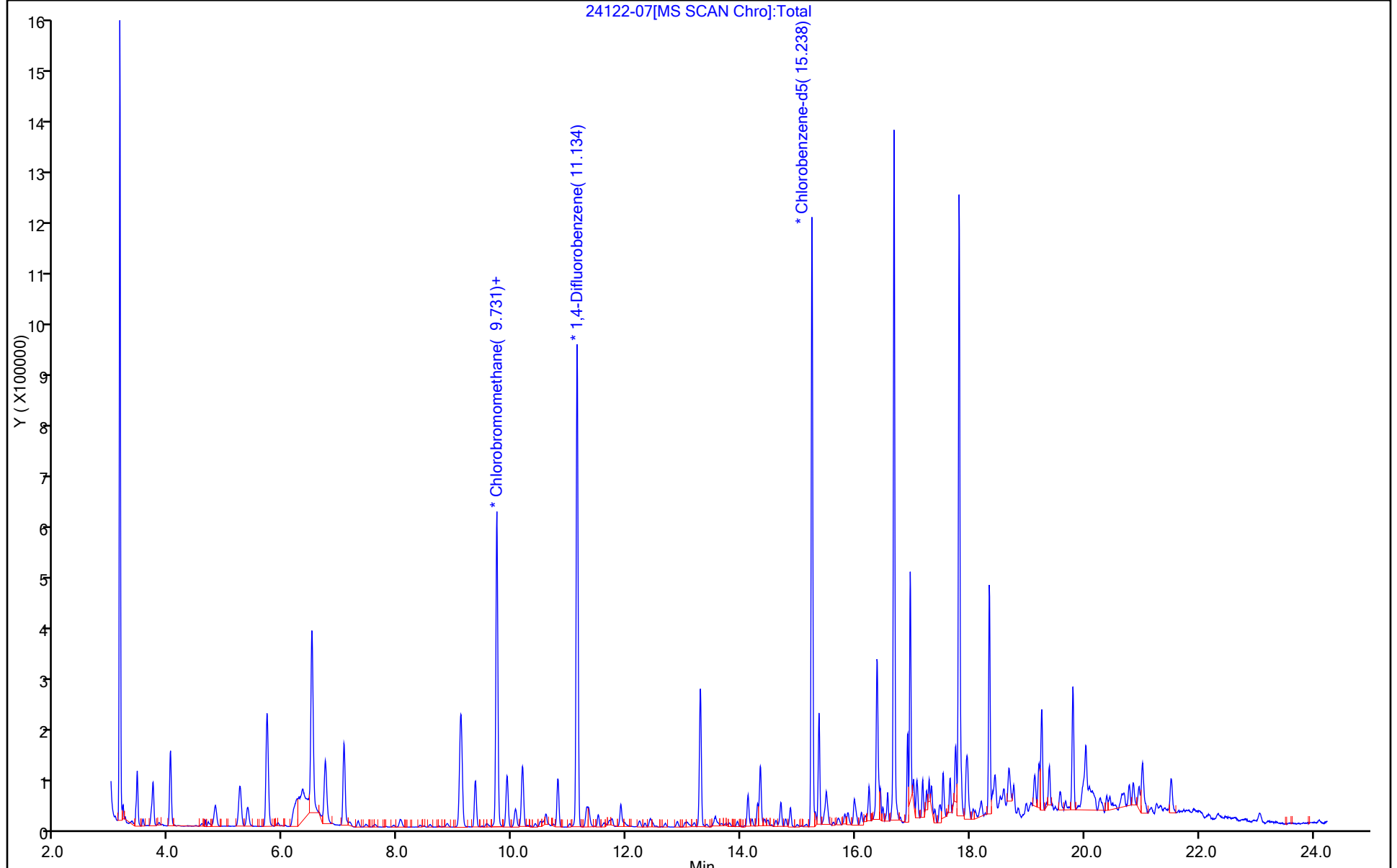
ALS Bottle#: 6

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

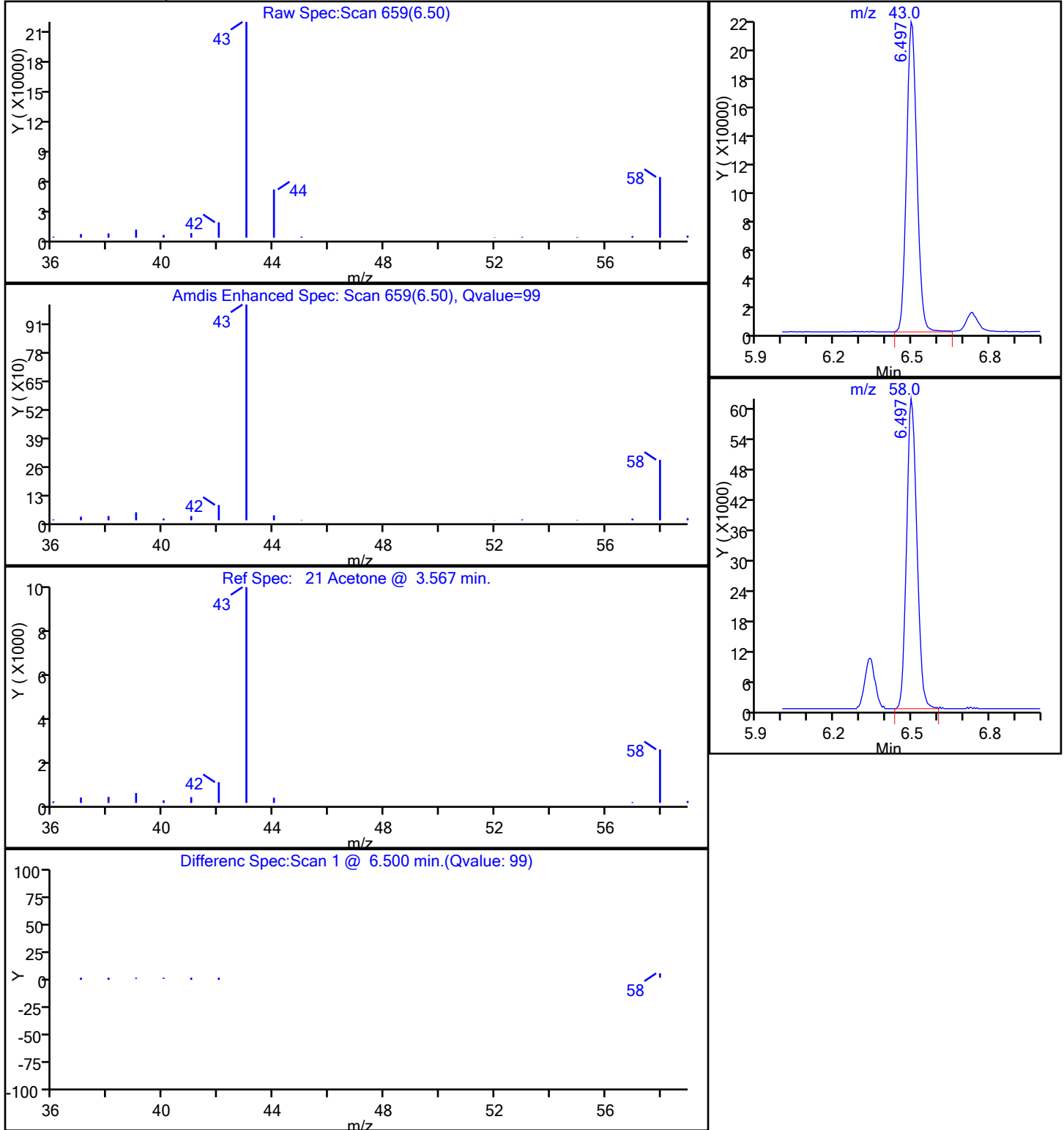
Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
Injection Date: 28-Feb-2017 16:37:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-1 Lab Sample ID: 200-37514-1
Client ID: IA-SDS1-022217
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

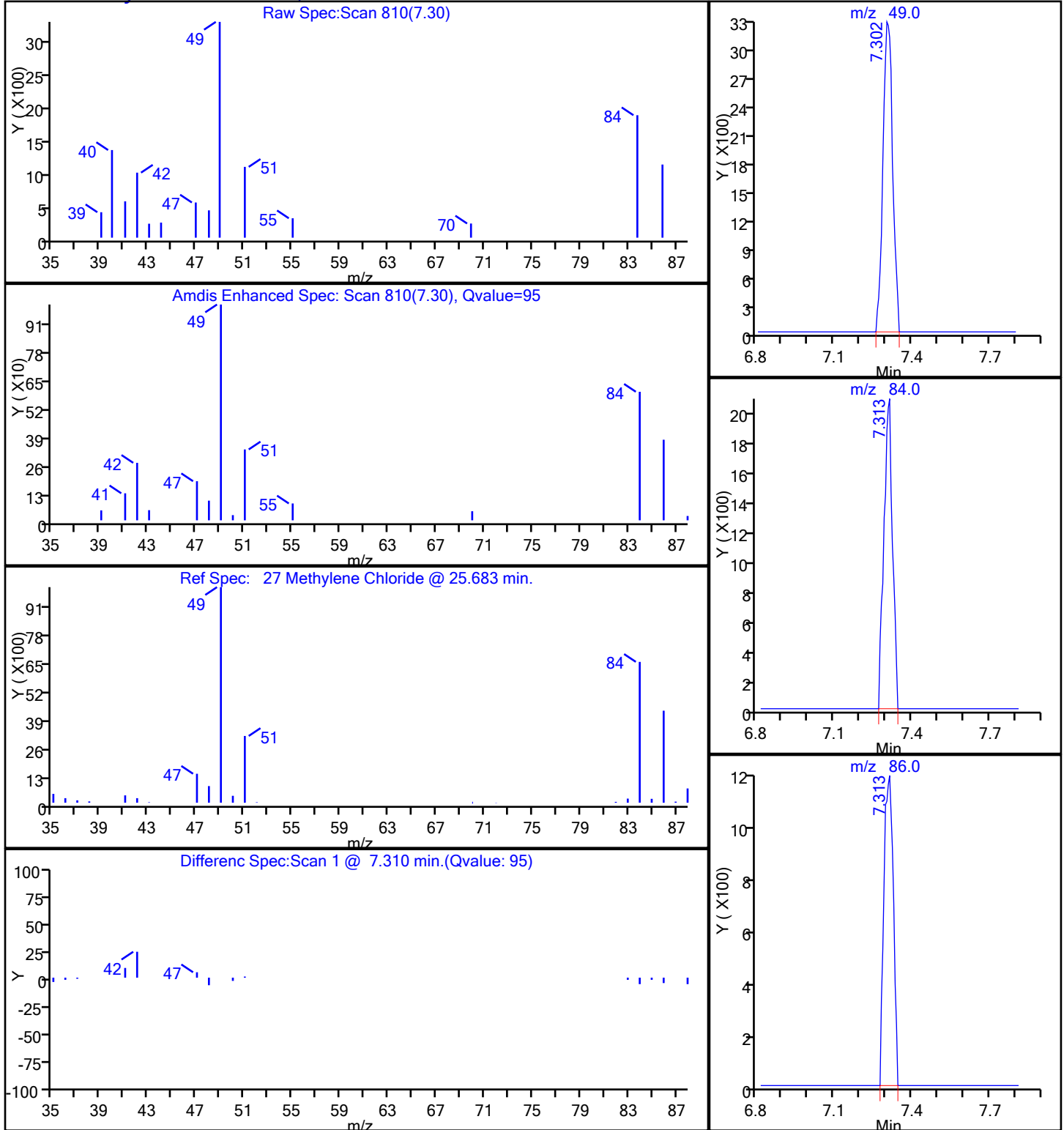
21 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
Injection Date: 28-Feb-2017 16:37:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-1 Lab Sample ID: 200-37514-1
Client ID: IA-SDS1-022217
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

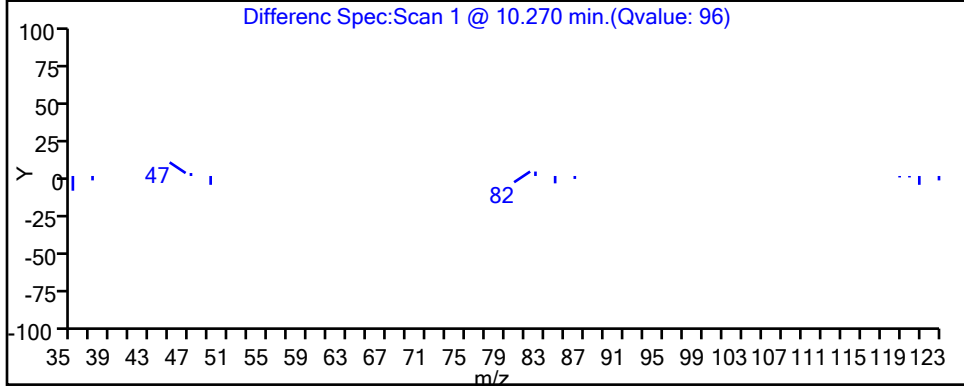
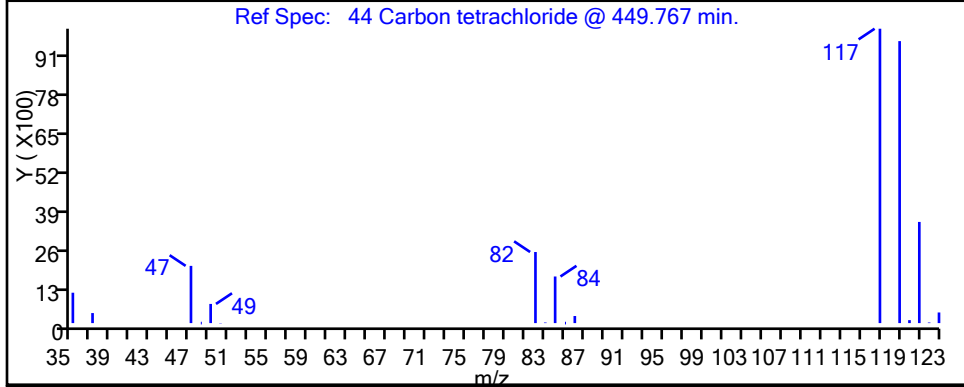
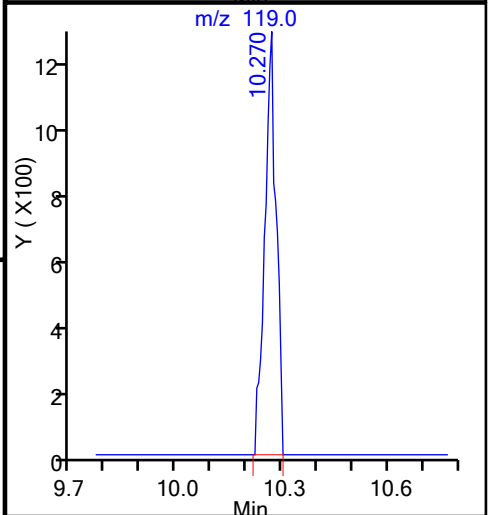
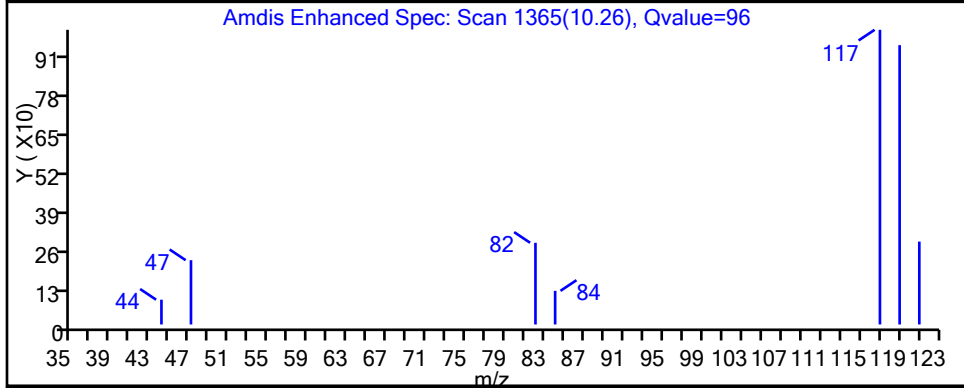
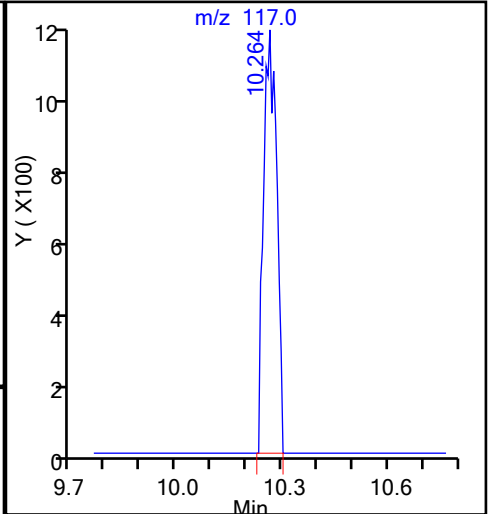
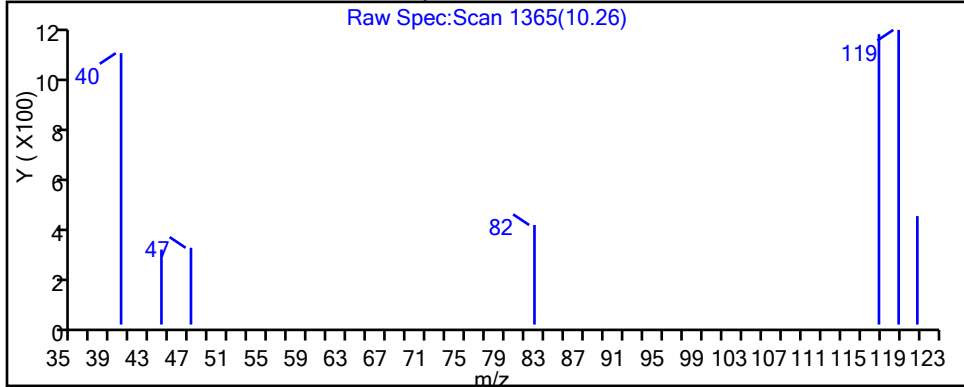
27 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
Injection Date: 28-Feb-2017 16:37:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-1 Lab Sample ID: 200-37514-1
Client ID: IA-SDS1-022217
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

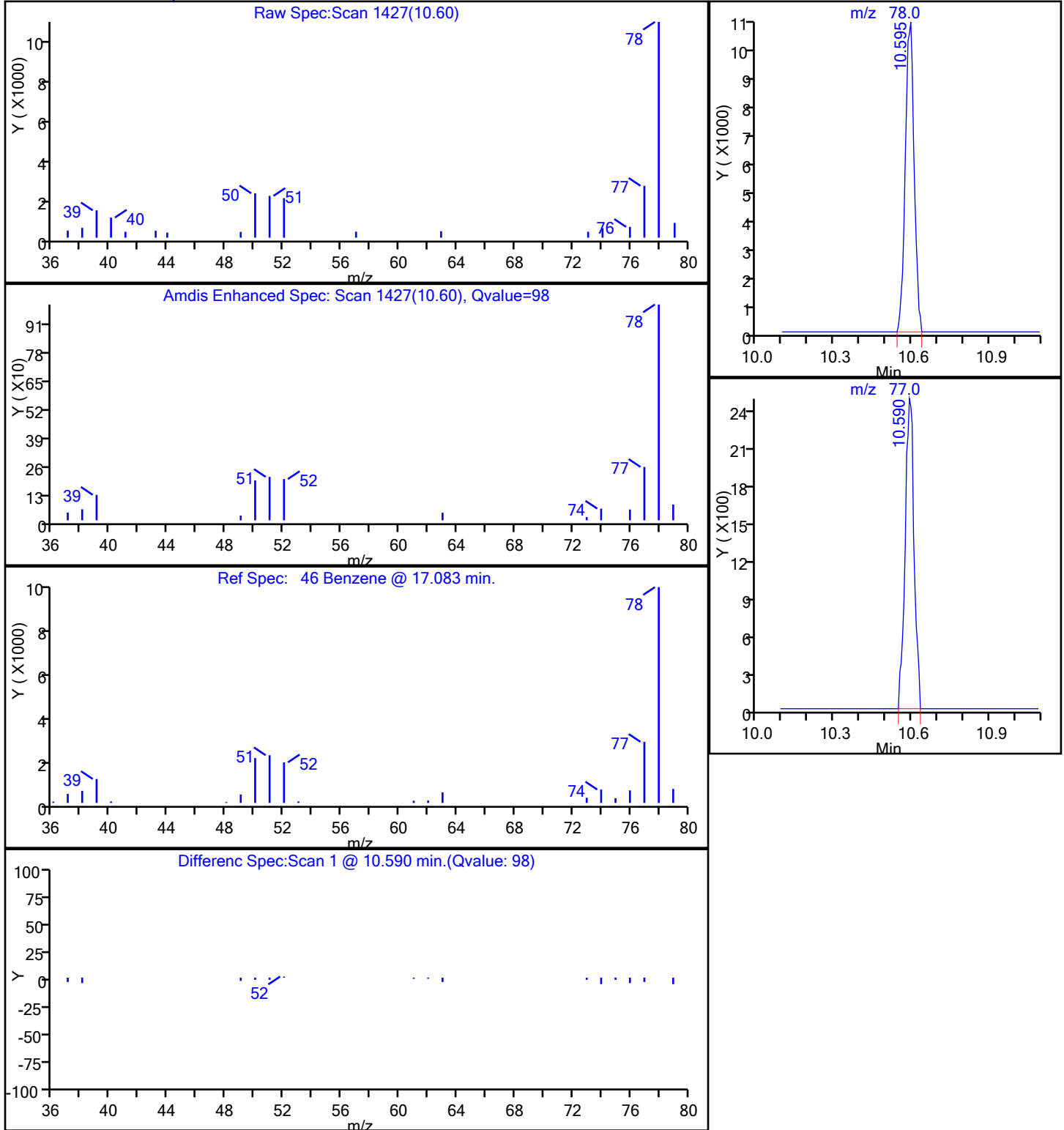
44 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
Injection Date: 28-Feb-2017 16:37:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-1 Lab Sample ID: 200-37514-1
Client ID: IA-SDS1-022217
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

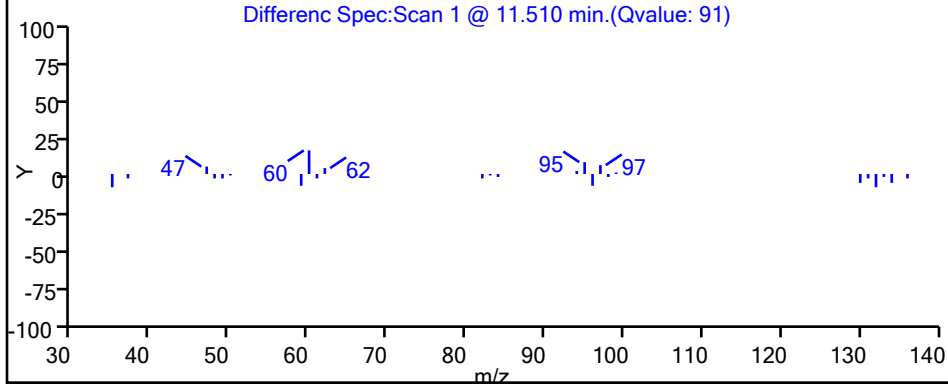
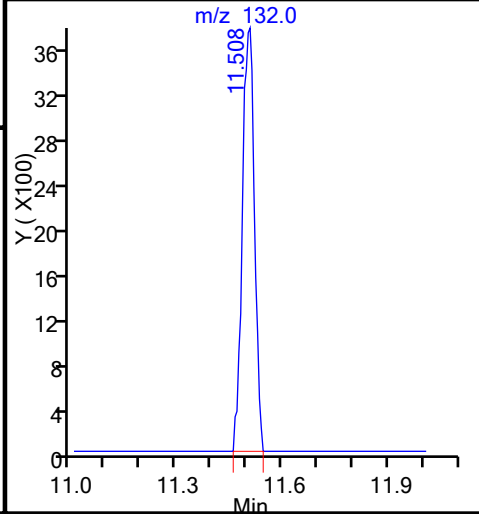
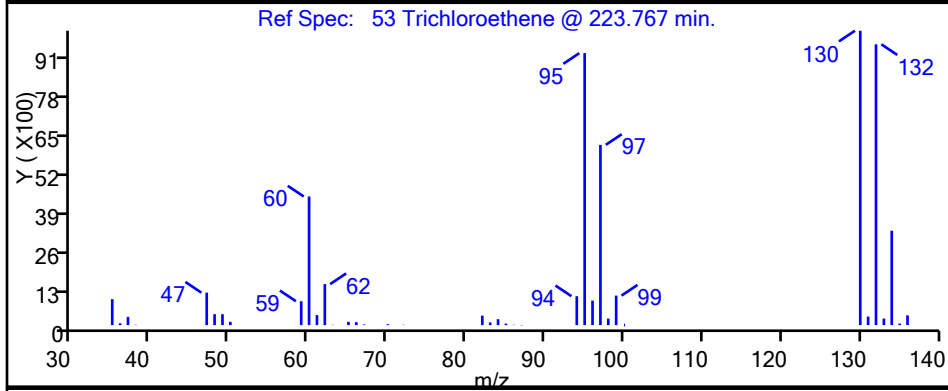
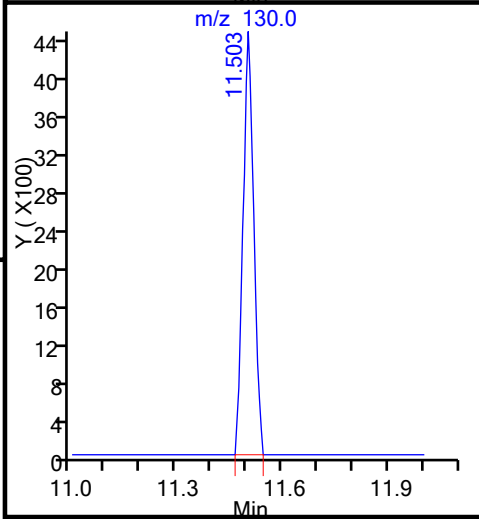
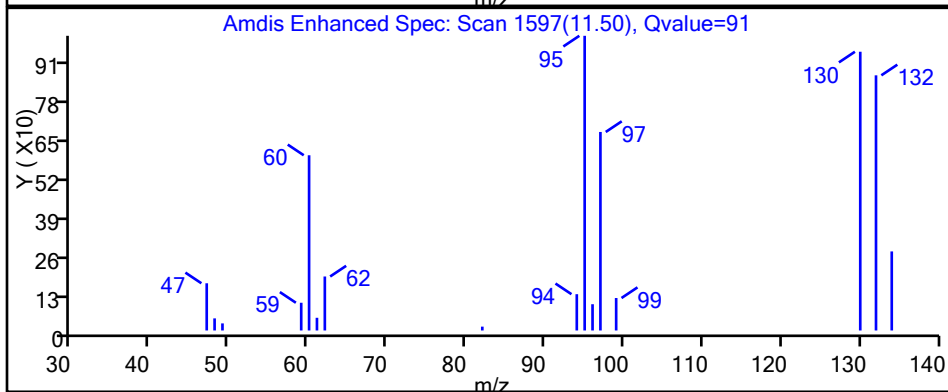
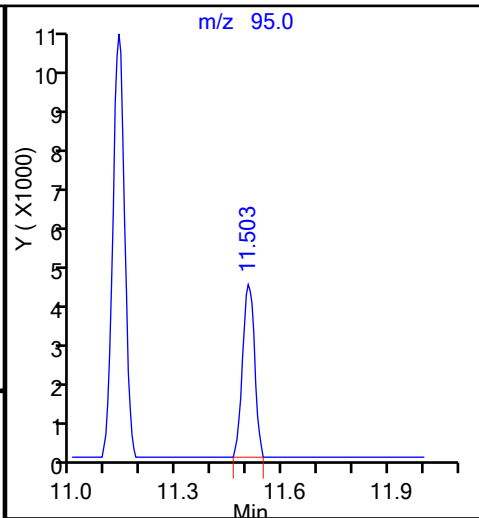
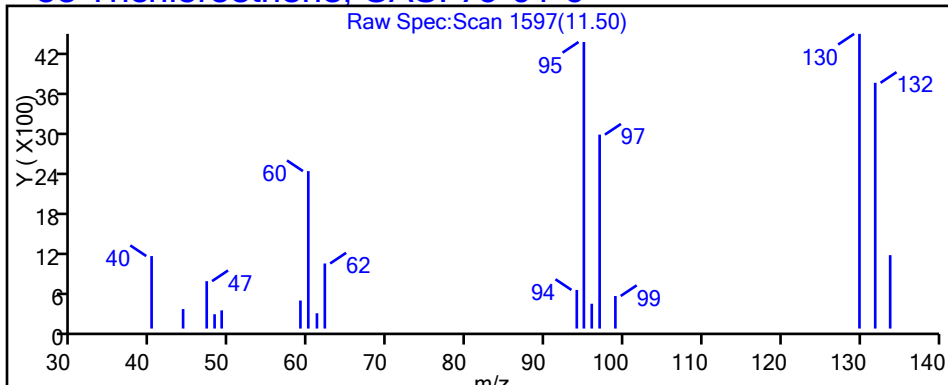
46 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
Injection Date: 28-Feb-2017 16:37:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-1 Lab Sample ID: 200-37514-1
Client ID: IA-SDS1-022217
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

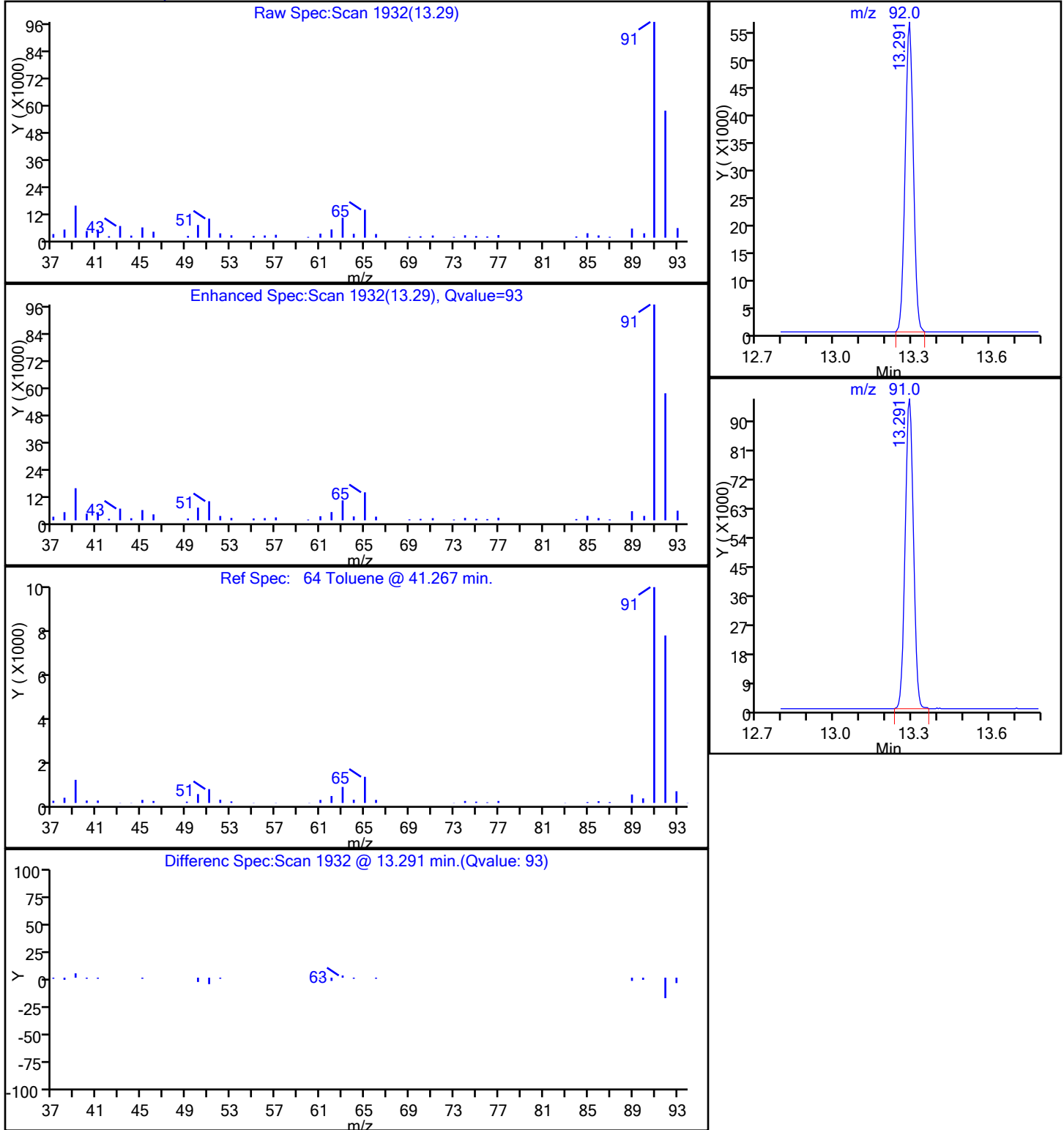
53 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
Injection Date: 28-Feb-2017 16:37:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-1 Lab Sample ID: 200-37514-1
Client ID: IA-SDS1-022217
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

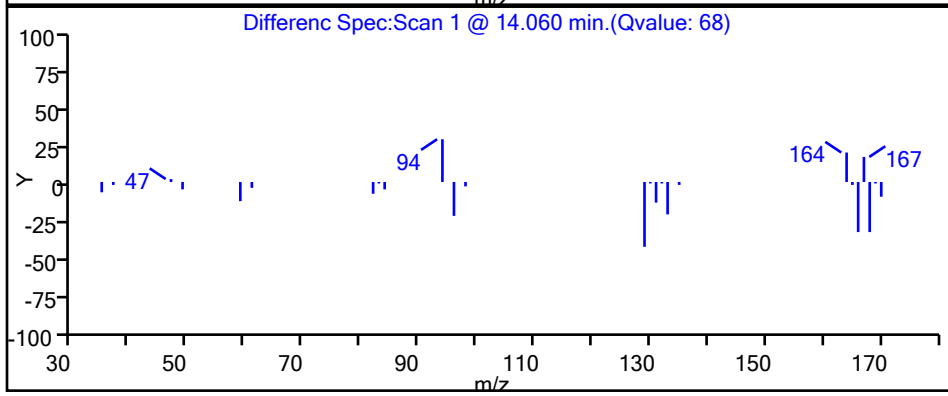
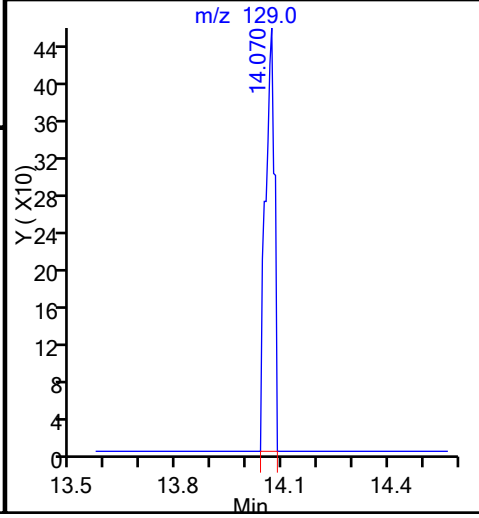
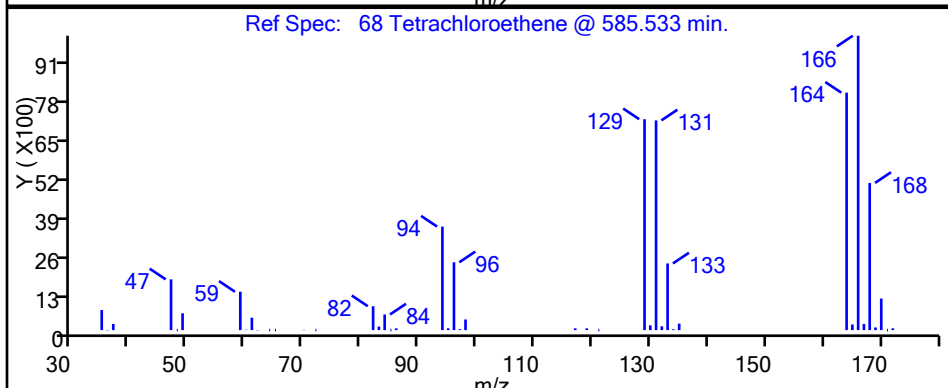
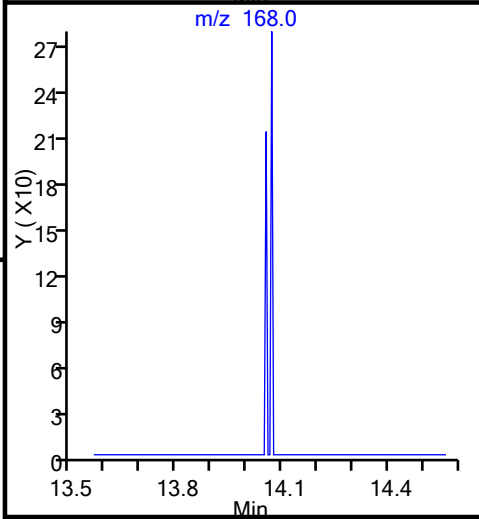
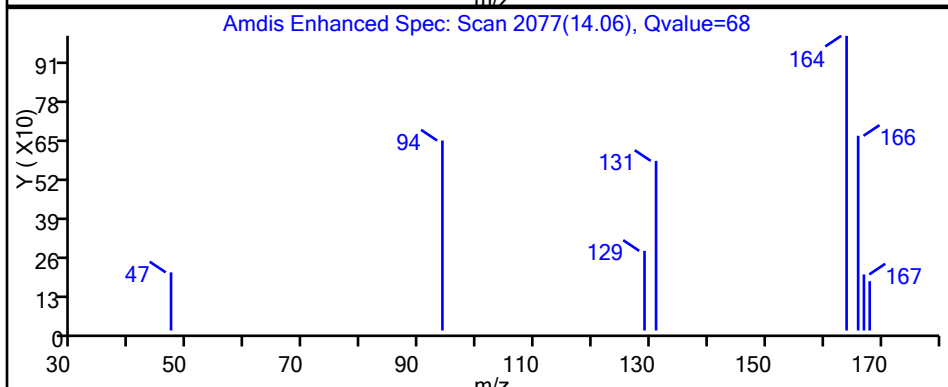
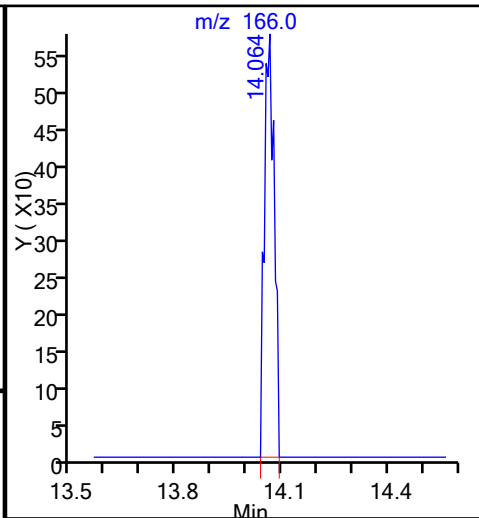
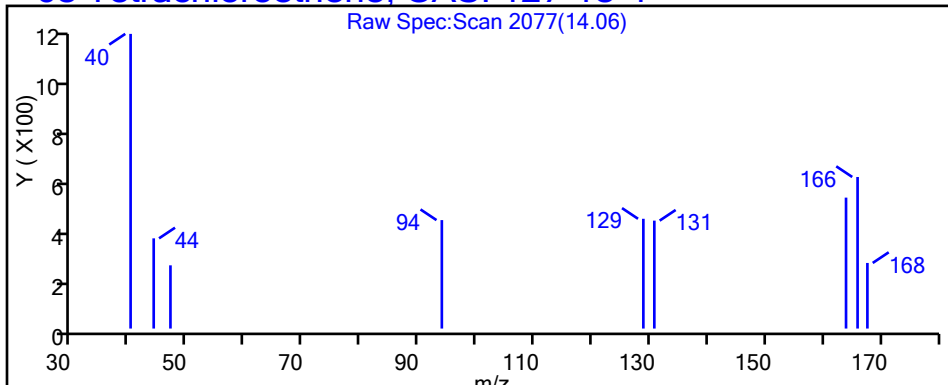
64 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
Injection Date: 28-Feb-2017 16:37:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-1 Lab Sample ID: 200-37514-1
Client ID: IA-SDS1-022217
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

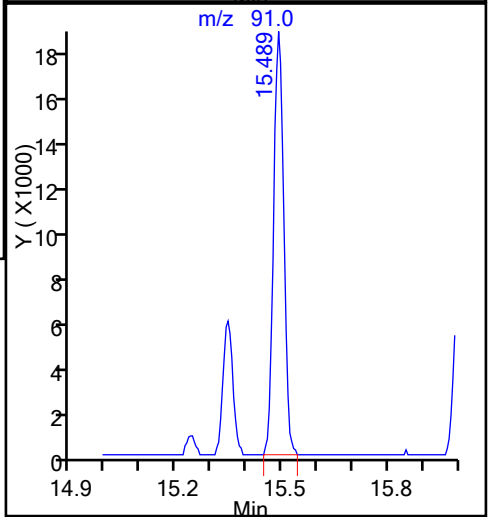
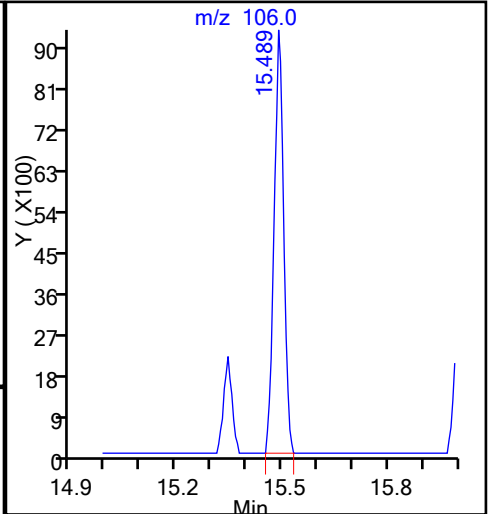
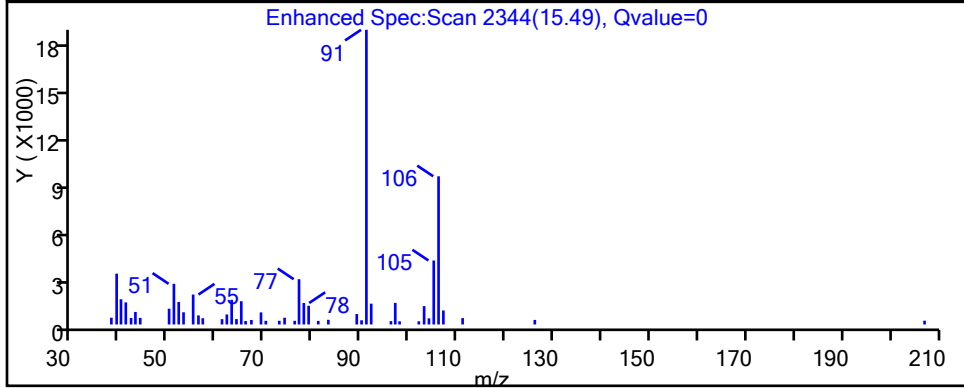
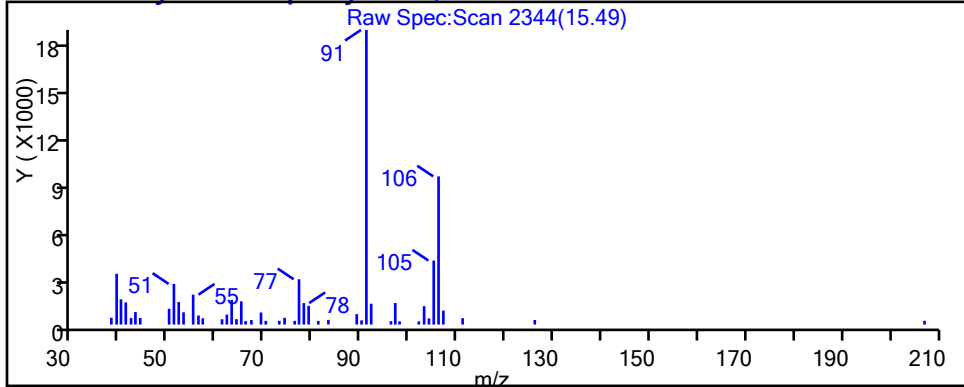
68 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
Injection Date: 28-Feb-2017 16:37:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-1 Lab Sample ID: 200-37514-1
Client ID: IA-SDS1-022217
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

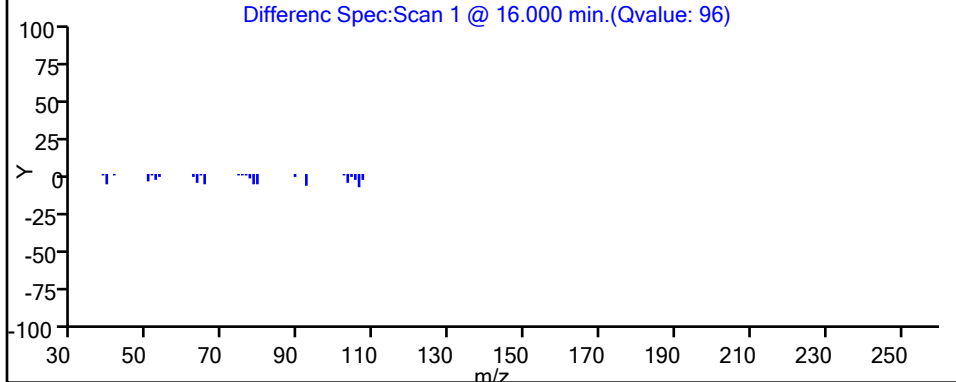
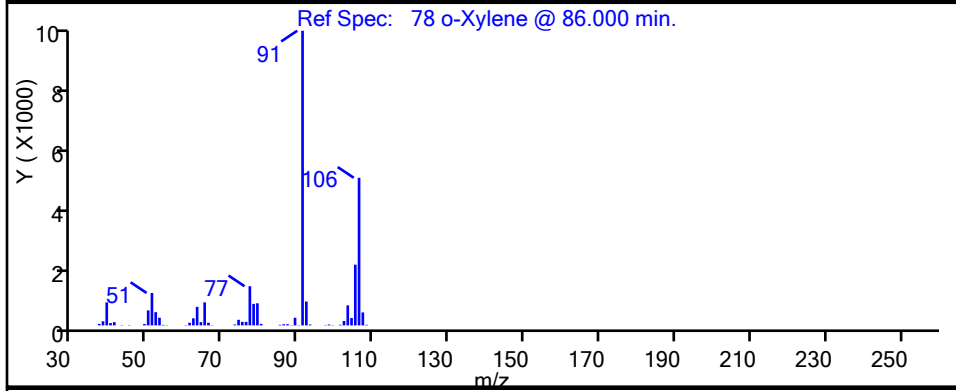
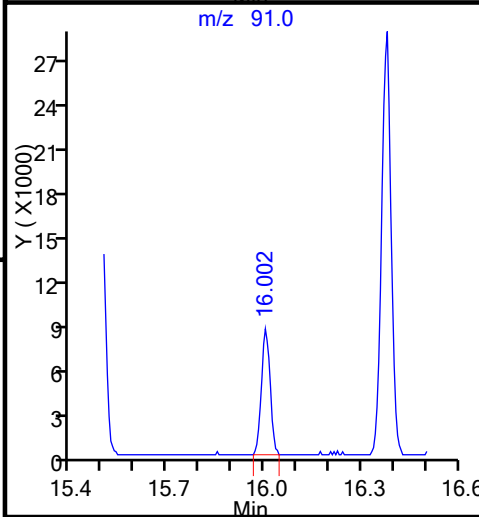
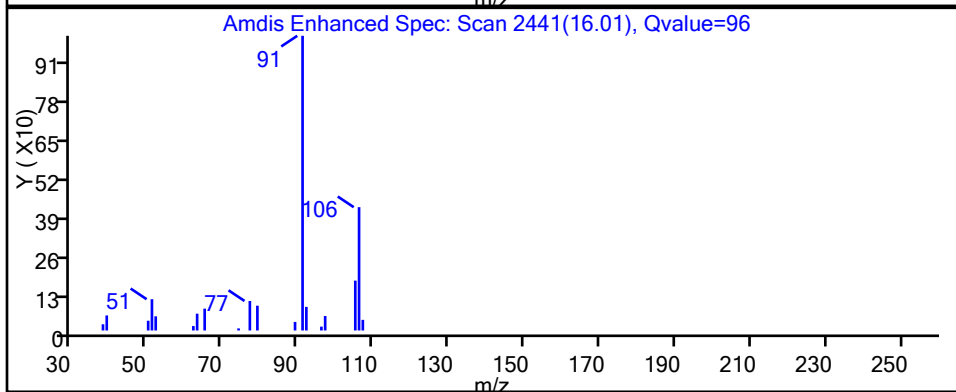
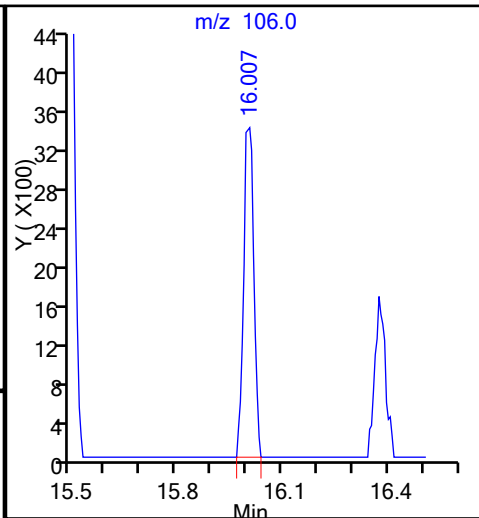
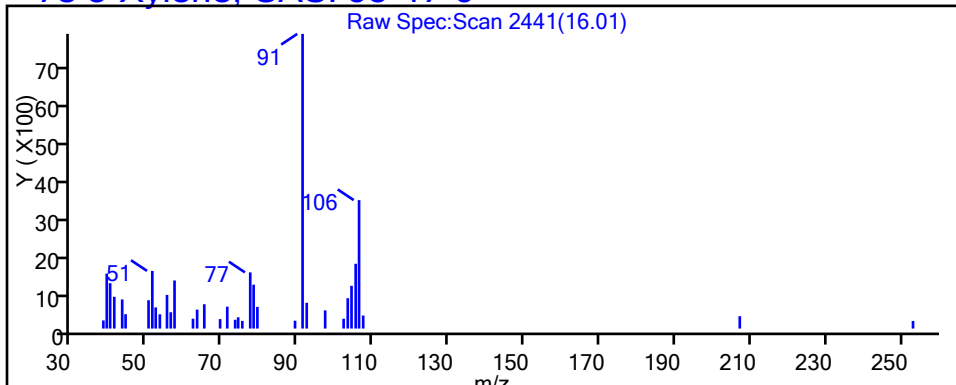
76 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-07.D
Injection Date: 28-Feb-2017 16:37:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-1 Lab Sample ID: 200-37514-1
Client ID: IA-SDS1-022217
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

78 o-Xylene, CAS: 95-47-6



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: IA-SDS2-022217 Lab Sample ID: 200-37514-2
 Matrix: Air Lab File ID: 24122-08.D
 Analysis Method: TO-15 Date Collected: 02/23/2017 12:20
 Sample wt/vol: 372 (mL) Date Analyzed: 02/28/2017 17:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.028	J	0.040	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.035
67-64-1	Acetone	58.08	11		5.0	1.3
75-09-2	Methylene Chloride	84.93	0.26	J	0.50	0.068
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.026
56-23-5	Carbon tetrachloride	153.81	0.087		0.040	0.011
71-43-2	Benzene	78.11	0.74		0.20	0.028
79-01-6	Trichloroethene	131.39	0.12		0.040	0.0091
108-88-3	Toluene	92.14	0.81		0.20	0.035
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.0098
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.025
179601-23-1	m,p-Xylene	106.17	0.24	J	0.50	0.077
95-47-6	Xylene, o-	106.17	0.11	J	0.20	0.040
75-25-2	Bromoform	252.75	0.20	U	0.20	0.035
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.026

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: IA-SDS2-022217 Lab Sample ID: 200-37514-2
 Matrix: Air Lab File ID: 24122-08.D
 Analysis Method: TO-15 Date Collected: 02/23/2017 12:20
 Sample wt/vol: 372 (mL) Date Analyzed: 02/28/2017 17:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.072	J	0.10	0.046
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.14
67-64-1	Acetone	58.08	27		12	3.1
75-09-2	Methylene Chloride	84.93	0.92	J	1.7	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.069
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.11
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.14
56-23-5	Carbon tetrachloride	153.81	0.55		0.25	0.069
71-43-2	Benzene	78.11	2.4		0.64	0.089
79-01-6	Trichloroethene	131.39	0.65		0.21	0.049
108-88-3	Toluene	92.14	3.0		0.75	0.13
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.066
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.12
179601-23-1	m,p-Xylene	106.17	1.0	J	2.2	0.33
95-47-6	Xylene, o-	106.17	0.49	J	0.87	0.17
75-25-2	Bromoform	252.75	2.1	U	2.1	0.36
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.18

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
 Lims ID: 200-37514-A-2
 Client ID: IA-SDS2-022217
 Sample Type: Client
 Inject. Date: 28-Feb-2017 17:29:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0024122-008
 Misc. Info.: 37514-02
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\TO15_LL NJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 01-Mar-2017 11:57:51 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK010

First Level Reviewer: maheseep Date: 01-Mar-2017 10:39:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
7 Vinyl chloride	62	3.754	3.759	-0.005	1	779	0.0282	
20 1,1-Dichloroethene	96		6.347				ND	
21 Acetone	43	6.502	6.502	0.000	99	616399	11.2	
27 Methylene Chloride	49	7.308	7.308	0.000	95	9893	0.2649	
30 trans-1,2-Dichloroethene	61		7.719				ND	
33 1,1-Dichloroethane	63		8.461				ND	
37 cis-1,2-Dichloroethene	96		9.363				ND	
* 39 Chlorobromomethane	128	9.731	9.736	-0.005	92	162490	10.0	
S 41 1,2-Dichloroethene, Total	61		10.000				ND	
42 1,1,1-Trichloroethane	97		10.062				ND	
44 Carbon tetrachloride	117	10.265	10.270	-0.005	95	4059	0.0871	
46 Benzene	78	10.590	10.596	-0.006	98	62513	0.7386	
* 50 1,4-Difluorobenzene	114	11.135	11.140	-0.005	98	864179	10.0	
53 Trichloroethene	95	11.503	11.508	-0.005	89	4069	0.1206	
64 Toluene	92	13.291	13.291	0.000	92	44305	0.8085	
68 Tetrachloroethene	166		14.065				ND	
* 72 Chlorobenzene-d5	117	15.239	15.244	-0.005	92	715072	10.0	
73 Chlorobenzene	112		15.281				ND	
76 m-Xylene & p-Xylene	106	15.489	15.495	-0.006	0	10767	0.2400	
78 o-Xylene	106	16.007	16.007	0.000	97	4943	0.1126	
80 Bromoform	173		16.322				ND	
83 1,1,2,2-Tetrachloroethane	83		16.824				ND	

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D

Injection Date: 28-Feb-2017 17:29:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: 200-37514-A-2

Lab Sample ID: 200-37514-2

Worklist Smp#: 8

Client ID: IA-SDS2-022217

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

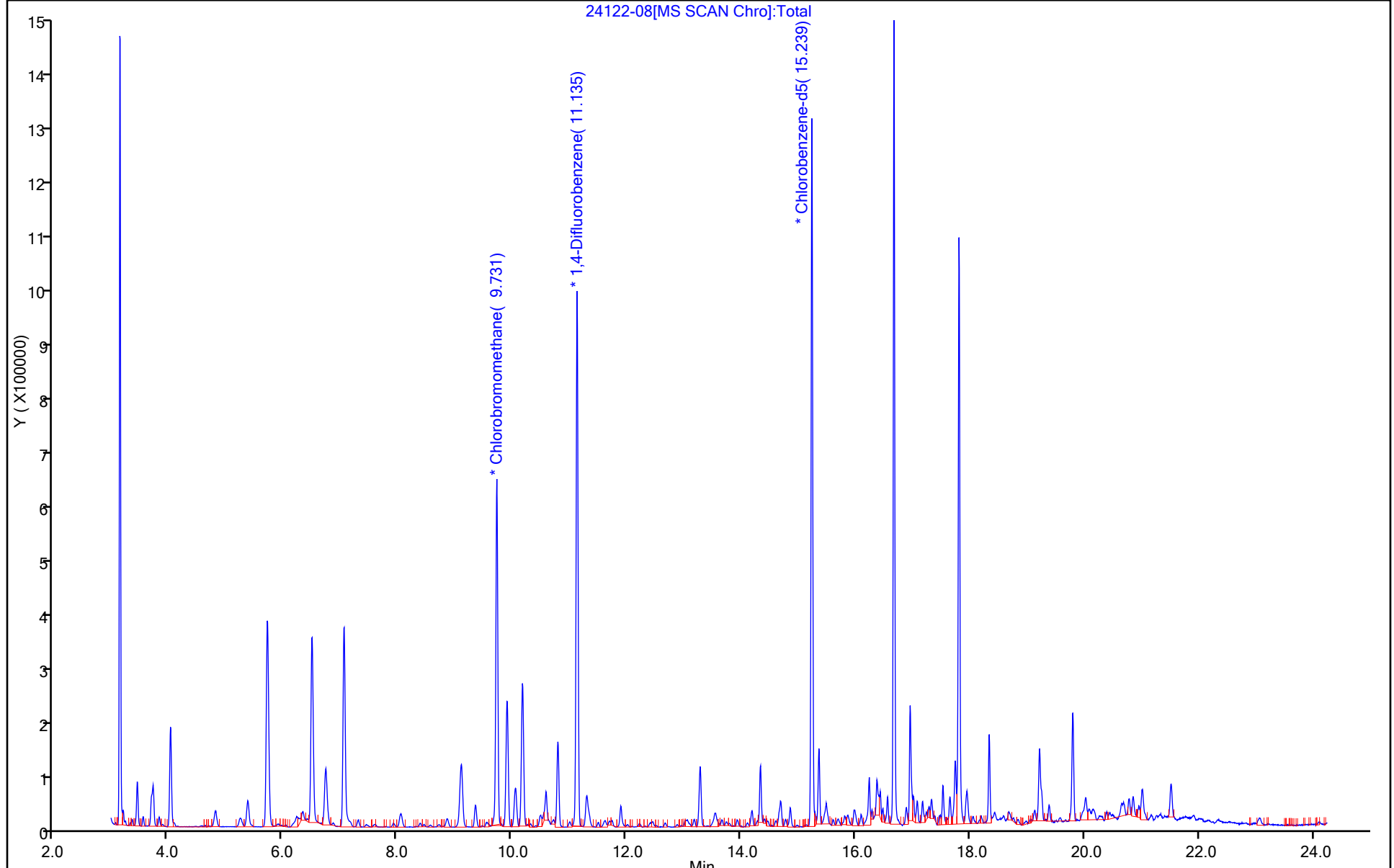
ALS Bottle#: 7

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

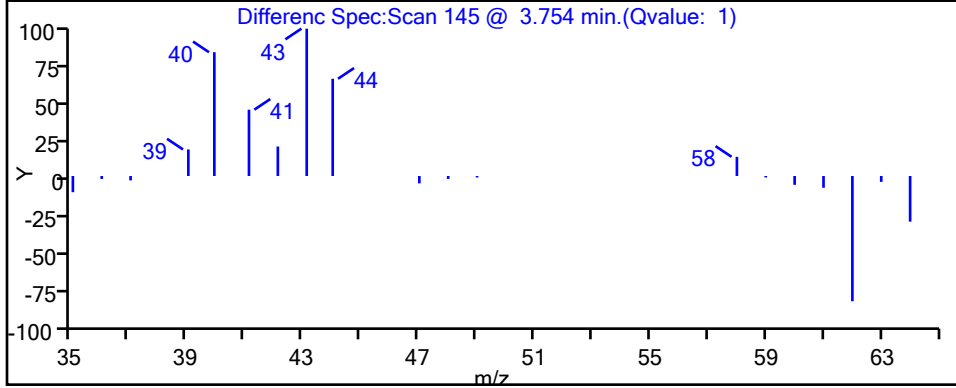
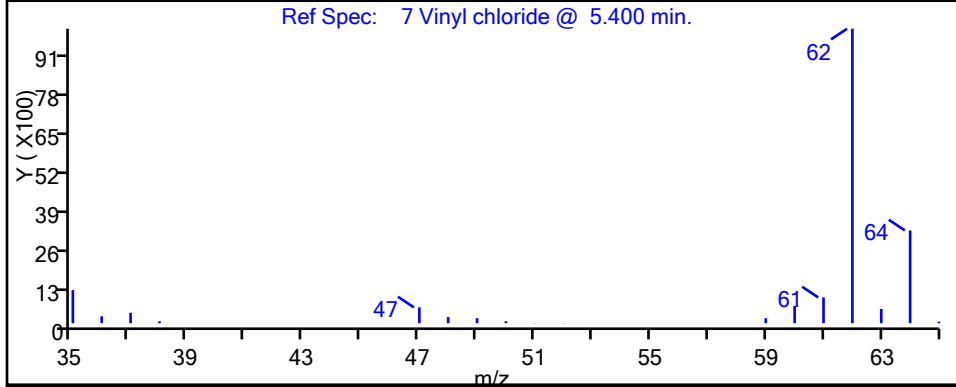
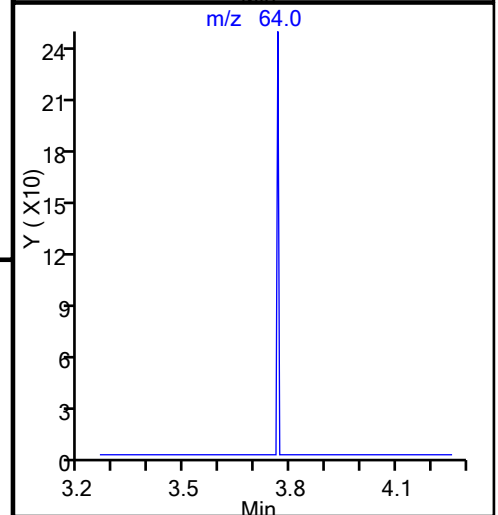
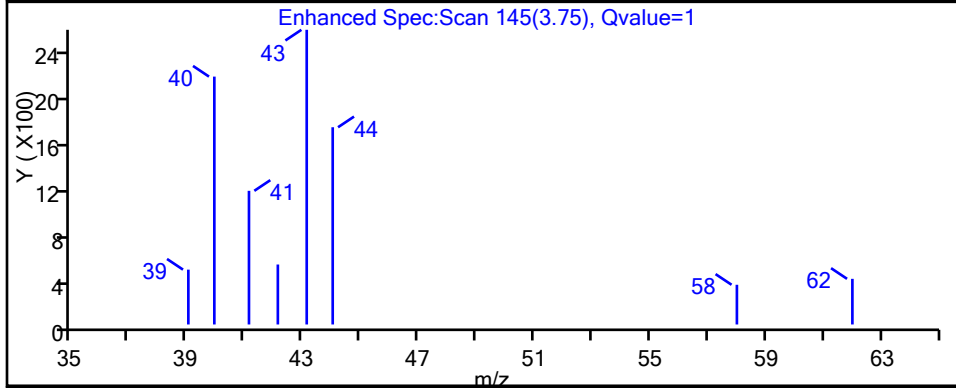
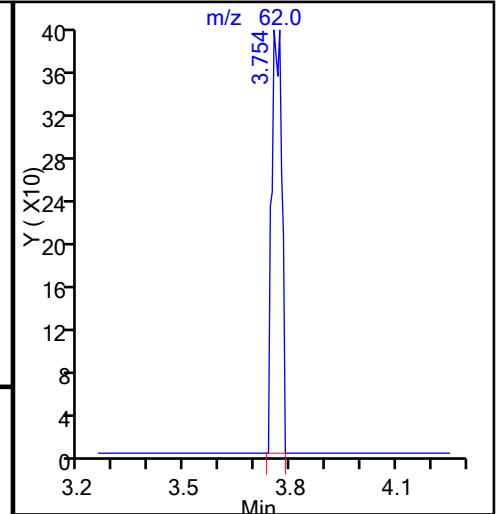
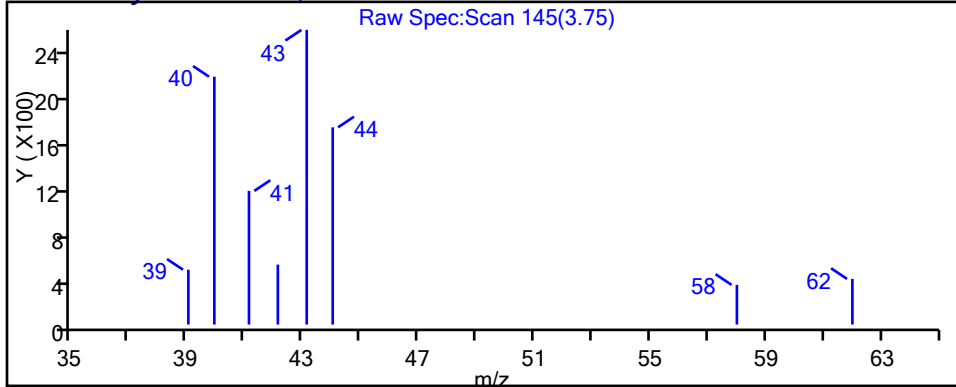
Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
Injection Date: 28-Feb-2017 17:29:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-2 Lab Sample ID: 200-37514-2
Client ID: IA-SDS2-022217
Operator ID: pad ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

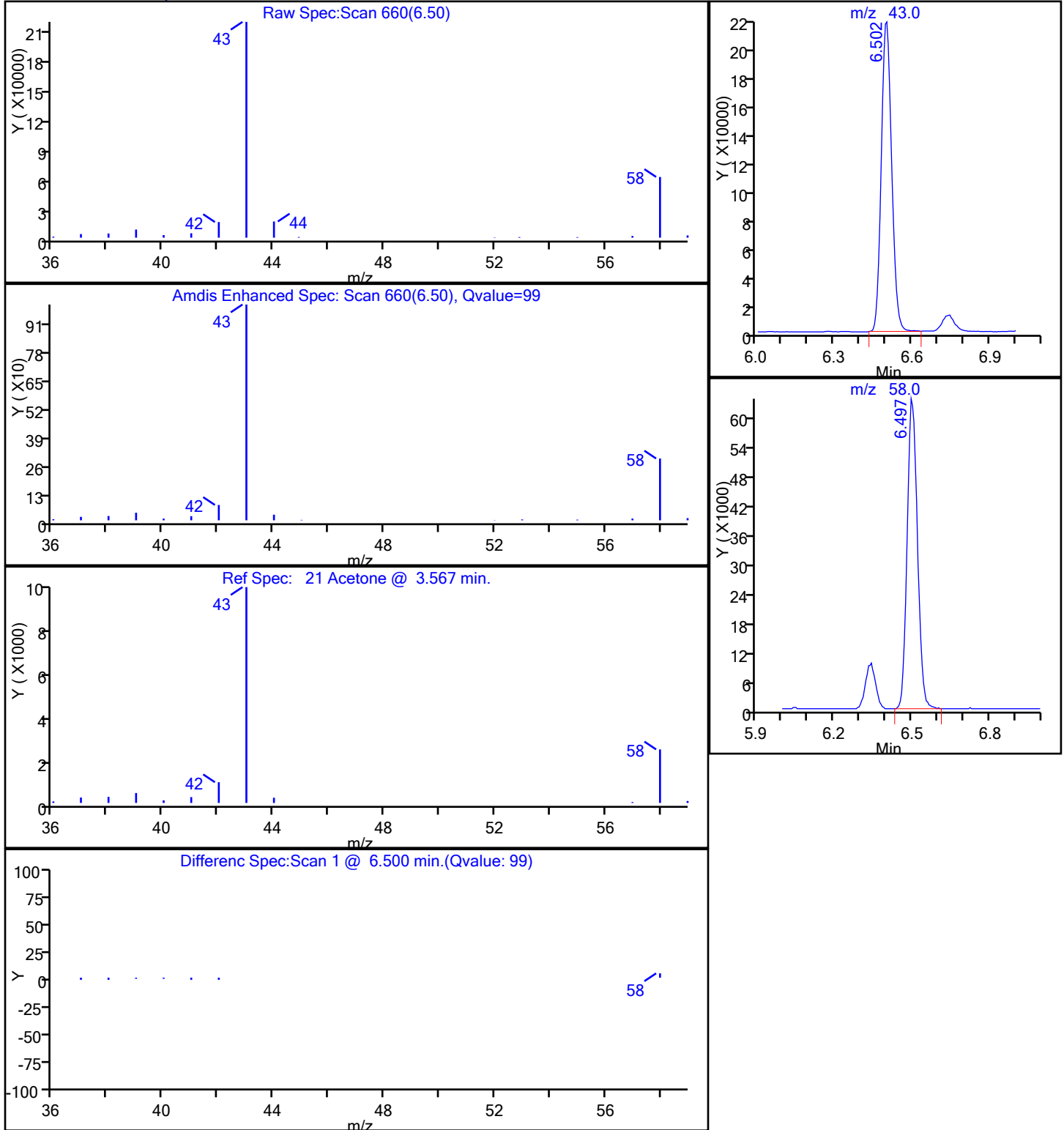
7 Vinyl chloride, CAS: 75-01-4



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
Injection Date: 28-Feb-2017 17:29:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-2 Lab Sample ID: 200-37514-2
Client ID: IA-SDS2-022217
Operator ID: pad ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

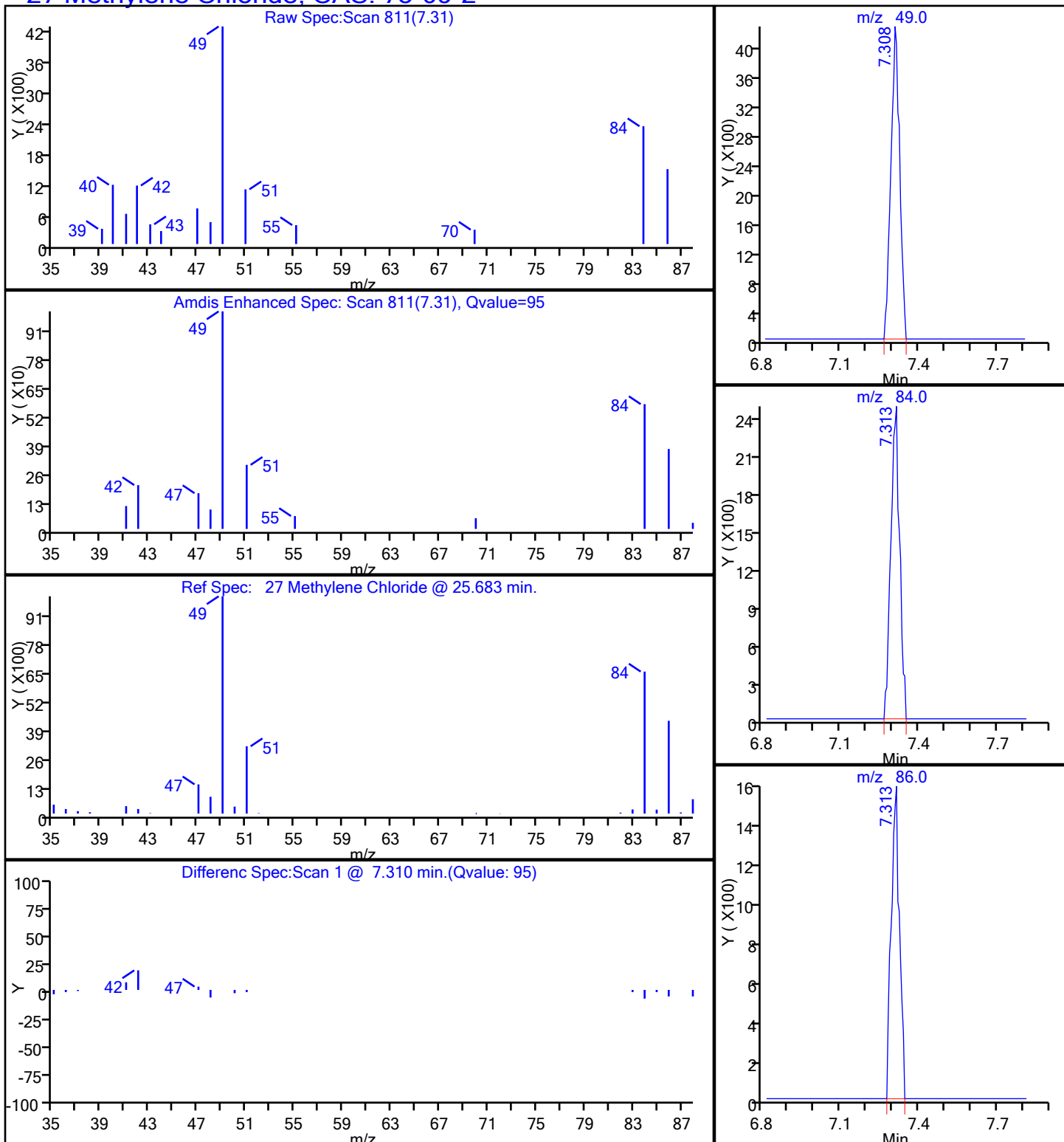
21 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
Injection Date: 28-Feb-2017 17:29:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-2 Lab Sample ID: 200-37514-2
Client ID: IA-SDS2-022217
Operator ID: pad ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

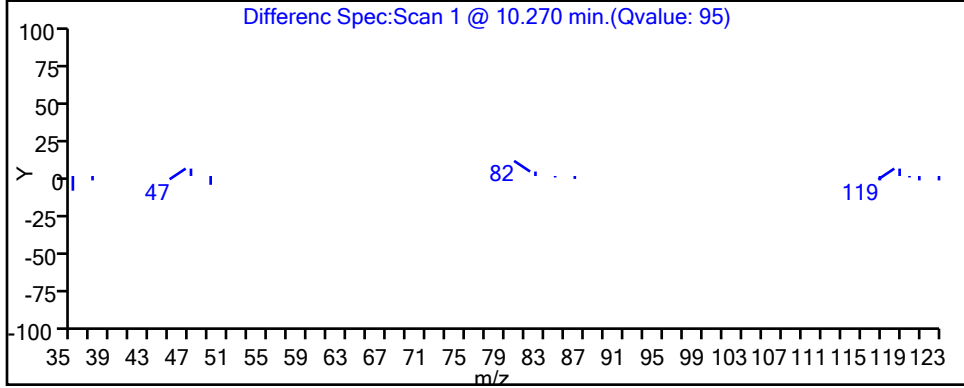
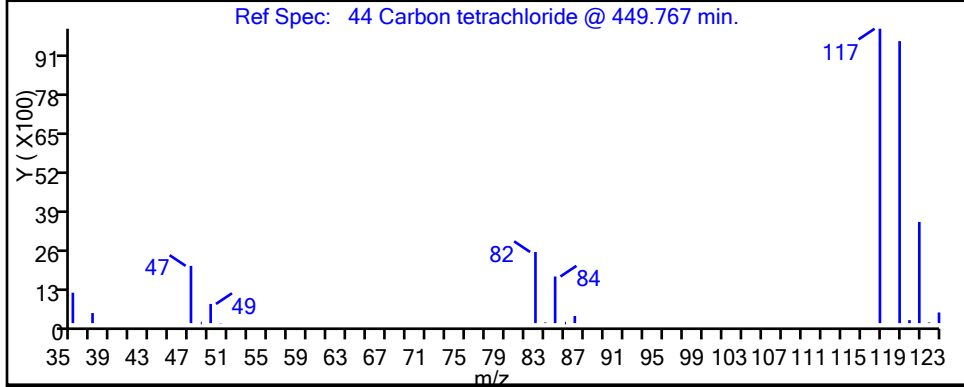
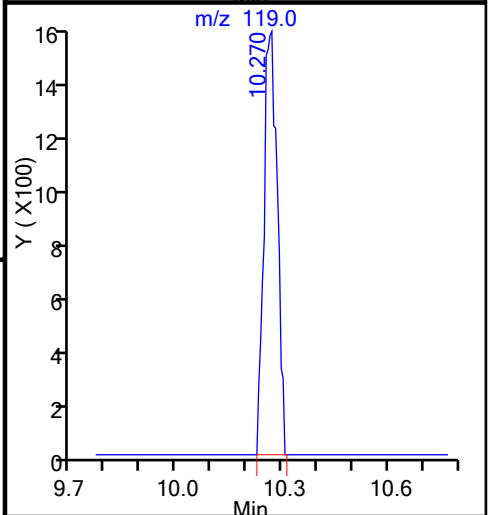
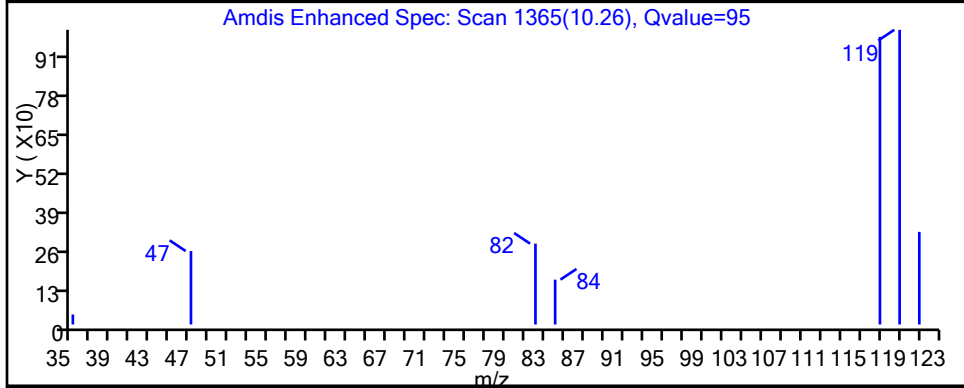
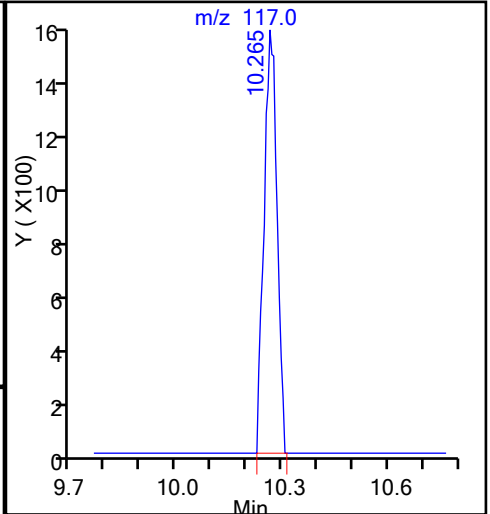
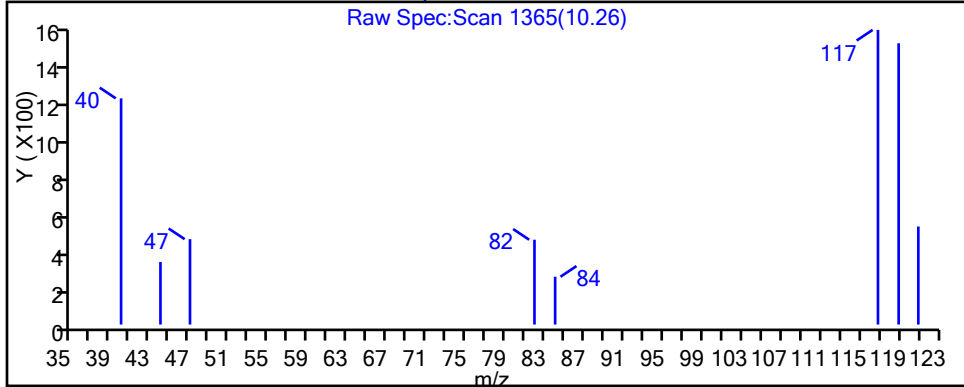
27 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
Injection Date: 28-Feb-2017 17:29:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-2 Lab Sample ID: 200-37514-2
Client ID: IA-SDS2-022217
Operator ID: pad ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

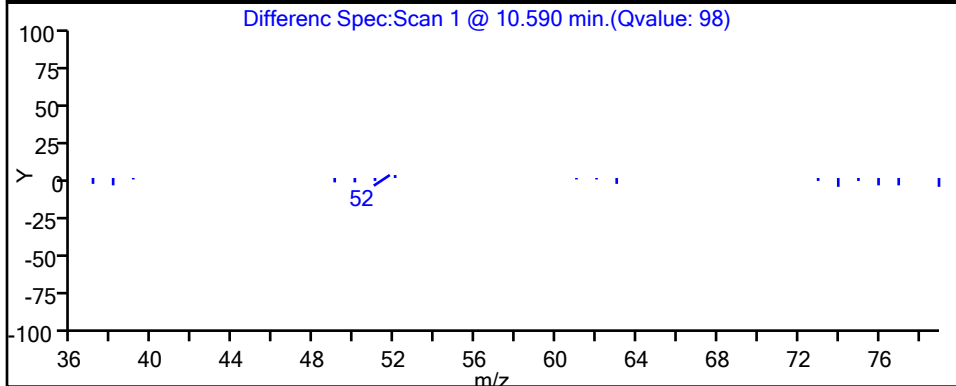
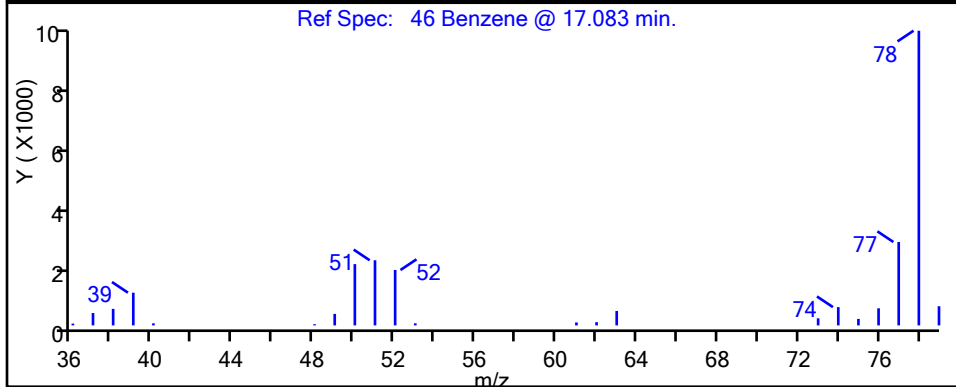
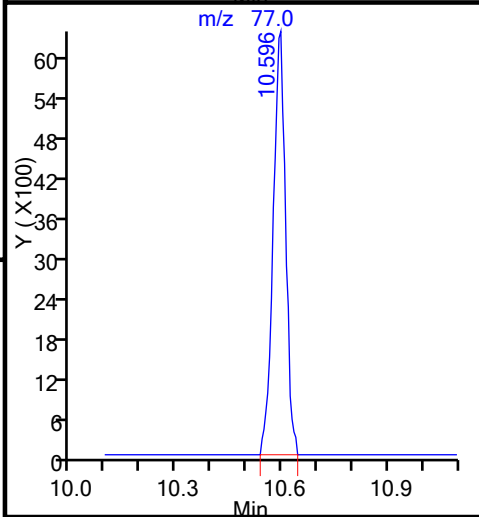
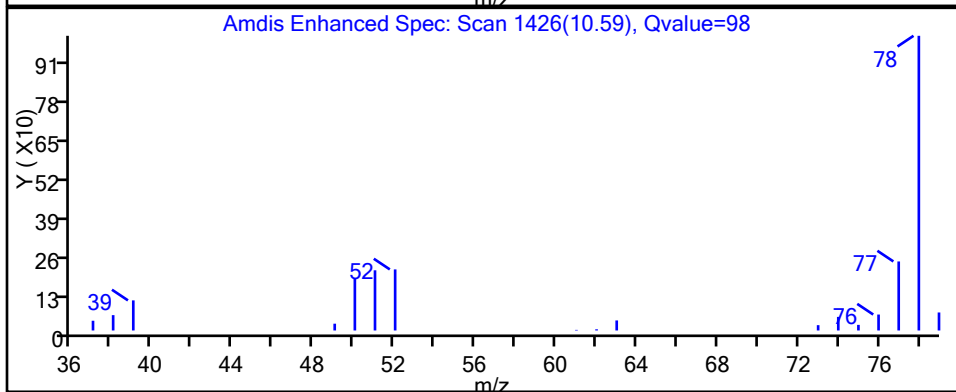
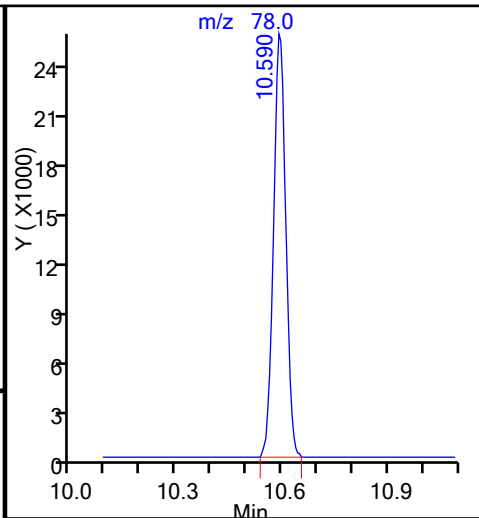
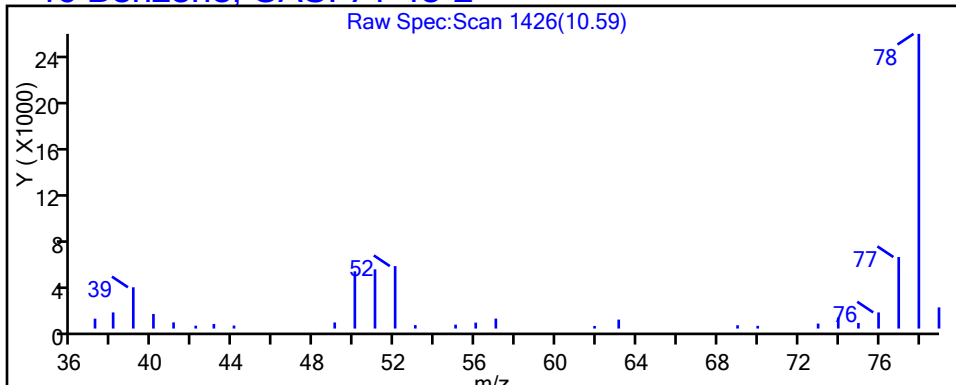
44 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
Injection Date: 28-Feb-2017 17:29:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-2 Lab Sample ID: 200-37514-2
Client ID: IA-SDS2-022217
Operator ID: pad ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

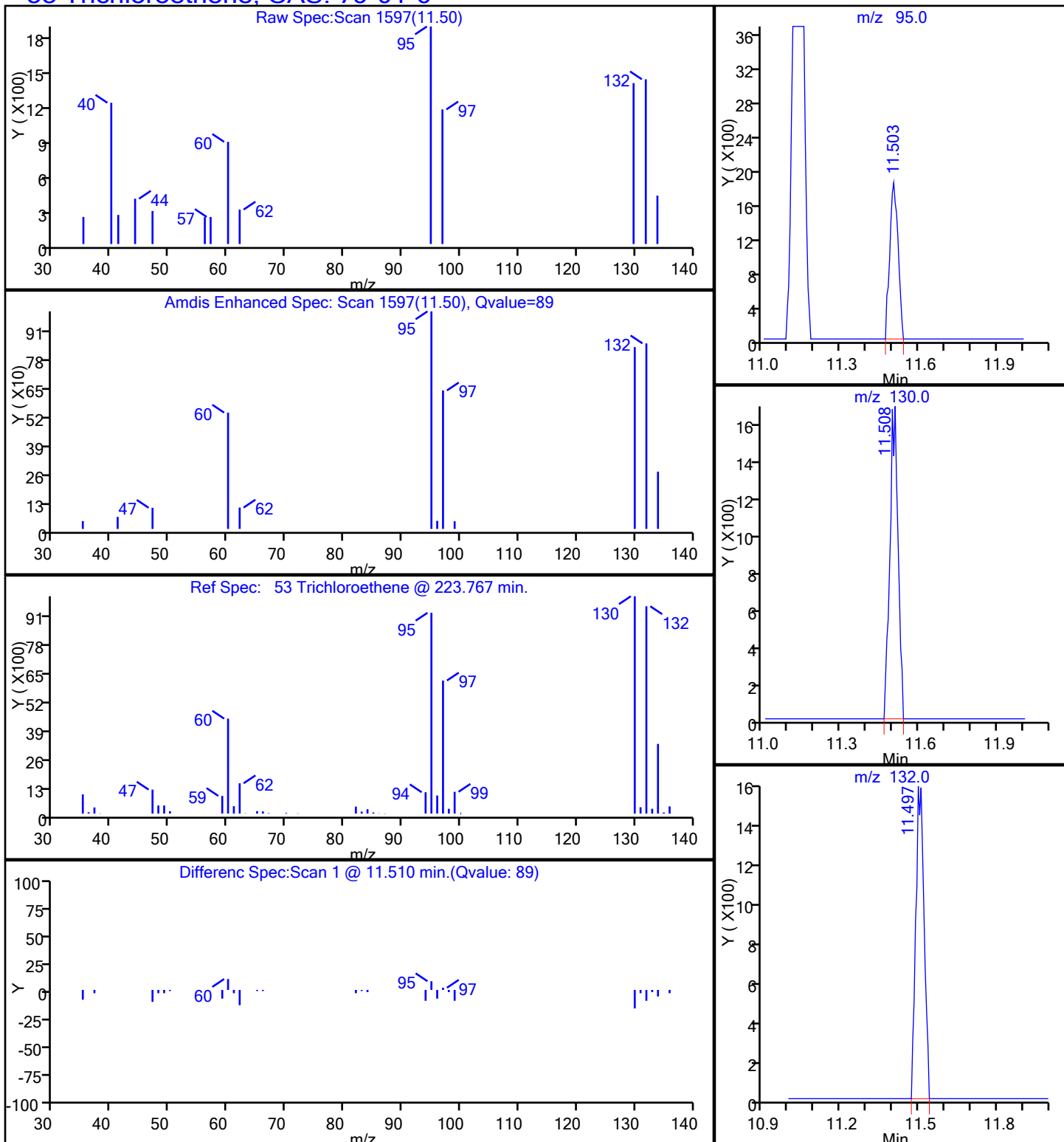
46 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
Injection Date: 28-Feb-2017 17:29:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-2 Lab Sample ID: 200-37514-2
Client ID: IA-SDS2-022217
Operator ID: pad ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

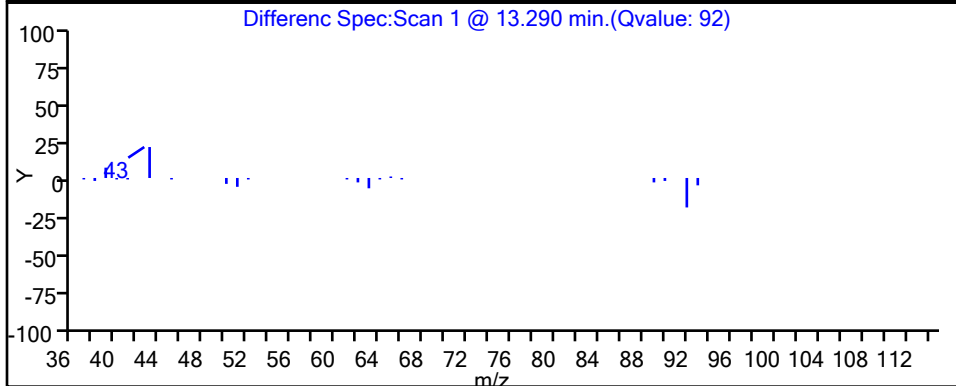
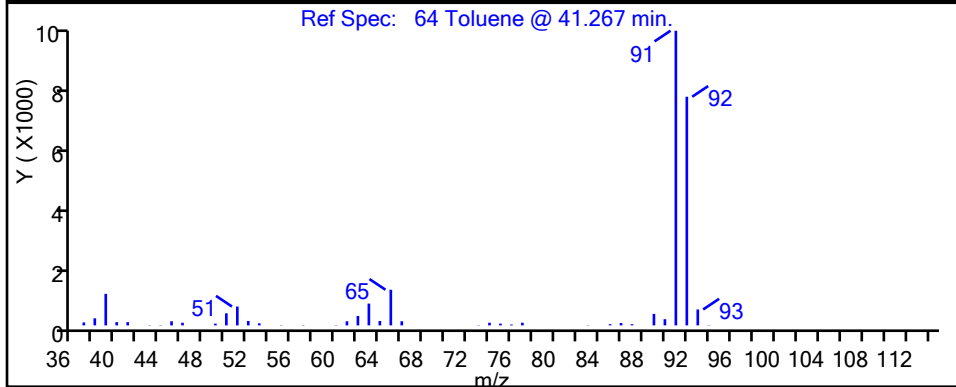
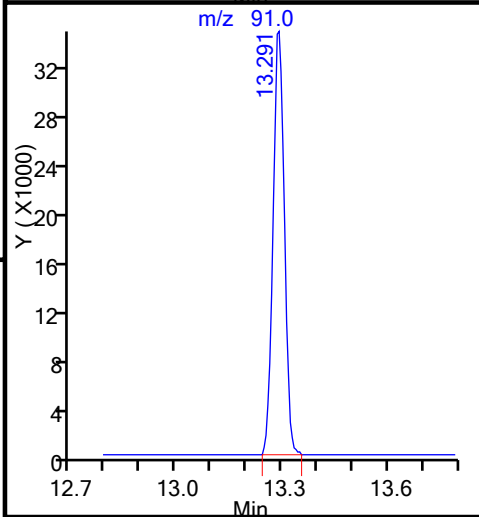
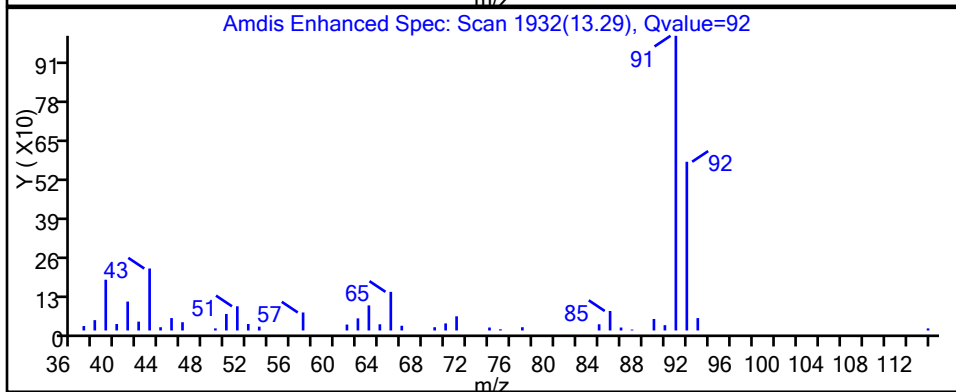
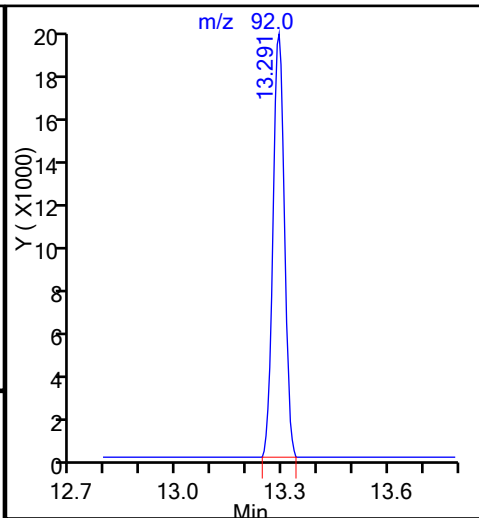
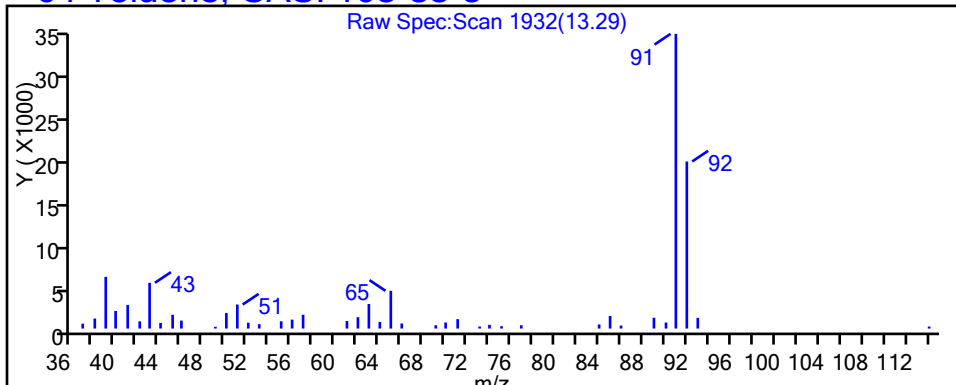
53 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
Injection Date: 28-Feb-2017 17:29:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-2 Lab Sample ID: 200-37514-2
Client ID: IA-SDS2-022217
Operator ID: pad ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

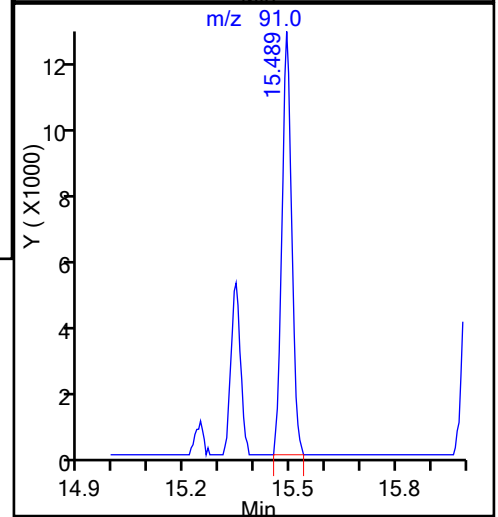
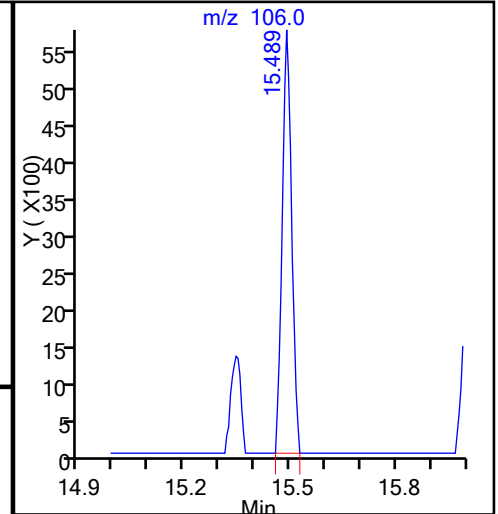
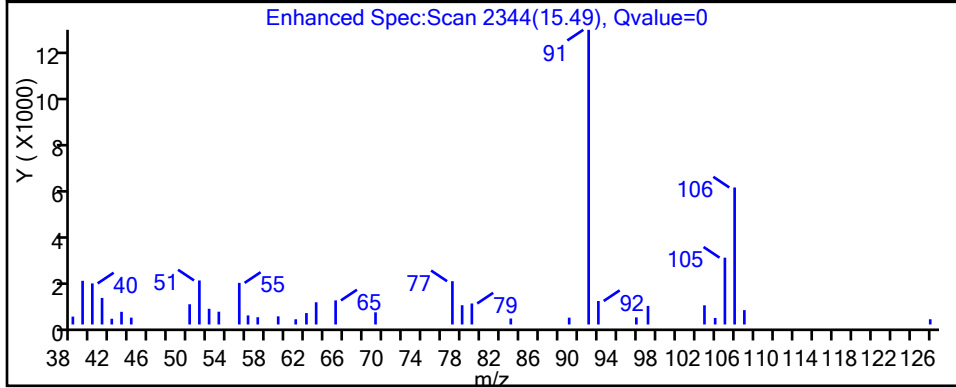
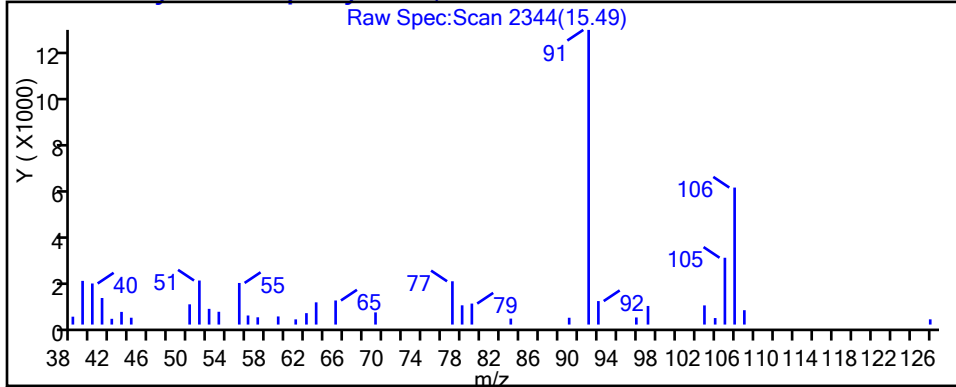
64 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
Injection Date: 28-Feb-2017 17:29:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-2 Lab Sample ID: 200-37514-2
Client ID: IA-SDS2-022217
Operator ID: pad ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

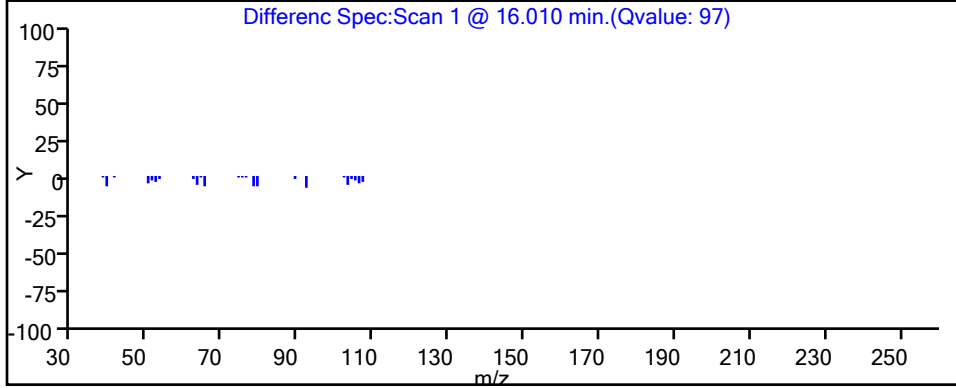
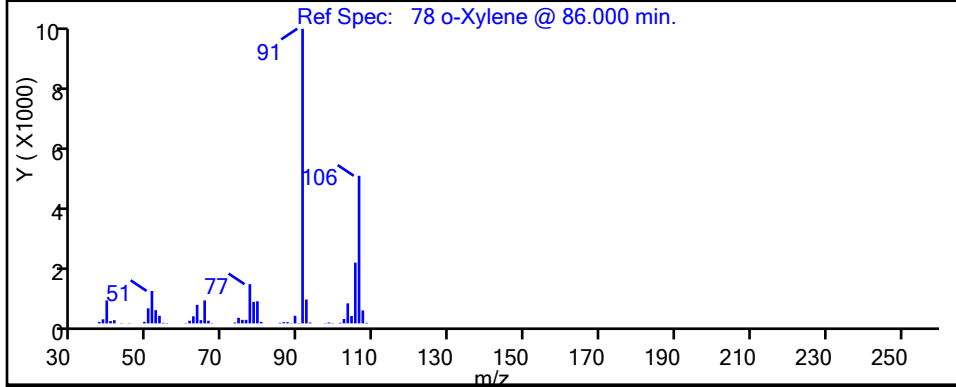
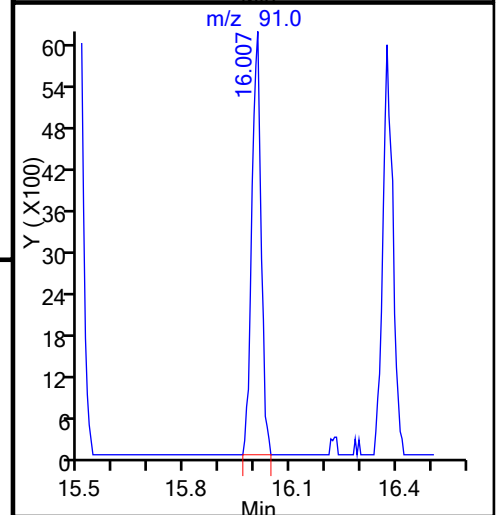
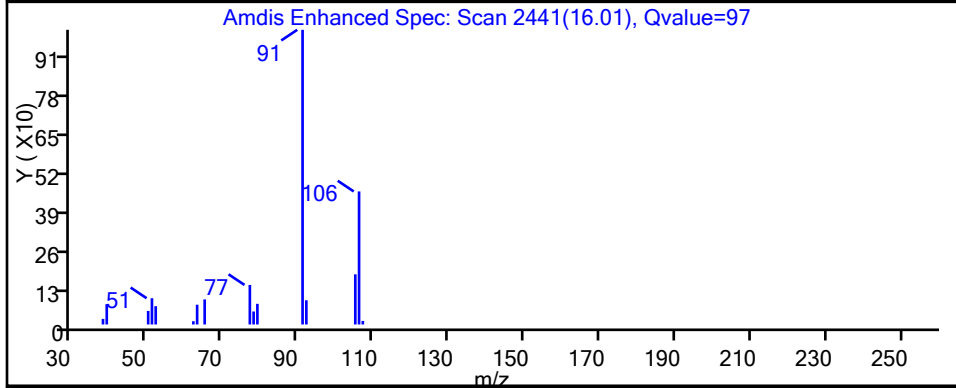
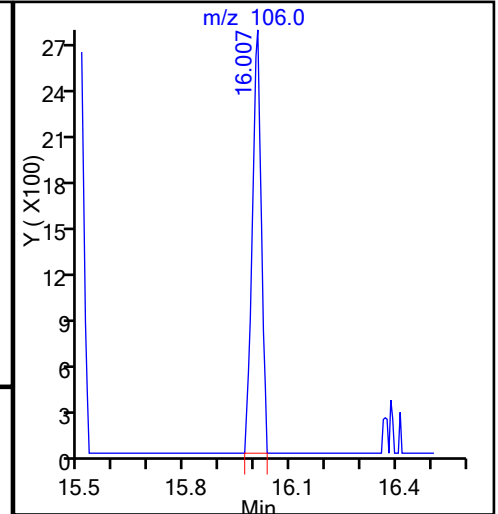
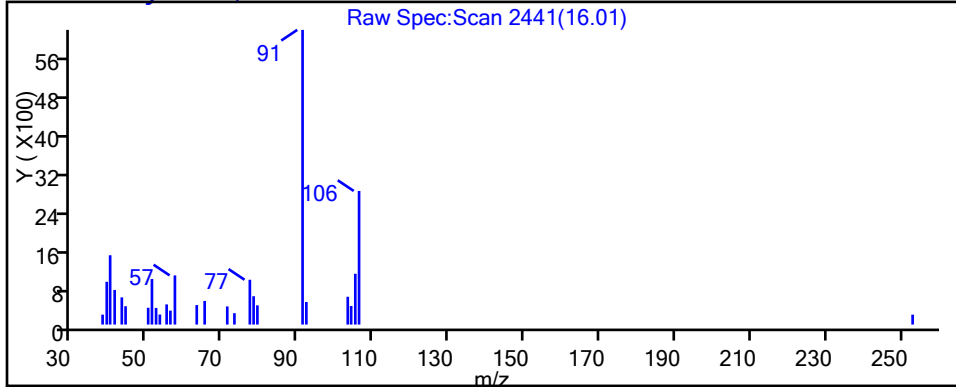
76 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-08.D
Injection Date: 28-Feb-2017 17:29:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-2 Lab Sample ID: 200-37514-2
Client ID: IA-SDS2-022217
Operator ID: pad ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

78 o-Xylene, CAS: 95-47-6



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: AMB-022217 Lab Sample ID: 200-37514-3
 Matrix: Air Lab File ID: 24122-09.D
 Analysis Method: TO-15 Date Collected: 02/23/2017 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 02/28/2017 18:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.035
67-64-1	Acetone	58.08	2.8	J	5.0	1.3
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.068
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.026
56-23-5	Carbon tetrachloride	153.81	0.065		0.040	0.011
71-43-2	Benzene	78.11	0.18	J	0.20	0.028
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.0091
108-88-3	Toluene	92.14	0.20		0.20	0.035
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.0098
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.025
179601-23-1	m,p-Xylene	106.17	0.11	J	0.50	0.077
95-47-6	Xylene, o-	106.17	0.045	J	0.20	0.040
75-25-2	Bromoform	252.75	0.20	U	0.20	0.035
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.026

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: AMB-022217 Lab Sample ID: 200-37514-3
 Matrix: Air Lab File ID: 24122-09.D
 Analysis Method: TO-15 Date Collected: 02/23/2017 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 02/28/2017 18:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.046
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.14
67-64-1	Acetone	58.08	6.6	J	12	3.1
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.069
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.11
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.14
56-23-5	Carbon tetrachloride	153.81	0.41		0.25	0.069
71-43-2	Benzene	78.11	0.57	J	0.64	0.089
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.049
108-88-3	Toluene	92.14	0.74		0.75	0.13
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.066
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.12
179601-23-1	m,p-Xylene	106.17	0.46	J	2.2	0.33
95-47-6	Xylene, o-	106.17	0.19	J	0.87	0.17
75-25-2	Bromoform	252.75	2.1	U	2.1	0.36
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.18

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-09.D
 Lims ID: 200-37514-A-3
 Client ID: AMB-022217
 Sample Type: Client
 Inject. Date: 28-Feb-2017 18:22:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0024122-009
 Misc. Info.: 37514-03
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 01-Mar-2017 11:57:51 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK010

First Level Reviewer: maheseep Date: 01-Mar-2017 10:49:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
7 Vinyl chloride	62		3.759				ND	
20 1,1-Dichloroethene	96		6.347				ND	
21 Acetone	43	6.507	6.502	0.005	99	159399	2.79	
27 Methylene Chloride	49		7.308				ND	
30 trans-1,2-Dichloroethene	61		7.719				ND	
33 1,1-Dichloroethane	63		8.461				ND	
37 cis-1,2-Dichloroethene	96		9.363				ND	
* 39 Chlorobromomethane	128	9.726	9.736	-0.010	92	168517	10.0	
S 41 1,2-Dichloroethene, Total	61		10.000				ND	
42 1,1,1-Trichloroethane	97		10.062				ND	
44 Carbon tetrachloride	117	10.270	10.270	0.000	93	3159	0.0653	
46 Benzene	78	10.595	10.596	-0.001	98	15747	0.1792	
* 50 1,4-Difluorobenzene	114	11.135	11.140	-0.005	97	897021	10.0	
53 Trichloroethene	95		11.508				ND	
64 Toluene	92	13.285	13.291	-0.006	91	10999	0.1965	
68 Tetrachloroethene	166		14.065				ND	
* 72 Chlorobenzene-d5	117	15.239	15.244	-0.005	92	730307	10.0	
73 Chlorobenzene	112		15.281				ND	
76 m-Xylene & p-Xylene	106	15.489	15.495	-0.006	0	4874	0.1064	
78 o-Xylene	106	16.002	16.007	-0.005	95	1999	0.0446	
80 Bromoform	173		16.322				ND	
83 1,1,2,2-Tetrachloroethane	83		16.824				ND	

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-09.D

Injection Date: 28-Feb-2017 18:22:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: 200-37514-A-3

Lab Sample ID: 200-37514-3

Worklist Smp#: 9

Client ID: AMB-022217

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

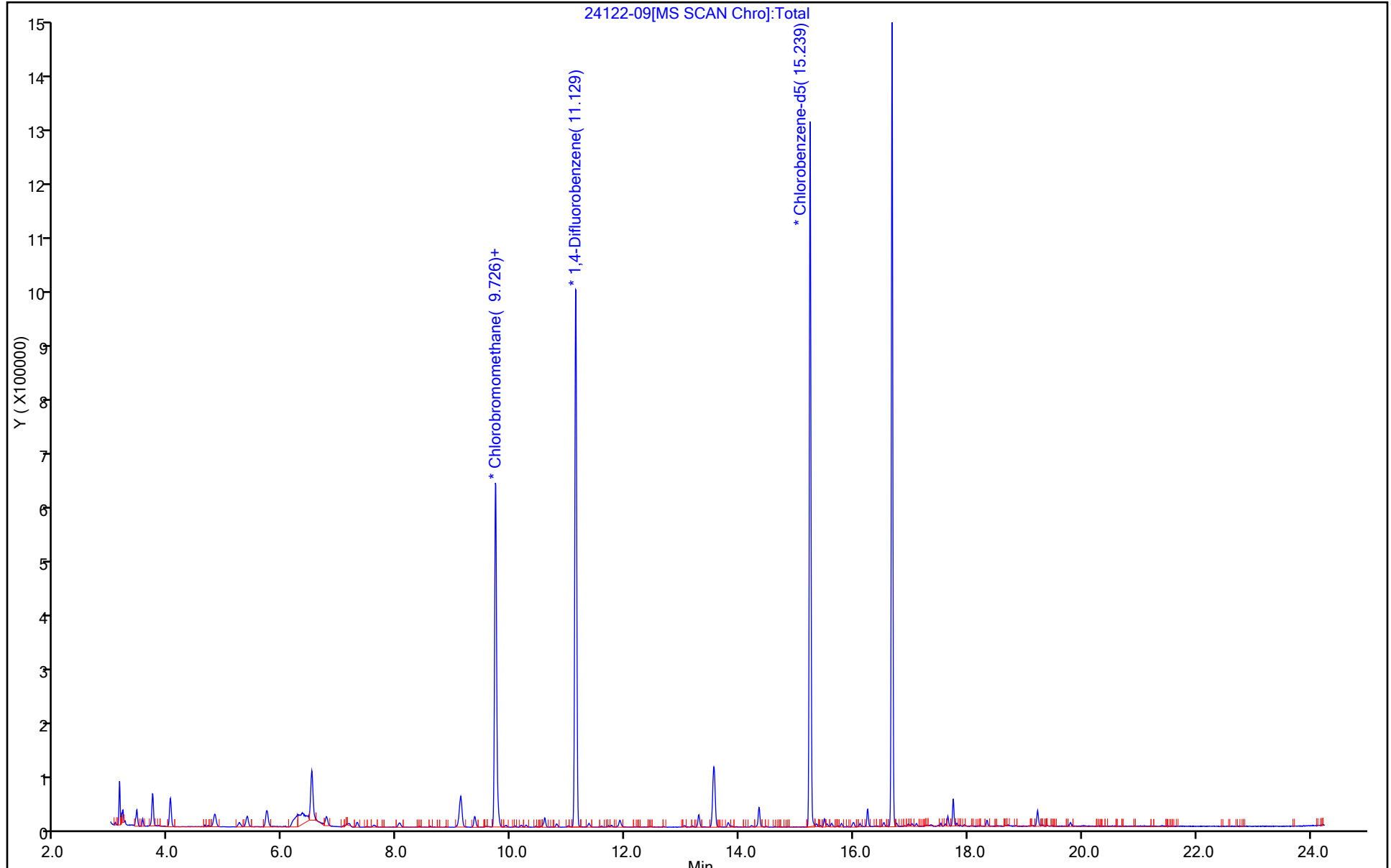
ALS Bottle#: 8

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

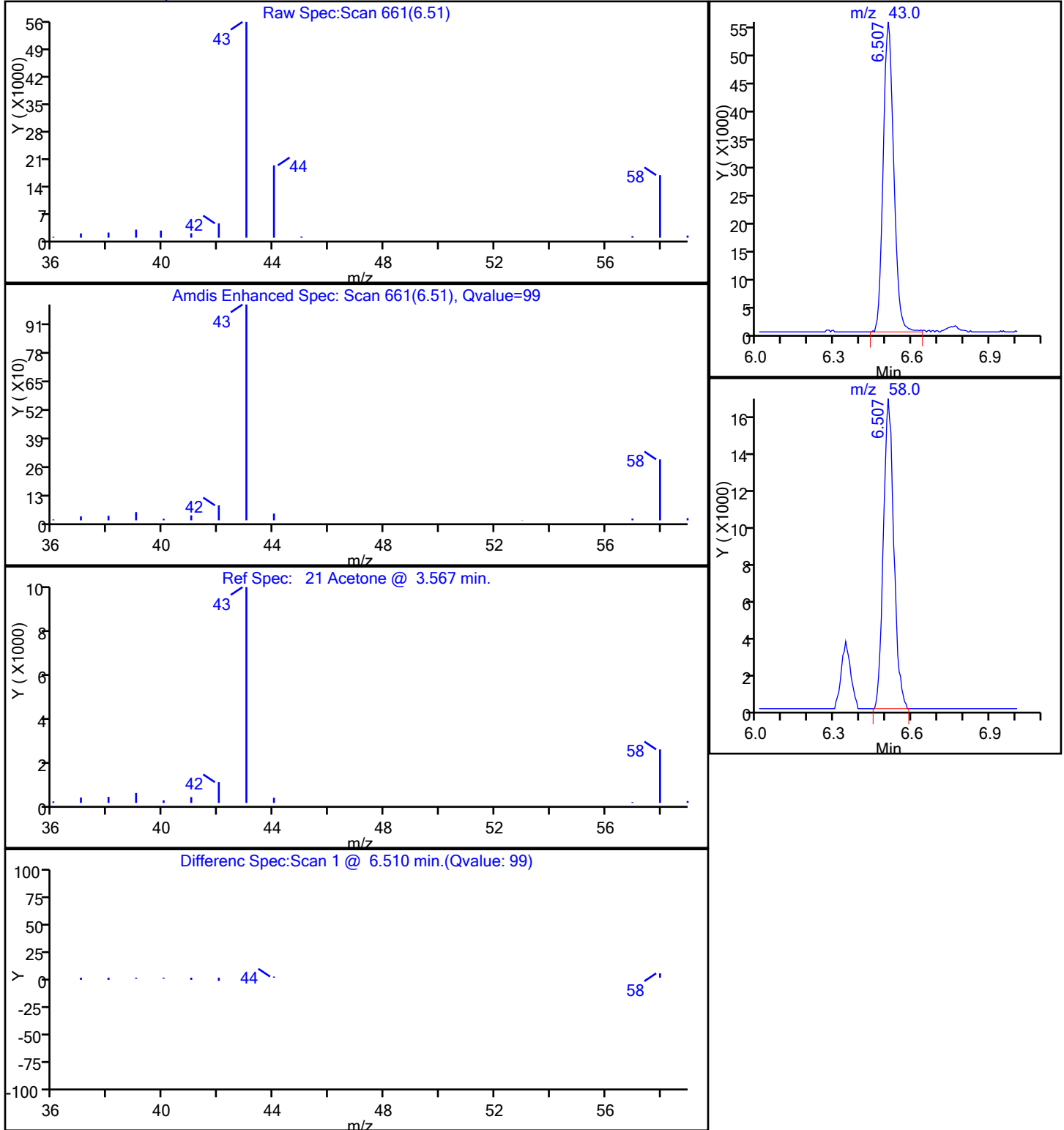
Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-09.D
Injection Date: 28-Feb-2017 18:22:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-3 Lab Sample ID: 200-37514-3
Client ID: AMB-022217
Operator ID: pad ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

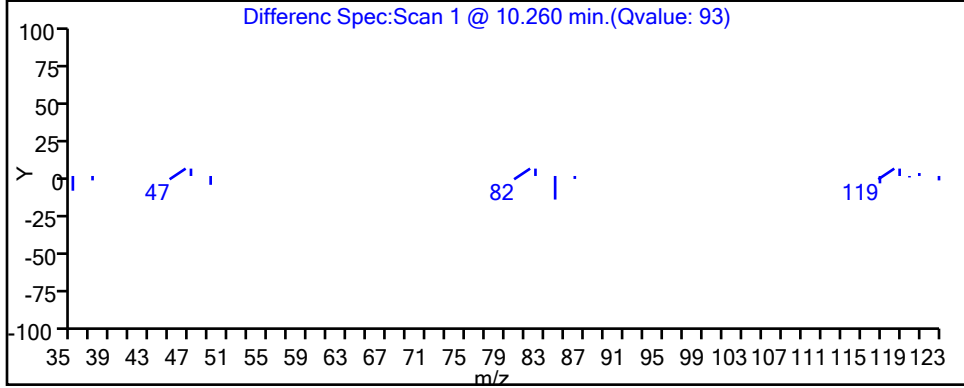
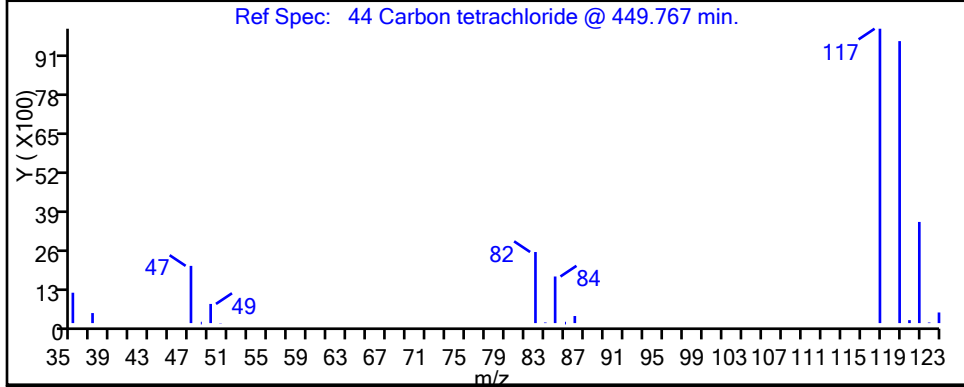
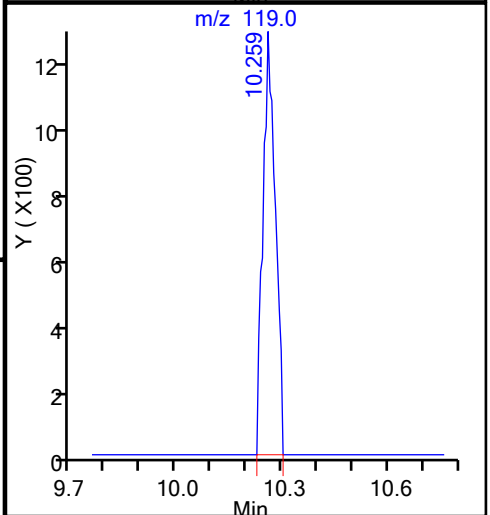
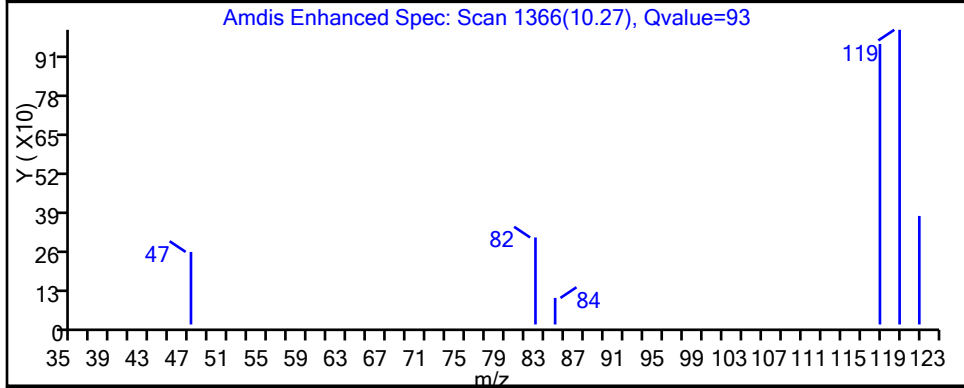
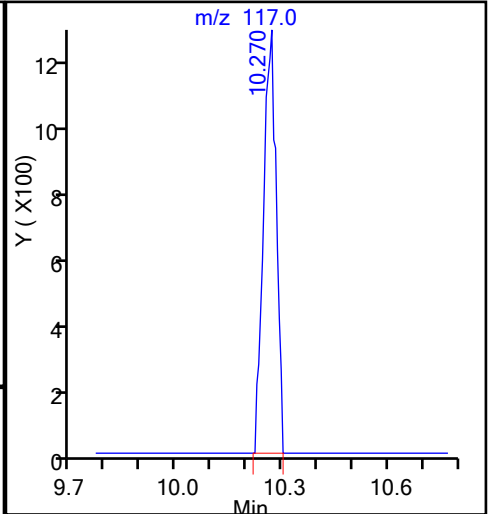
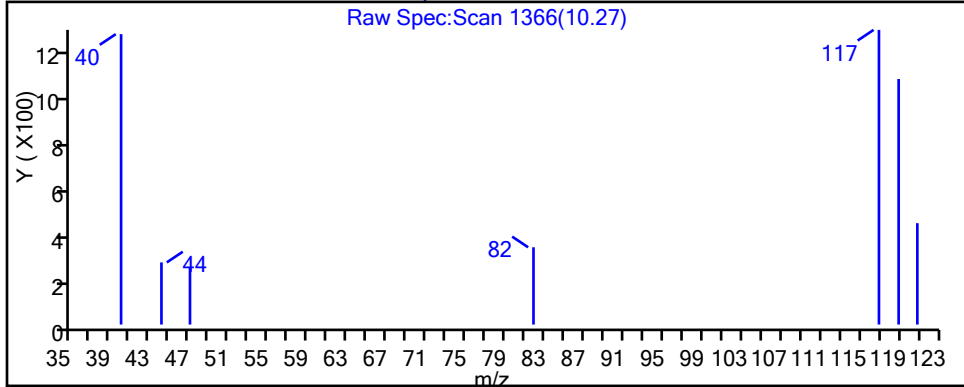
21 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-09.D
Injection Date: 28-Feb-2017 18:22:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-3 Lab Sample ID: 200-37514-3
Client ID: AMB-022217
Operator ID: pad ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

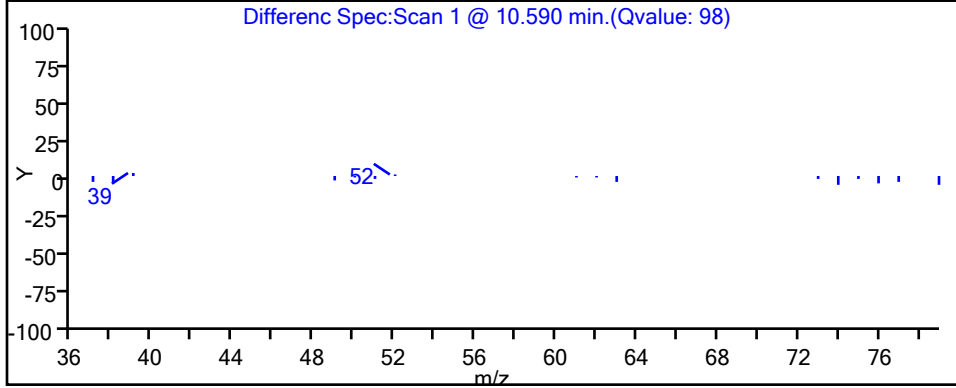
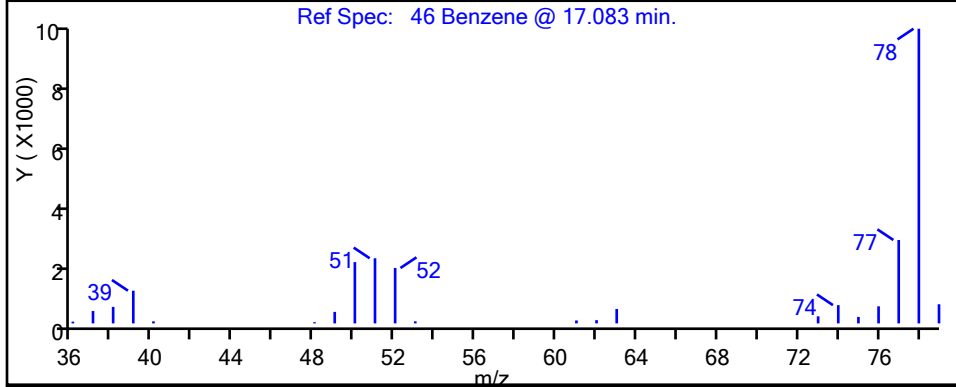
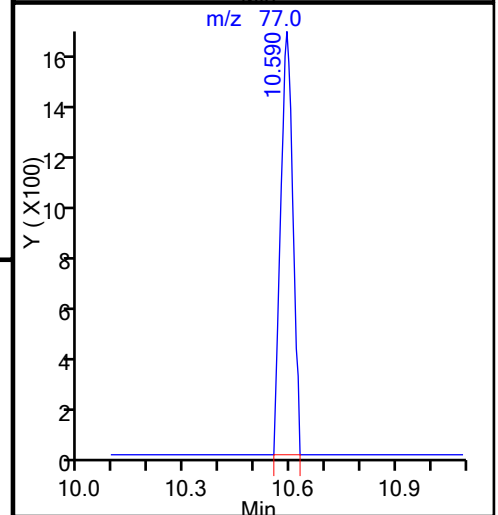
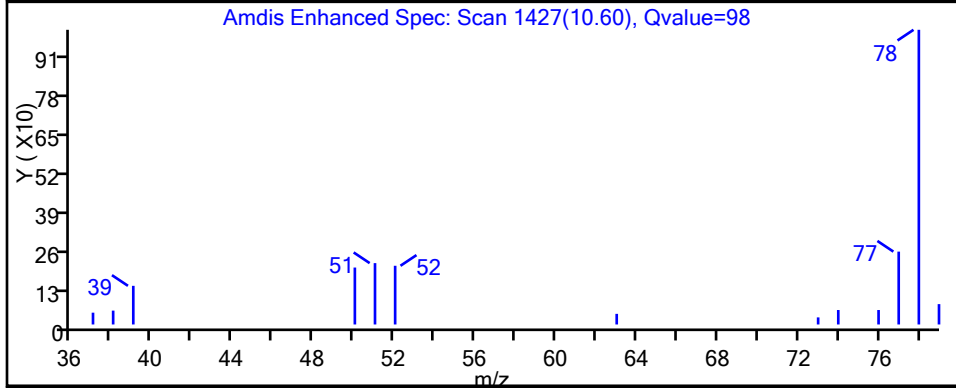
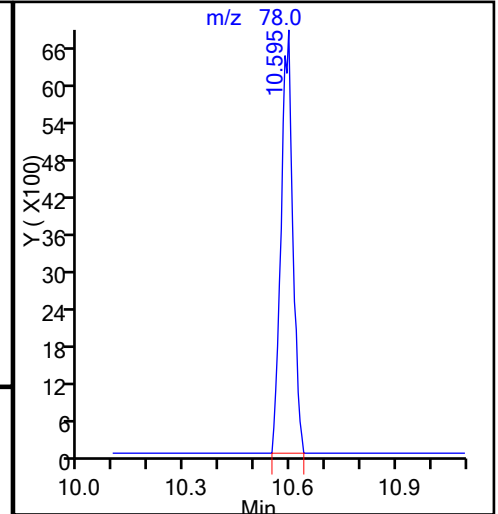
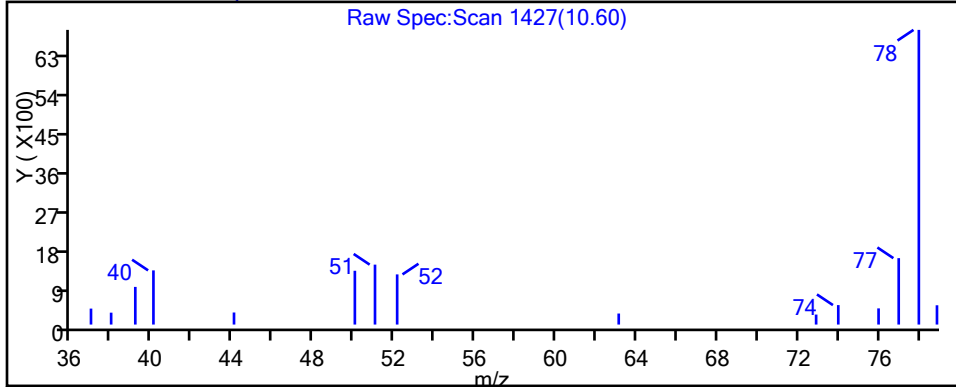
44 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-09.D
Injection Date: 28-Feb-2017 18:22:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-3 Lab Sample ID: 200-37514-3
Client ID: AMB-022217
Operator ID: pad ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

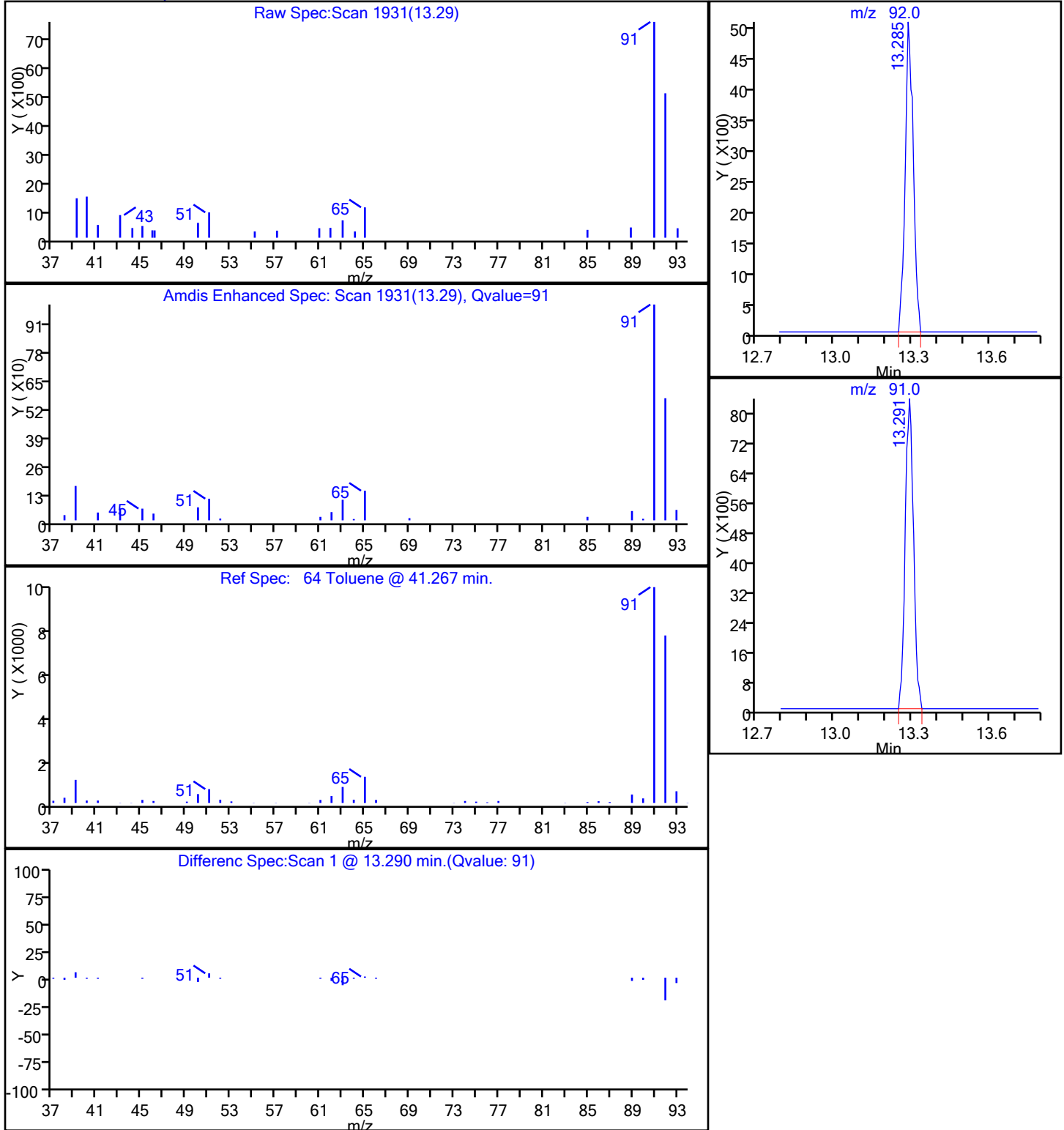
46 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-09.D
Injection Date: 28-Feb-2017 18:22:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-3 Lab Sample ID: 200-37514-3
Client ID: AMB-022217
Operator ID: pad ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

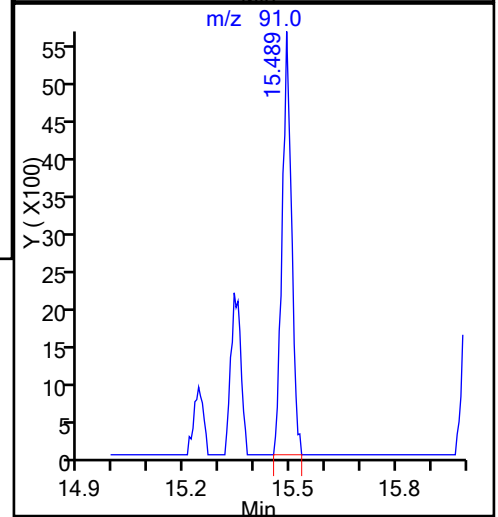
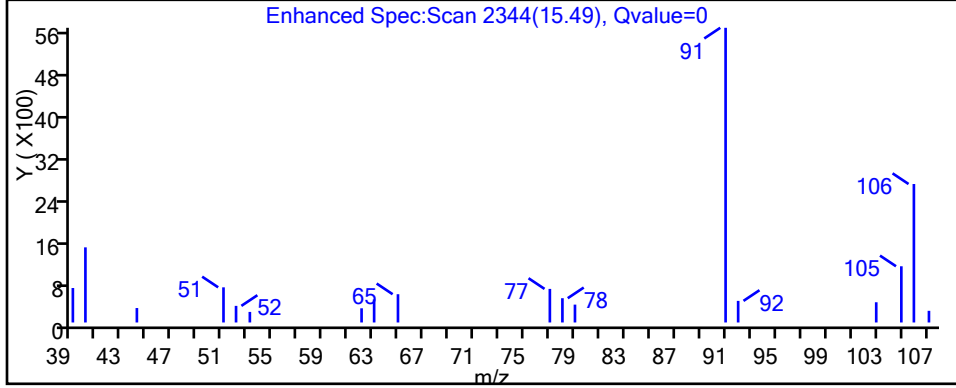
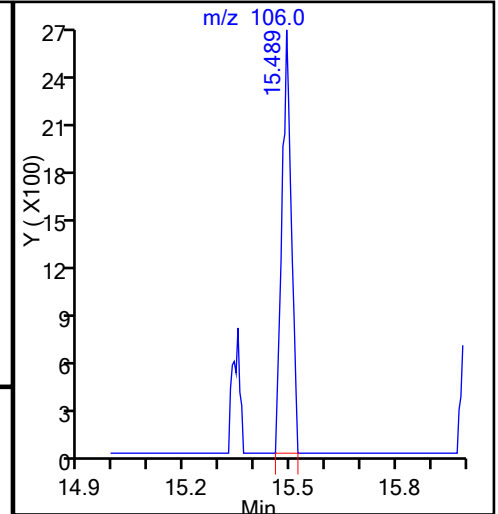
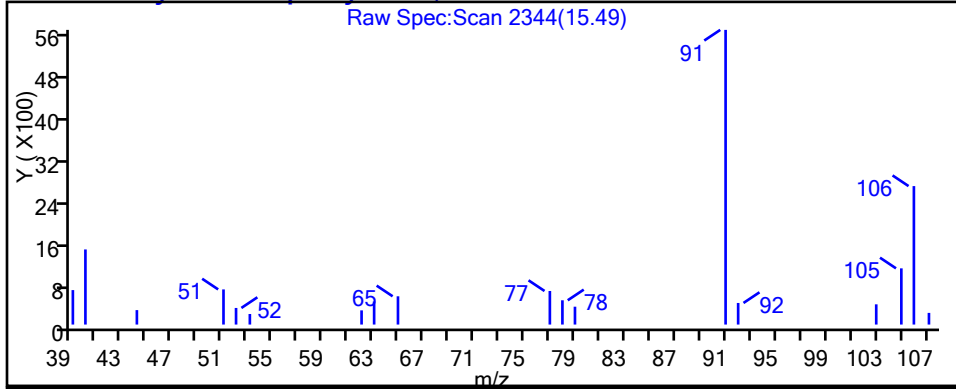
64 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-09.D
Injection Date: 28-Feb-2017 18:22:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-3 Lab Sample ID: 200-37514-3
Client ID: AMB-022217
Operator ID: pad ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

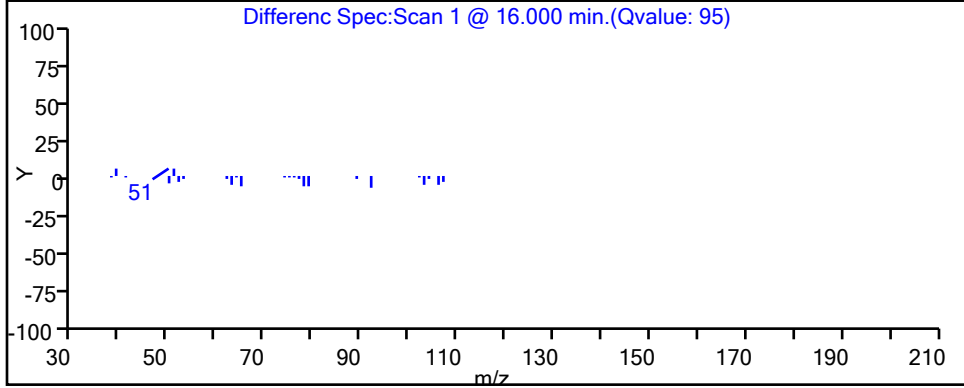
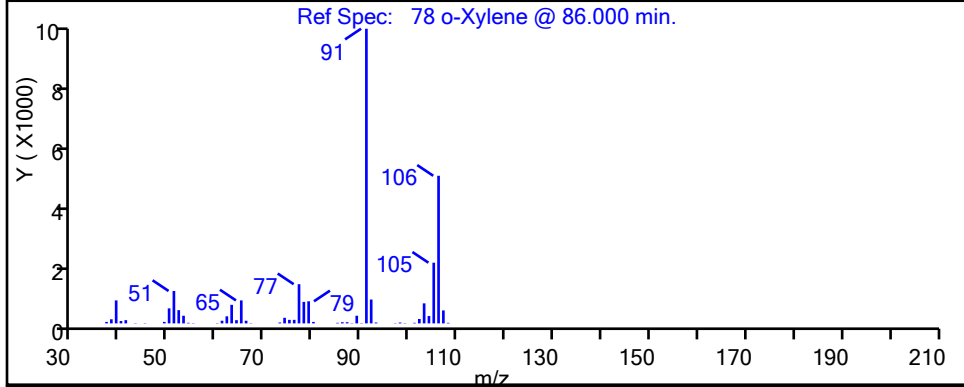
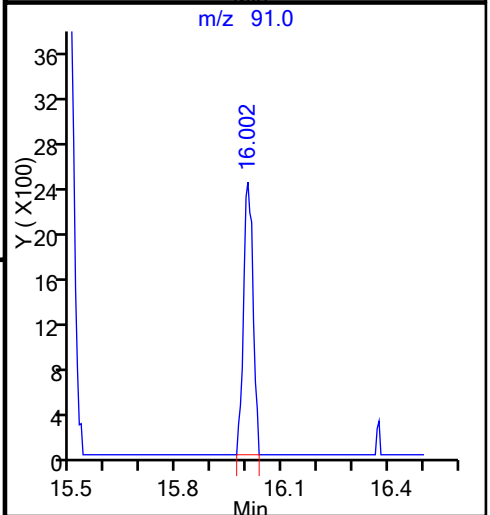
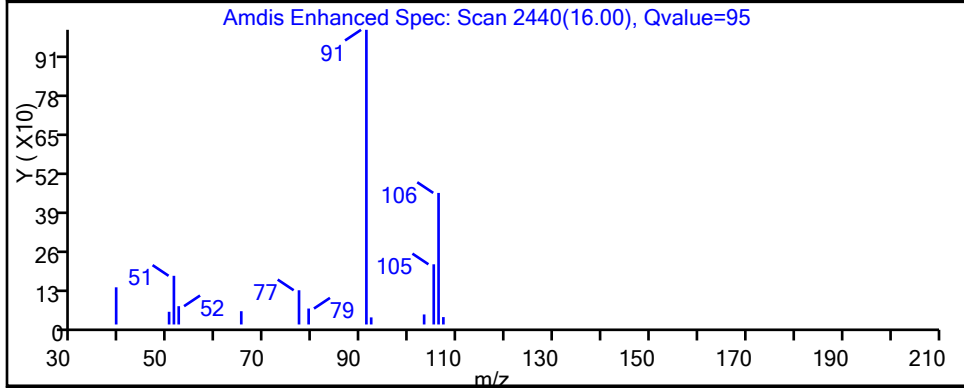
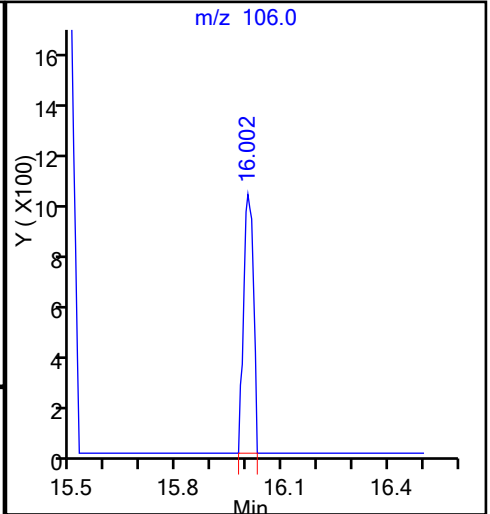
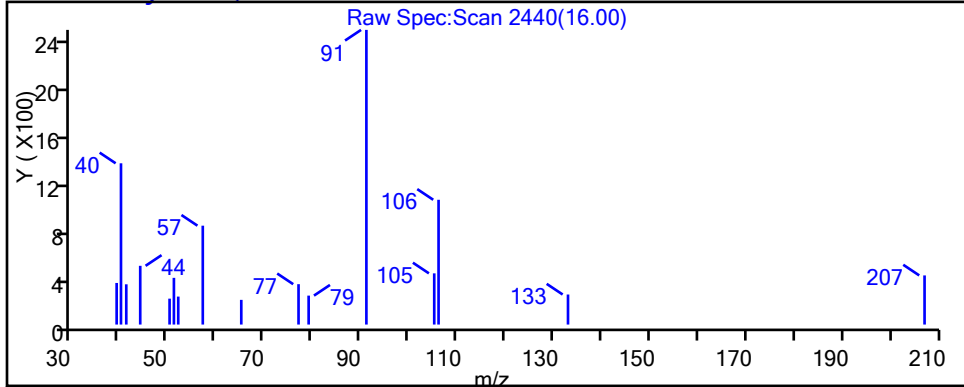
76 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-09.D
Injection Date: 28-Feb-2017 18:22:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-3 Lab Sample ID: 200-37514-3
Client ID: AMB-022217
Operator ID: pad ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

78 o-Xylene, CAS: 95-47-6



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: DUP-022217 Lab Sample ID: 200-37514-4
 Matrix: Air Lab File ID: 24122-10.D
 Analysis Method: TO-15 Date Collected: 02/23/2017 11:50
 Sample wt/vol: 200 (mL) Date Analyzed: 02/28/2017 19:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.035
67-64-1	Acetone	58.08	13		5.0	1.3
75-09-2	Methylene Chloride	84.93	0.25	J	0.50	0.068
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.026
56-23-5	Carbon tetrachloride	153.81	0.074		0.040	0.011
71-43-2	Benzene	78.11	0.32		0.20	0.028
79-01-6	Trichloroethene	131.39	0.34		0.040	0.0091
108-88-3	Toluene	92.14	1.3		0.20	0.035
127-18-4	Tetrachloroethene	165.83	0.020	J	0.20	0.0098
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.025
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.077
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.040
75-25-2	Bromoform	252.75	0.20	U	0.20	0.035
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.026

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: DUP-022217 Lab Sample ID: 200-37514-4
 Matrix: Air Lab File ID: 24122-10.D
 Analysis Method: TO-15 Date Collected: 02/23/2017 11:50
 Sample wt/vol: 200 (mL) Date Analyzed: 02/28/2017 19:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.046
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.14
67-64-1	Acetone	58.08	30		12	3.1
75-09-2	Methylene Chloride	84.93	0.88	J	1.7	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.069
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.11
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.14
56-23-5	Carbon tetrachloride	153.81	0.47		0.25	0.069
71-43-2	Benzene	78.11	1.0		0.64	0.089
79-01-6	Trichloroethene	131.39	1.8		0.21	0.049
108-88-3	Toluene	92.14	4.8		0.75	0.13
127-18-4	Tetrachloroethene	165.83	0.14	J	1.4	0.066
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.12
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.33
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.17
75-25-2	Bromoform	252.75	2.1	U	2.1	0.36
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.18

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-10.D
 Lims ID: 200-37514-A-4
 Client ID: DUP-022217
 Sample Type: Client
 Inject. Date: 28-Feb-2017 19:14:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0024122-010
 Misc. Info.: 37514-04
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\TO15_LL NJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 01-Mar-2017 11:57:51 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK010

First Level Reviewer: maheseep Date: 01-Mar-2017 10:53:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
7 Vinyl chloride	62		3.759				ND	
20 1,1-Dichloroethene	96		6.347				ND	
21 Acetone	43	6.502	6.502	0.000	99	684239	12.8	
27 Methylene Chloride	49	7.313	7.308	0.005	94	9163	0.2519	
30 trans-1,2-Dichloroethene	61		7.719				ND	
33 1,1-Dichloroethane	63		8.461				ND	
37 cis-1,2-Dichloroethene	96		9.363				ND	
* 39 Chlorobromomethane	128	9.731	9.736	-0.005	92	158277	10.0	
S 41 1,2-Dichloroethene, Total	61		10.000				ND	
42 1,1,1-Trichloroethane	97		10.062				ND	
44 Carbon tetrachloride	117	10.265	10.270	-0.005	97	3327	0.0740	
46 Benzene	78	10.595	10.596	-0.001	98	26218	0.3215	
* 50 1,4-Difluorobenzene	114	11.134	11.140	-0.006	97	832728	10.0	
53 Trichloroethene	95	11.503	11.508	-0.005	91	11012	0.3387	
64 Toluene	92	13.291	13.291	0.000	93	65501	1.28	
68 Tetrachloroethene	166	14.064	14.065	-0.001	0	680	0.0202	
* 72 Chlorobenzene-d5	117	15.239	15.244	-0.005	92	667543	10.0	
73 Chlorobenzene	112		15.281				ND	
76 m-Xylene & p-Xylene	106		15.495				ND	
78 o-Xylene	106		16.007				ND	
80 Bromoform	173		16.322				ND	
83 1,1,2,2-Tetrachloroethane	83		16.824				ND	

Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-10.D

Injection Date: 28-Feb-2017 19:14:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: 200-37514-A-4

Lab Sample ID: 200-37514-4

Worklist Smp#: 10

Client ID: DUP-022217

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

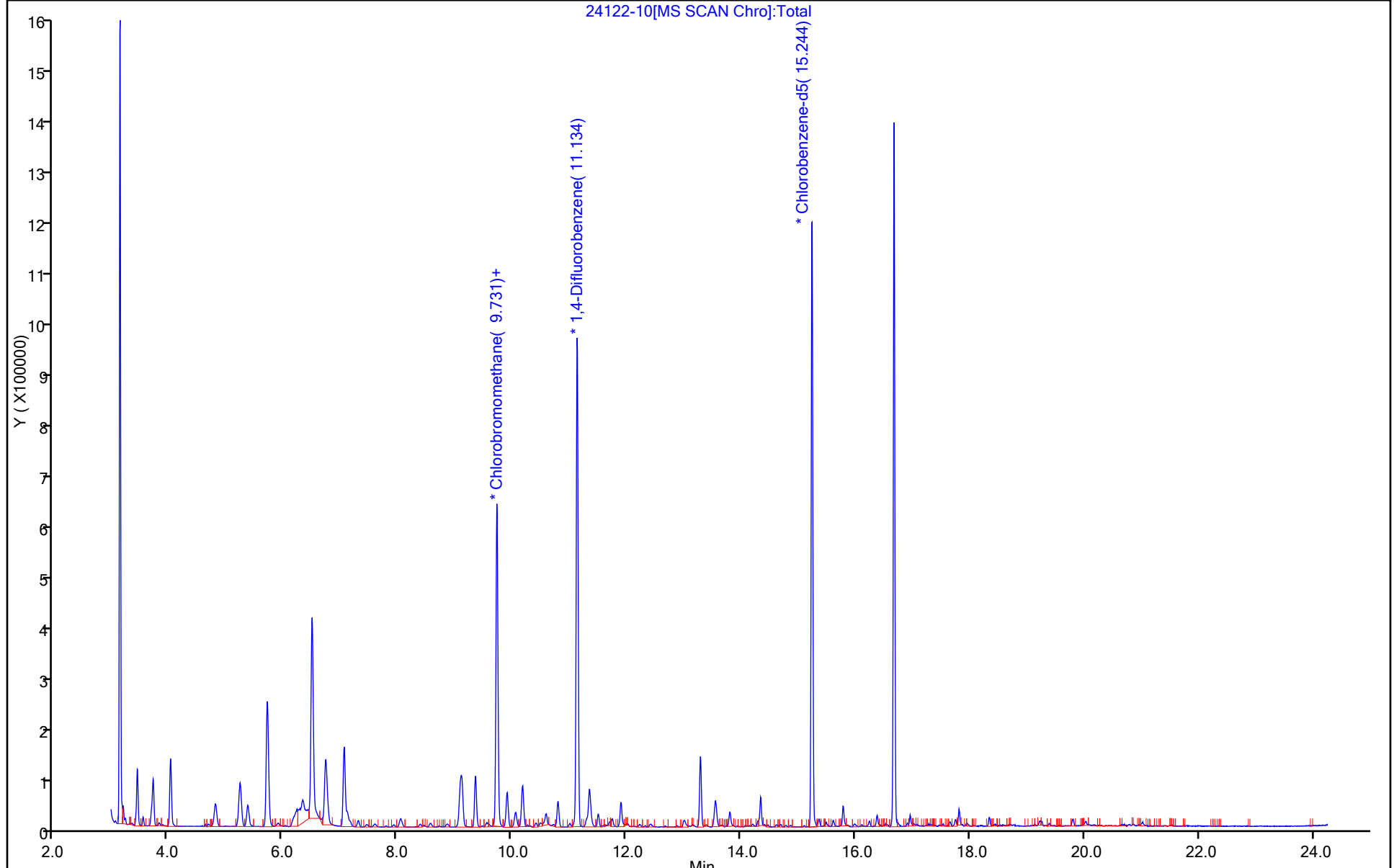
ALS Bottle#: 9

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

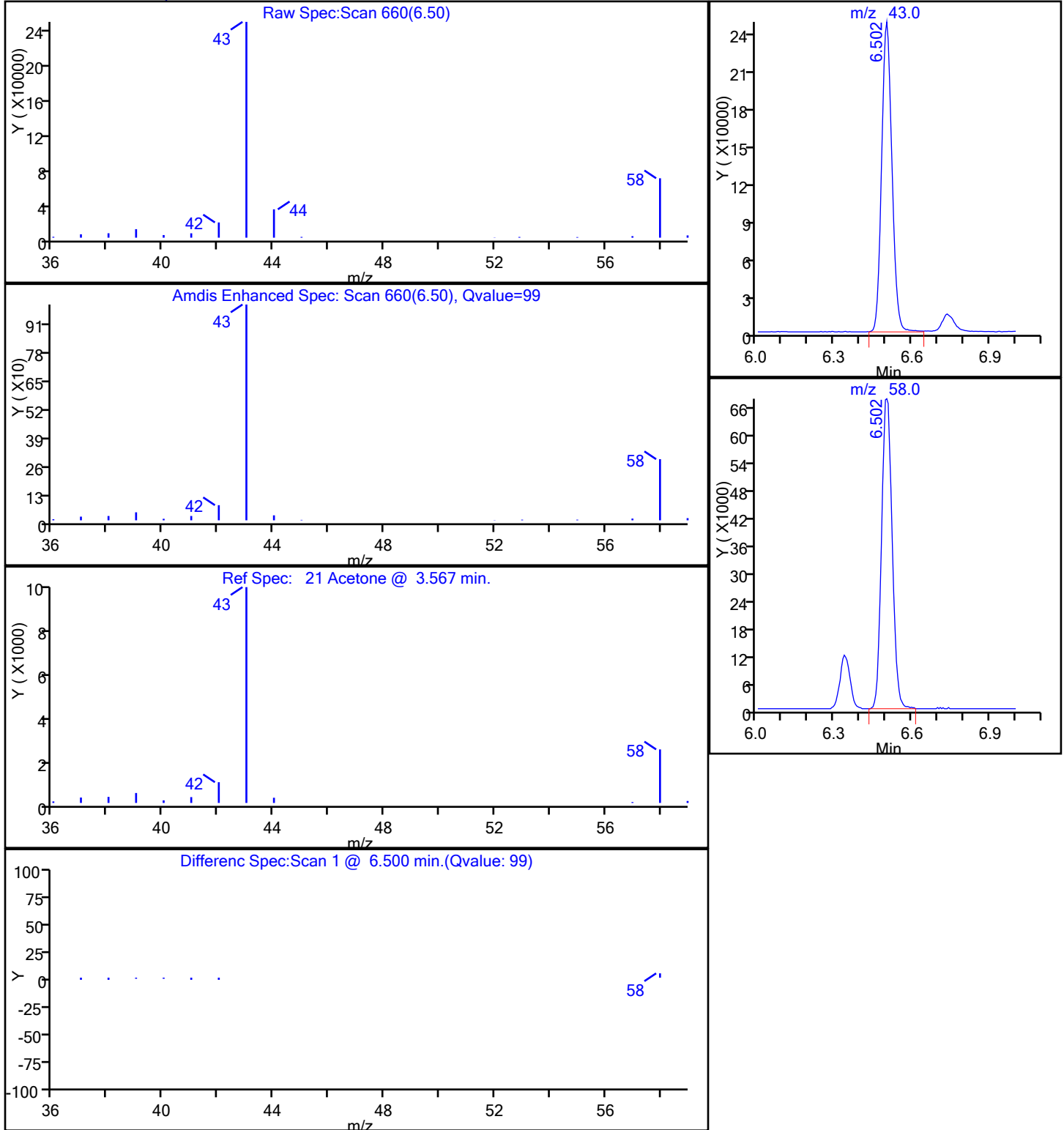
Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-10.D
Injection Date: 28-Feb-2017 19:14:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-4 Lab Sample ID: 200-37514-4
Client ID: DUP-022217
Operator ID: pad ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

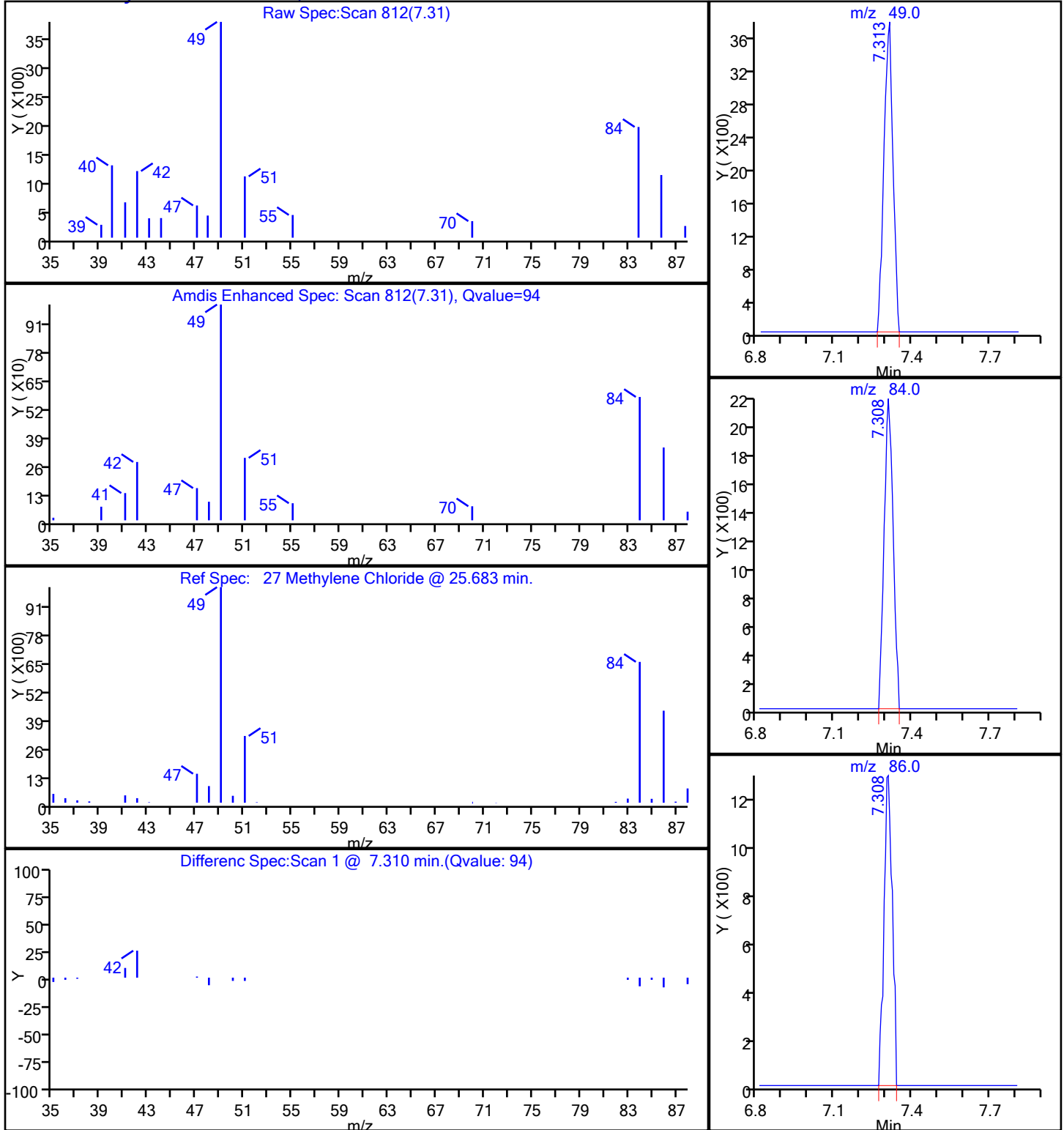
21 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-10.D
Injection Date: 28-Feb-2017 19:14:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-4 Lab Sample ID: 200-37514-4
Client ID: DUP-022217
Operator ID: pad ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

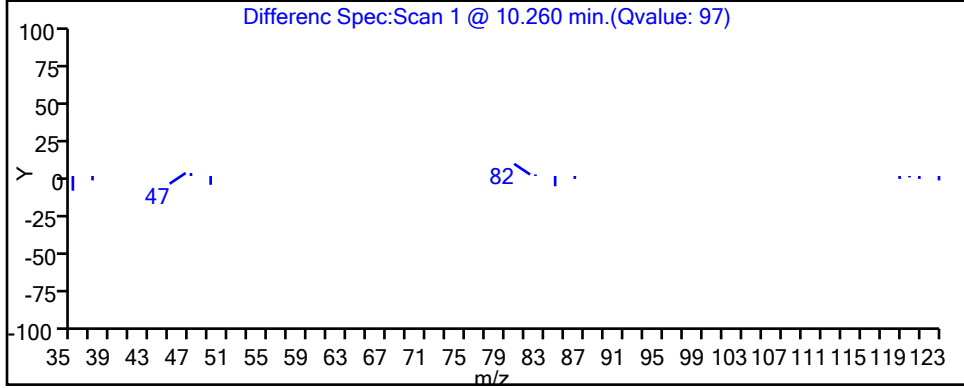
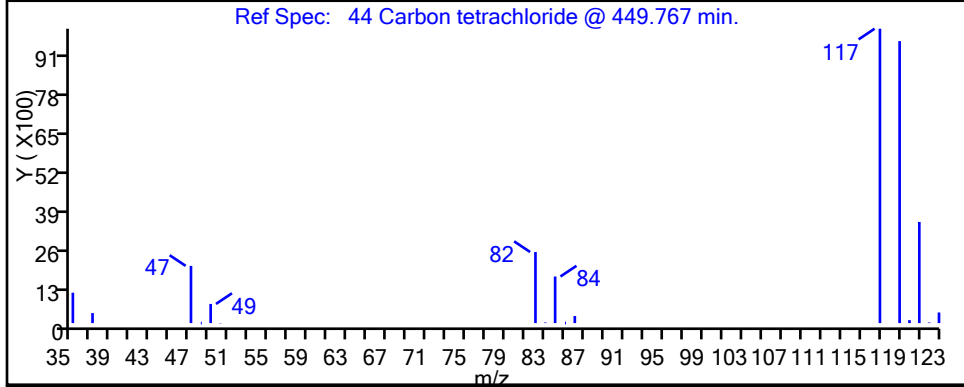
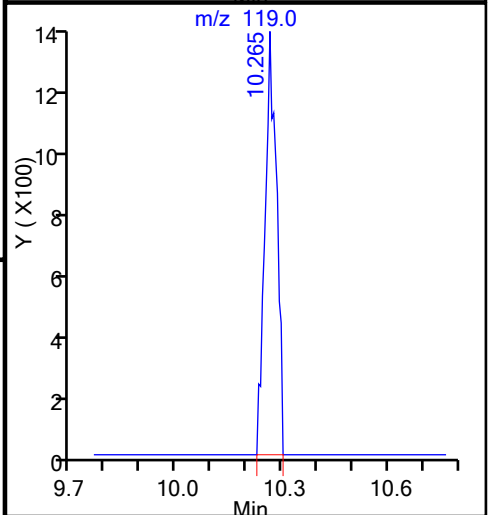
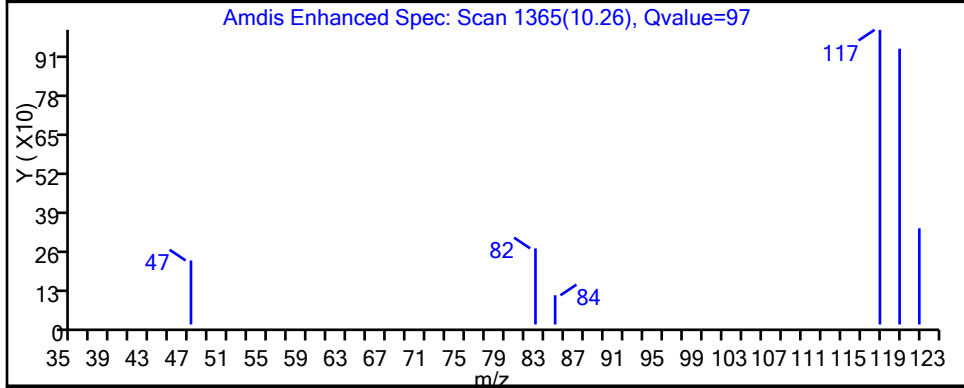
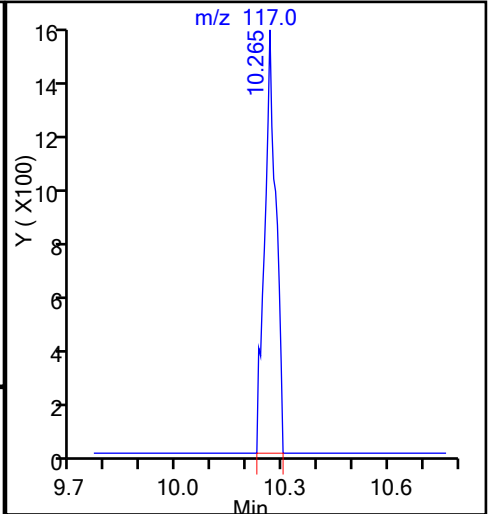
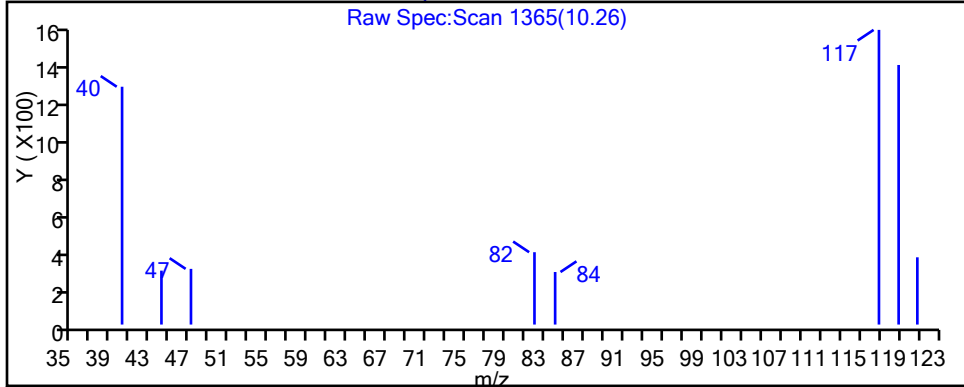
27 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-10.D
Injection Date: 28-Feb-2017 19:14:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-4 Lab Sample ID: 200-37514-4
Client ID: DUP-022217
Operator ID: pad ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

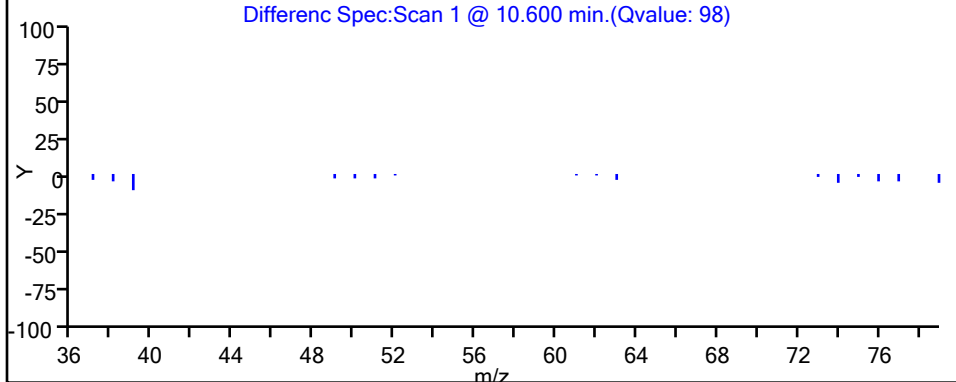
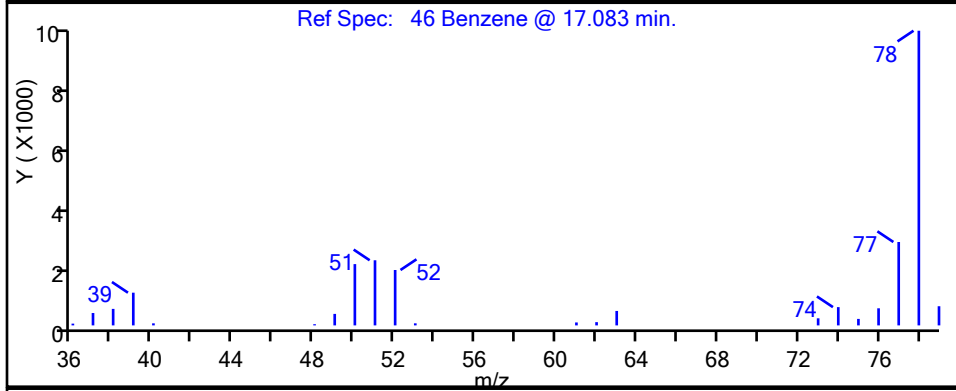
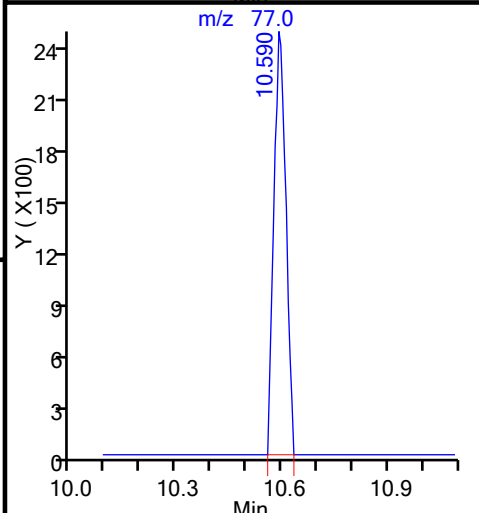
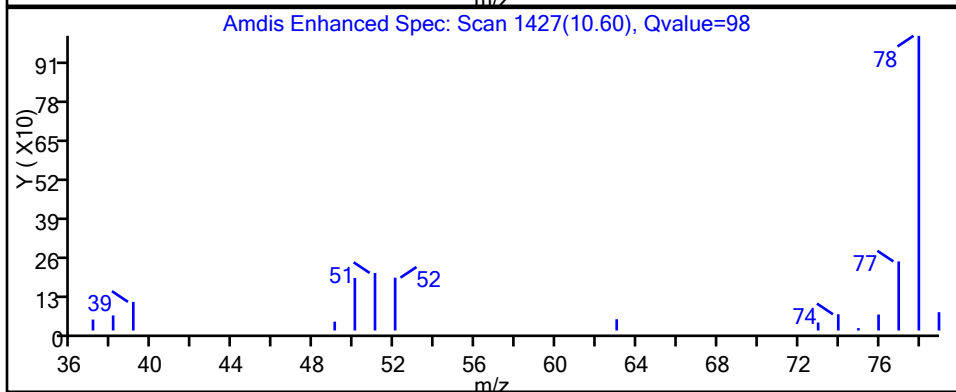
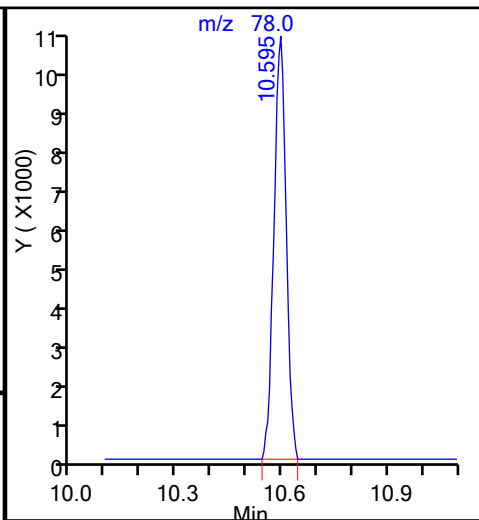
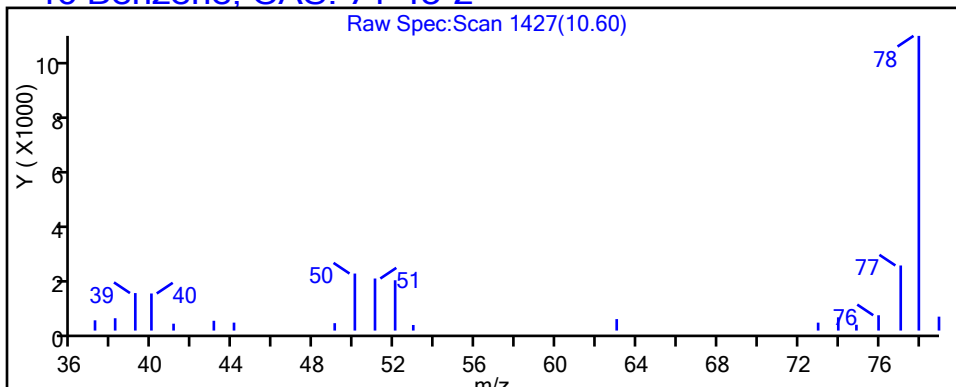
44 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-10.D
Injection Date: 28-Feb-2017 19:14:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-4 Lab Sample ID: 200-37514-4
Client ID: DUP-022217
Operator ID: pad ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

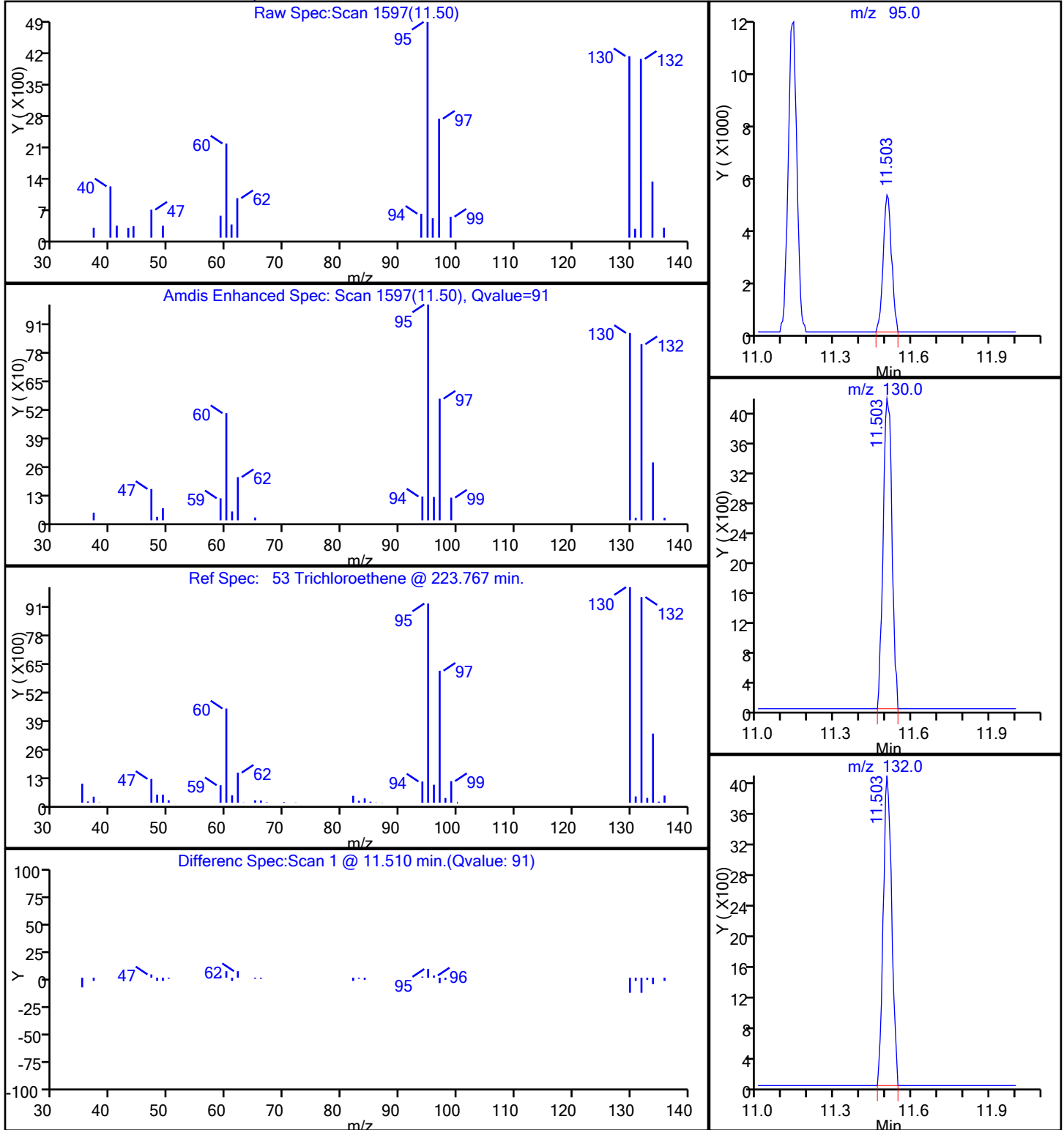
46 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-10.D
Injection Date: 28-Feb-2017 19:14:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-4 Lab Sample ID: 200-37514-4
Client ID: DUP-022217
Operator ID: pad ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

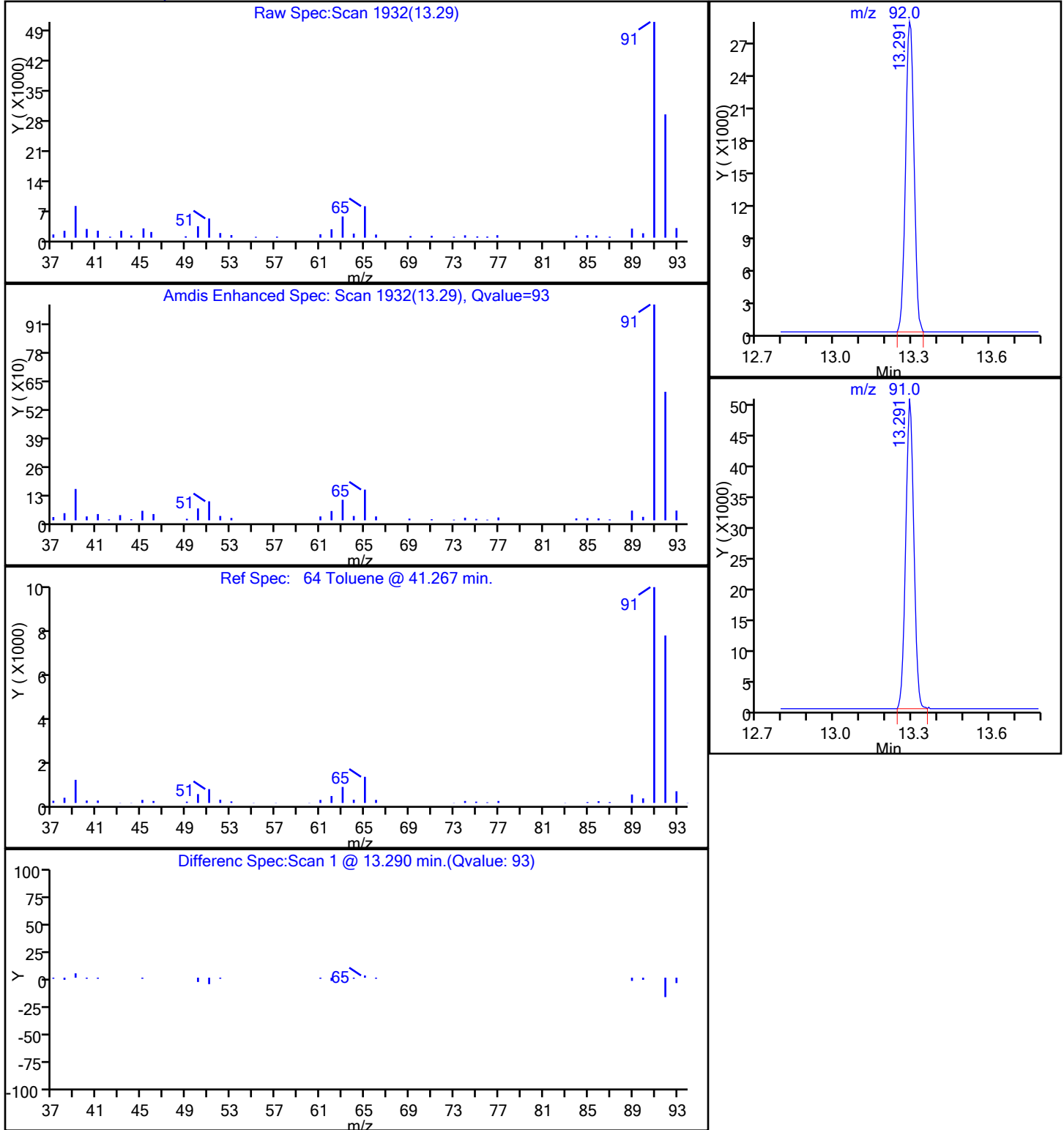
53 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-10.D
Injection Date: 28-Feb-2017 19:14:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-4 Lab Sample ID: 200-37514-4
Client ID: DUP-022217
Operator ID: pad ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

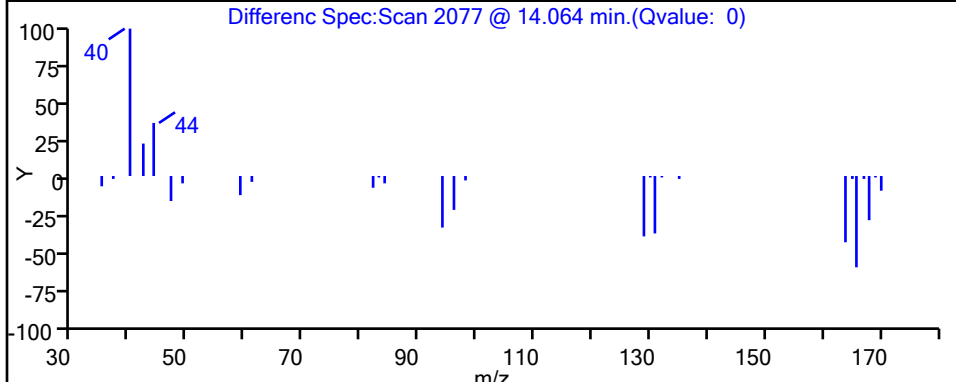
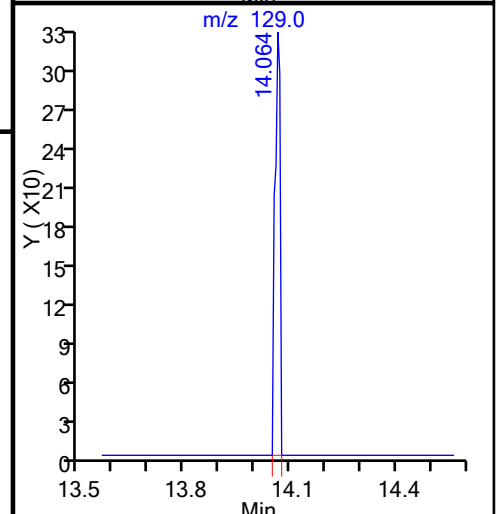
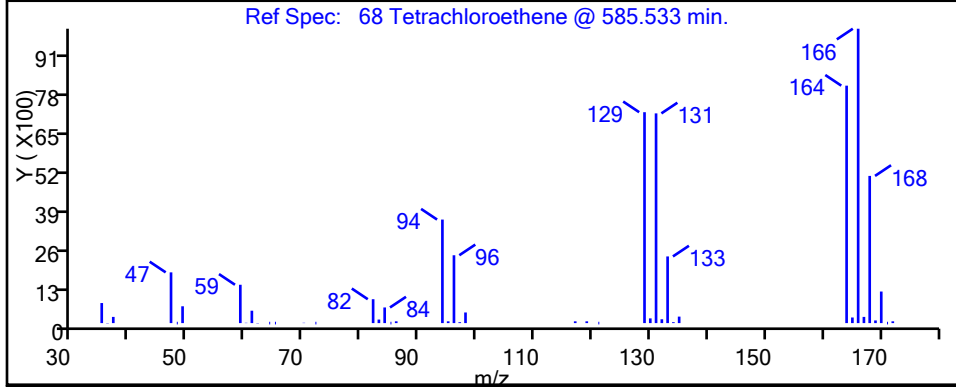
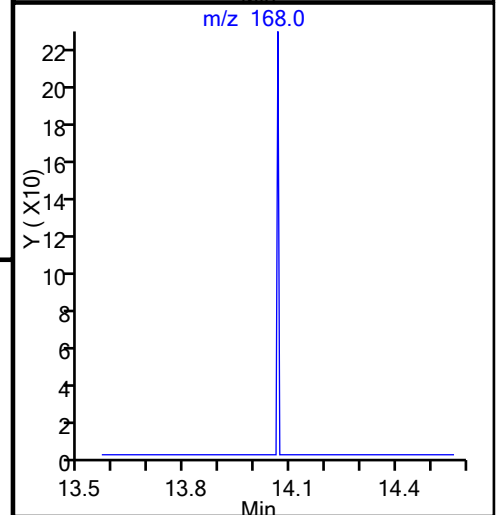
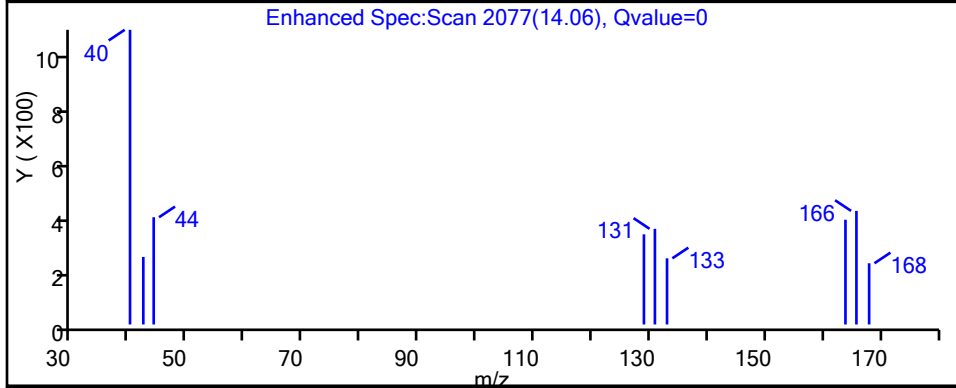
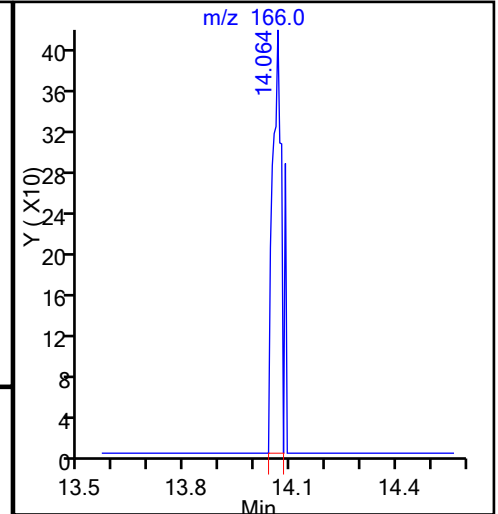
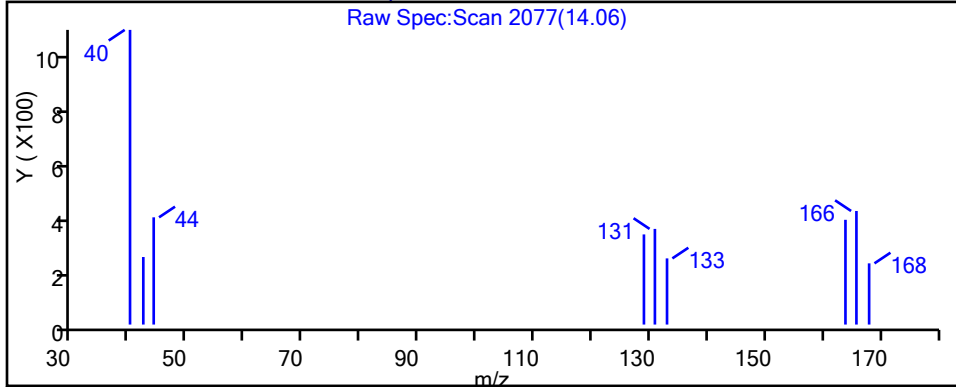
64 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-10.D
Injection Date: 28-Feb-2017 19:14:30 Instrument ID: CHB.i
Lims ID: 200-37514-A-4 Lab Sample ID: 200-37514-4
Client ID: DUP-022217
Operator ID: pad ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4



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

Lab Name: TestAmerica Burlington Job No.: 200-37514-1 Analy Batch No.: 113539

SDG No.: _____

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2017 19:00 Calibration End Date: 01/26/2017 01:10 Calibration ID: 36504

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-113539/3	23655_03.D
Level 2	IC 200-113539/4	23655_04.D
Level 3	IC 200-113539/5	23655_05.D
Level 4	IC 200-113539/6	23655_06.D
Level 5	ICIS 200-113539/7	23655_07.D
Level 6	IC 200-113539/8	23655_08.D
Level 7	IC 200-113539/9	23655_09.D
Level 8	IC 200-113539/10	23655_10.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	++++ 1.4085	++++ 1.2939	++++ 1.2494	1.5976	1.2668	Ave		1.3632			10.6		30.0				
Dichlorodifluoromethane	++++ 3.2337	++++ 3.0030	4.0133 2.9755	3.6434	2.8784	Ave		3.2912			13.6		30.0				
Freon 22	++++ 2.4210	++++ 2.2319	3.0103 2.1781	2.7027	2.1550	Ave		2.4498			14.0		30.0				
1,2-Dichlorotetrafluoroethane	++++ 3.2493	3.2855 3.0574	3.7925 3.0880	3.4641	2.7855	Ave		3.2460			9.9		30.0				
Chloromethane	++++ 1.5825	++++ 1.4792	1.9594 1.4573	1.7298	1.4077	Ave		1.6027			13.0		30.0				
n-Butane	++++ 2.9365	++++ 2.7280	3.5885 2.6666	3.1982	2.6035	Ave		2.9535			12.8		30.0				
Vinyl chloride	1.8792 1.6644	1.7438 1.5704	1.9423 1.5676	1.7646	1.4517	Ave		1.6980			9.8		30.0				
1,3-Butadiene	1.6809 1.3635	1.4156 1.2710	1.5921 1.2706	1.4500	1.1931	Ave		1.4046			11.9		30.0				
Bromomethane	++++ 1.3013	1.2693 1.2432	1.4890 1.2657	1.3101	1.1198	Ave		1.2855			8.5		30.0				
Chloroethane	++++ 0.9556	++++ 0.9047	1.0645 0.9113	0.9835	0.8434	Ave		0.9438			8.1		30.0				
Isopentane	++++ 2.4389	2.8196 2.2630	2.9619 2.2555	2.5890	2.2072	Ave		2.5050			11.9		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.2813	1.2173 1.2297	1.4111 1.2705	1.2849	1.1289	Ave		1.2605			6.8		30.0				
Trichlorofluoromethane	++++ 3.3169	3.3131 3.0898	3.8812 3.1150	3.5344	3.0074	Ave		3.3225			9.1		30.0				
n-Pentane	++++ 3.7451	++++ 3.4835	4.5019 3.4943	3.9708	3.3931	Ave		3.7648			11.1		30.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

Analy Batch No.: 113539

SDG No.: _____

Instrument ID: CHB.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2017 19:00

Calibration End Date: 01/26/2017 01:10

Calibration ID: 36504

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.9483	++++ 0.8700	1.1999 0.8201	1.0181	1.0558	Ave		0.9854			13.9		30.0				
Ethyl ether	++++ 1.2616	1.1779 1.1816	1.3877 1.1895	1.2784	1.1259	Ave		1.2290			7.1		30.0				
Acrolein	++++ 0.7063	++++ 0.5568	++++ 0.6572	0.7015	0.4936	Ave		0.6231			15.1		30.0				
Freon TF	++++ 2.5091	2.5293 2.3837	2.7735 2.4716	2.5235	2.2231	Ave		2.4877			6.7		30.0				
1,1-Dichloroethene	++++ 1.2990	1.3145 1.2343	1.4436 1.2763	1.3012	1.1547	Ave		1.2891			6.8		30.0				
Acetone	++++ 3.2771	++++ 2.8222	++++ 2.7295	5.0837	3.0171	Ave		3.3859			28.7		30.0				
Isopropyl alcohol	++++ 3.4809	++++ 3.2457	++++ 3.1414	3.7193	2.8469	Ave		3.2868			10.1		30.0				
Carbon disulfide	++++ 4.1488	++++ 3.9277	4.6489 4.0182	4.2138	3.7144	Ave		4.1120			7.7		30.0				
3-Chloropropene	++++ 2.9223	3.0355 2.7042	3.3629 2.7480	3.0842	2.5154	Ave		2.9104			9.7		30.0				
Acetonitrile	++++ 1.8047	++++ 1.6601	++++ 1.6640	1.9456	1.6676	Ave		1.7484			7.2		30.0				
Methylene Chloride	++++ 2.2014	++++ 2.0595	3.0987 2.0502	2.3562	2.0219	Ave		2.2980			17.9		30.0				
tert-Butyl alcohol	++++ 3.8741	++++ 3.5268	++++ 3.5435	4.0698	3.2403	Ave		3.6509			8.9		30.0				
Methyl tert-butyl ether	++++ 4.6155	4.5908 4.3057	5.1664 4.3718	4.6921	4.1689	Ave		4.5587			7.2		30.0				
trans-1,2-Dichloroethene	++++ 2.5002	2.4799 2.3415	2.7702 2.3779	2.5455	2.2475	Ave		2.4661			6.9		30.0				
Acrylonitrile	++++ 1.5064	++++ 1.4079	1.7238 1.4370	1.5437	1.3640	Ave		1.4971			8.6		30.0				
n-Hexane	++++ 2.9308	2.9529 2.7535	3.2644 2.7881	2.9564	2.6438	Ave		2.8986			6.9		30.0				
1,1-Dichloroethane	3.8978 3.1934	3.2514 3.0015	3.6439 3.0419	3.2761	2.8989	Ave		3.2756			10.3		30.0				
Vinyl acetate	++++ 5.8890	++++ 5.4853	++++ 5.4854	6.1895	5.4211	Ave		5.6941			5.9		30.0				
Methyl Ethyl Ketone	++++ 0.9050	++++ 0.8526	1.0483 0.8782	0.9035	0.8187	Ave		0.9011			8.8		30.0				
cis-1,2-Dichloroethene	++++ 1.5336	1.4913 1.4650	1.6918 1.5224	1.5120	1.3875	Ave		1.5148			6.1		30.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Burlington Job No.: 200-37514-1 Analy Batch No.: 113539
 SDG No.: _____
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 01/25/2017 19:00 Calibration End Date: 01/26/2017 01:10 Calibration ID: 36504

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1354	++++ 0.1287	++++ 0.1321	0.1310	0.1189	Ave		0.1292			4.8		30.0				
Tetrahydrofuran	++++ 0.5198	++++ 0.5079	++++ 0.4939	0.5398	0.4697	Ave		0.5062			5.2		30.0				
Chloroform	++++ 3.0793	3.1325 2.8882	3.4906 2.9352	3.1812	2.8104	Ave		3.0739			7.4		30.0				
1,1,1-Trichloroethane	++++ 0.5567	0.5314 0.5499	0.6109 0.5465	0.5719	0.5012	Ave		0.5526			6.1		30.0				
Cyclohexane	++++ 0.4167	0.4097 0.4219	0.4437 0.4292	0.4031	0.3679	Ave		0.4132			5.8		30.0				
Carbon tetrachloride	0.5442 0.5407	0.5310 0.5375	0.5944 0.5343	0.5535	0.4810	Ave		0.5396			5.8		30.0				
2,2,4-Trimethylpentane	++++ 1.9024	1.7931 1.9060	2.0377 1.8962	1.8708	1.7057	Ave		1.8732			5.5		30.0				
Benzene	++++ 0.9844	0.9738 0.9910	1.0834 0.9942	0.9544	0.8745	Ave		0.9794			6.3		30.0				
1,2-Dichloroethane	++++ 0.4095	0.4254 0.4011	0.4561 0.3872	0.4397	0.3774	Ave		0.4138			6.8		30.0				
n-Heptane	++++ 0.8356	0.8604 0.8264	0.9545 0.8059	0.8582	0.7604	Ave		0.8431			7.1		30.0				
n-Butanol	++++ 0.2642	++++ 0.2535	++++ 0.2546	0.2648	0.2126	Ave		0.2499			8.6		30.0				
Trichloroethene	0.5275 0.3719	0.3627 0.3754	0.4122 0.3802	0.3601	0.3329	Ave		0.3904			15.3		30.0				
1,2-Dichloropropane	++++ 0.4217	0.4024 0.4242	0.4594 0.4208	0.4132	0.3776	Ave		0.4171			5.9		30.0				
Methyl methacrylate	++++ 0.3913	++++ 0.3826	0.4000 0.3932	0.3764	0.3460	Ave		0.3816			5.1		30.0				
1,4-Dioxane	++++ 0.1797	++++ 0.1697	++++ 0.1738	0.1807	0.1380	Ave		0.1684			10.4		30.0				
Dibromomethane	++++ 0.2766	0.2894 0.3177	0.3155 0.2964	0.2648	0.2487	Ave		0.2870			8.9		30.0				
Bromodichloromethane	++++ 0.6620	0.6319 0.6556	0.7068 0.6597	0.6685	0.5960	Ave		0.6544			5.2		30.0				
cis-1,3-Dichloropropene	++++ 0.5619	0.5259 0.5619	0.5810 0.5660	0.5522	0.5044	Ave		0.5505			4.8		30.0				
Methyl isobutyl ketone	++++ 1.0944	++++ 1.0413	1.1685 1.0435	1.1129	0.9934	Ave		1.0757			5.8		30.0				
n-Octane	++++ 1.2099	++++ 1.2266	1.3129 1.1673	1.2260	1.0960	Ave		1.2048			5.5		30.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Burlington Job No.: 200-37514-1 Analy Batch No.: 113539
 SDG No.: _____
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 01/25/2017 19:00 Calibration End Date: 01/26/2017 01:10 Calibration ID: 36504

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.7710	0.7340 0.7813	0.8431 0.7981	0.7453	0.6914	Ave		0.7663			6.4		30.0				
trans-1,3-Dichloropropene	++++ 0.5623	0.5421 0.5607	0.5896 0.5631	0.5547	0.5011	Ave		0.5534			4.9		30.0				
1,1,2-Trichloroethane	++++ 0.3945	0.3823 0.3941	0.4357 0.4012	0.3800	0.3496	Ave		0.3911			6.6		30.0				
Tetrachloroethene	0.5735 0.4999	0.4545 0.5043	0.5420 0.5324	0.4838	0.4395	Ave		0.5037			8.9		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 1.2384	++++ 1.1395	1.4493 1.1814	1.2549	1.1133	Ave		1.2295			9.8		30.0				
Dibromochloromethane	++++ 0.6658	0.5728 0.6324	0.6714 0.6966	0.6372	0.5691	Ave		0.6350			7.7		30.0				
1,2-Dibromoethane	++++ 0.6209	0.5865 0.6258	0.6406 0.6410	0.5968	0.5530	Ave		0.6092			5.3		30.0				
Chlorobenzene	++++ 0.9459	0.8954 0.9510	0.9978 0.9771	0.9024	0.8396	Ave		0.9299			5.8		30.0				
Ethylbenzene	++++ 1.7526	1.6263 1.7603	1.8465 1.7956	1.6707	1.5563	Ave		1.7155			5.9		30.0				
n-Nonane	++++ 1.1235	1.0790 1.1218	1.2151 1.1307	1.0736	0.9984	Ave		1.1060			6.0		30.0				
m,p-Xylene	++++ 0.6458	0.5775 0.6558	0.6547 0.6842	0.6071	0.5671	Ave		0.6275			7.0		30.0				
Xylene, o-	++++ 0.6260	0.5877 0.6367	0.6385 0.6586	0.5977	0.5538	Ave		0.6141			5.9		30.0				
Styrene	++++ 1.0246	0.8925 1.0350	1.0266 1.0832	0.9552	0.8956	Ave		0.9875			7.5		30.0				
Bromoform	++++ 0.6140	0.4631 0.4894	0.5431 0.6882	0.5742	0.4823	Ave		0.5506			14.8		30.0				
Cumene	++++ 1.8207	1.7361 1.8362	1.9396 1.8762	1.7597	1.6226	Ave		1.7987			5.8		30.0				
1,1,2,2-Tetrachloroethane	++++ 1.0556	0.9982 1.0670	1.0884 1.0829	0.9984	0.9322	Ave		1.0318			5.6		30.0				
n-Propylbenzene	++++ 2.4368	2.2768 2.4580	2.4589 2.4480	2.3002	2.1556	Ave		2.3620			5.0		30.0				
1,2,3-Trichloropropane	++++ 0.8712	++++ 0.8681	0.9278 0.8885	0.8271	0.7677	Ave		0.8584			6.4		30.0				
n-Decane	++++ 1.4364	++++ 1.4092	1.5465 1.3963	1.3916	1.2795	Ave		1.4099			6.1		30.0				
4-Ethyltoluene	++++ 1.8376	++++ 1.7356	1.8685 1.8408	1.7345	1.6233	Ave		1.7827			5.0		30.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Burlington Job No.: 200-37514-1 Analy Batch No.: 113539
 SDG No.: _____
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 01/25/2017 19:00 Calibration End Date: 01/26/2017 01:10 Calibration ID: 36504

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.5865	1.5285 1.6063	1.6483 1.6404	1.5275	1.3996	Ave		1.5624			5.5		30.0				
1,3,5-Trimethylbenzene	++++ 1.5290	1.3957 1.5334	1.5928 1.5610	1.4557	1.3391	Ave		1.4867			6.2		30.0				
Alpha Methyl Styrene	++++ 0.7331	0.6578 0.7317	0.7185 0.7379	0.6893	0.6402	Ave		0.7012			5.6		30.0				
tert-Butylbenzene	++++ 1.3494	1.2942 1.3651	1.4432 1.3684	1.3104	1.2007	Ave		1.3330			5.7		30.0				
1,2,4-Trimethylbenzene	++++ 1.5006	1.4257 1.5068	1.5707 1.4959	1.4494	1.3291	Ave		1.4683			5.2		30.0				
sec-Butylbenzene	++++ 2.2172	2.1079 2.2204	2.3444 2.2090	2.1422	1.9708	Ave		2.1731			5.3		30.0				
4-Isopropyltoluene	++++ 1.7563	1.6655 1.7358	1.8258 1.8108	1.6856	1.5501	Ave		1.7185			5.5		30.0				
1,3-Dichlorobenzene	++++ 0.8774	0.8165 0.8982	0.8846 0.9020	0.8167	0.7667	Ave		0.8517			6.1		30.0				
1,4-Dichlorobenzene	++++ 0.8635	0.7803 0.8848	0.8610 0.8967	0.8039	0.7535	Ave		0.8348			6.6		30.0				
Benzyl chloride	++++ 1.3549	1.2262 1.3569	1.3363 1.3726	1.2811	1.1560	Ave		1.2977			6.2		30.0				
n-Undecane	++++ 1.4102	++++ 1.4031	++++ 1.5460	1.4968	1.3276	Ave		1.4367			6.0		30.0				
n-Butylbenzene	++++ 1.8013	1.6922 1.7445	1.8965 1.8670	1.7760	1.6110	Ave		1.7698			5.6		30.0				
1,2-Dichlorobenzene	++++ 0.8186	0.7644 0.8274	0.8613 0.8458	0.7779	0.7175	Ave		0.8018			6.3		30.0				
n-Dodecane	++++ 1.3108	++++ 1.3205	++++ 1.2331	1.2115	1.0753	Ave		1.2302			8.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.5228	++++ 0.5869	0.4789 0.6352	0.4702	0.4220	Ave		0.5193			15.3		30.0				
Hexachlorobutadiene	++++ 0.5370	0.5713 0.5377	0.6290 0.5793	0.5462	0.4595	Ave		0.5514			9.4		30.0				
Naphthalene	++++ 1.2484	++++ 1.5321	1.2871 1.5388	1.2278	0.9538	Ave		1.2980			16.8		30.0				
1,2,3-Trichlorobenzene	++++ 0.4997	++++ 0.5559	0.4715 0.5611	0.4293	0.3879	Ave		0.4842			14.2		30.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Burlington Job No.: 200-37514-1 Analy Batch No.: 113539

SDG No.: _____

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2017 19:00 Calibration End Date: 01/26/2017 01:10 Calibration ID: 36504

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-113539/3	23655_03.D
Level 2	IC 200-113539/4	23655_04.D
Level 3	IC 200-113539/5	23655_05.D
Level 4	IC 200-113539/6	23655_06.D
Level 5	ICIS 200-113539/7	23655_07.D
Level 6	IC 200-113539/8	23655_08.D
Level 7	IC 200-113539/9	23655_09.D
Level 8	IC 200-113539/10	23655_10.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 482172	++++ 666321	++++ 1308569	139616	264840	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1106997	++++ 1546416	36590 3116393	318400	601774	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 828786	++++ 1149337	27446 2281238	236187	450536	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1112325	12844 1574431	34577 3234266	302723	582350	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 541746	++++ 761732	17864 1526366	151165	294299	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 1005246	++++ 1404784	32717 2792920	279488	544302	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1564 569758	6817 808682	17708 1641896	154211	303494	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	1399 466778	5534 654514	14516 1330823	126713	249433	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 445471	4962 640191	13576 1325658	114486	234100	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 327140	++++ 465892	9705 954475	85949	176321	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 834904	11023 1165340	27004 2362279	226255	461440	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 438634	4759 633258	12865 1330629	112290	236014	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1135473	12952 1591108	35386 3262524	308867	628731	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 1282068	++++ 1793875	41045 3659858	347011	709378	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 433768	++++ 896119	109529 2147292	178058	331246	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

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

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

Analy Batch No.: 113539

SDG No.: _____

Instrument ID: CHB.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2017 19:00

Calibration End Date: 01/26/2017 01:10

Calibration ID: 36504

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 431870	4605 608477	12652 1245836	111722	235387	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 241776	++++ 286746	++++ 688291	61302	103192	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	++++ 858950	9888 1227506	25287 2588673	220532	464766	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 444690	5139 635592	13162 1336701	113716	241412	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 1121831	++++ 1453326	++++ 2858781	444260	630763	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 1191617	++++ 1671405	++++ 3290225	325026	595179	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 1420260	++++ 2022571	42385 4208493	368244	776542	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	++++ 1000392	11867 1392541	30660 2878170	269532	525884	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 617796	++++ 854870	++++ 1742831	170029	348643	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 753587	++++ 1060550	28252 2147319	205904	422699	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 1326211	++++ 1816139	++++ 3711294	355660	677435	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 1580002	17947 2217235	47103 4578825	410043	871571	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 855881	9695 1205747	25257 2490565	222454	469870	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 515677	++++ 725002	15716 1505060	134904	285164	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 1003309	11544 1417950	29762 2920169	258360	552718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	3244 1093193	12711 1545661	33222 3185959	286296	606052	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 2015965	++++ 2824699	++++ 5745224	540900	1133351	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 309800	++++ 439064	9558 919817	78954	171170	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 525008	5830 754423	15425 1594511	132130	290070	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 46341	++++ 66284	++++ 138334	11448	24859	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	++++ 945157	++++ 1309701	++++ 2664398	255252	527628	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

Analy Batch No.: 113539

SDG No.: _____

Instrument ID: CHB.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2017 19:00

Calibration End Date: 01/26/2017 01:10

Calibration ID: 36504

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1054145	12246 1487316	31825 3074208	278004	587556	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 1012170	11094 1418070	30162 2947937	270457	563030	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	++++ 757668	8554 1088134	21905 2315287	190628	413266	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	2449 983122	11086 1386052	29346 2881979	261765	540318	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 3459194	37435 4915445	100611 10228561	884686	1916199	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	++++ 1789839	20330 2555793	53492 5362910	451344	982404	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 744531	8881 1034263	22522 2088761	207914	424003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	++++ 1519401	17964 2131188	47126 4347320	405850	854206	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	++++ 480453	++++ 653750	++++ 1373508	125229	238783	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	2374 676193	7572 968124	20354 2050782	170310	374029	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 766839	8402 1093848	22684 2269825	195408	424180	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	++++ 711576	++++ 986570	19750 2120843	177979	388710	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	++++ 326715	++++ 437578	++++ 937604	85442	155073	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	++++ 502852	6041 819250	15580 1598636	125239	279343	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	++++ 1203719	13192 1690782	34896 3558599	316151	669490	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	++++ 1021603	10980 1449194	28687 3053224	261141	566645	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl isobutyl ketone	DFBZ	Ave	++++ 1989970	++++ 2685472	57696 5628512	526302	1115963	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	++++ 2199918	25609 3082146	64822 6296705	579750	1231245	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZ d5	Ave	++++ 1202418	12901 1743225	34939 3715610	301608	666571	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	++++ 1022373	11317 1446081	29109 3037267	262293	562977	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 615289	6720 879403	18058 1867583	153759	337023	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

Analy Batch No.: 113539

SDG No.: _____

Instrument ID: CHB.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2017 19:00

Calibration End Date: 01/26/2017 01:10

Calibration ID: 36504

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	2153 779576	7989 1125217	22461 2478800	195786	423667	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	++++ 1931359	++++ 2542579	60062 5499804	507821	1073260	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZ d5	Ave	++++ 1038273	10067 1411068	27825 3242941	257855	548601	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZ d5	Ave	++++ 968251	10309 1396424	26548 2984211	241519	533134	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZ d5	Ave	++++ 1475200	15738 2121831	41352 4548863	365182	809346	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZ d5	Ave	++++ 2733195	28584 3927592	76525 8359235	676068	1500292	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBNZ d5	Ave	++++ 1752112	18964 2502979	50355 5263935	434460	962465	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZ d5	Ave	++++ 2014180	20300 2926559	54265 6370188	491342	1093470	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBNZ d5	Ave	++++ 976197	10329 1420737	26459 3065944	241858	533870	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZ d5	Ave	++++ 1597846	15686 2309400	42546 5043046	386509	863383	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZ d5	Ave	++++ 957570	8140 1091877	22509 3204039	232336	464974	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZ d5	Ave	++++ 2839416	30513 4097098	80382 8734559	712056	1564208	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	++++ 1646212	17545 2380687	45105 5041668	404018	898616	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZ d5	Ave	++++ 3800312	40017 5484534	101902 11396444	930775	2078015	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBNZ d5	Ave	++++ 1358645	++++ 1936938	38451 4136291	334697	740064	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBNZ d5	Ave	++++ 2240096	++++ 3144229	64092 6500579	563115	1233466	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZ d5	Ave	++++ 2865869	30505 4103085	77434 8569652	701862	1564925	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZ d5	Ave	++++ 2474164	26865 3584080	68311 7637065	618101	1349198	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZ d5	Ave	++++ 2384545	24530 3421391	66011 7267076	589053	1290897	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZ d5	Ave	++++ 1143320	11561 1632705	29775 3435496	278934	617148	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZ d5	Ave	++++ 2104490	22747 3045884	59808 6370606	530260	1157460	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington

Job No.: 200-37514-1

Analy Batch No.: 113539

SDG No.: _____

Instrument ID: CHB.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2017 19:00

Calibration End Date: 01/26/2017 01:10

Calibration ID: 36504

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBNZ d5	Ave	++++ 2340214	25059 3361980	65095 6964262	586526	1281275	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZ d5	Ave	++++ 3457745	37049 4954367	97157 10284224	866837	1899850	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZ d5	Ave	++++ 2738960	29273 3873010	75664 8430066	682076	1494338	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZ d5	Ave	++++ 1368273	14351 2004185	36658 4199419	330485	739116	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZ d5	Ave	++++ 1346684	13715 1974118	35682 4174486	325290	726437	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZ d5	Ave	++++ 2112982	21552 3027696	55380 6390156	518414	1114455	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZ d5	Ave	++++ 2199329	++++ 3130726	++++ 7197327	605702	1279794	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBNZ d5	Ave	++++ 2809163	29742 3892443	78597 8692003	718688	1553087	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZ d5	Ave	++++ 1276640	13435 1846080	35693 3937496	314766	691711	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBNZ d5	Ave	++++ 2044207	++++ 2946425	++++ 5740710	490242	1036589	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZ d5	Ave	++++ 815306	++++ 1309627	19848 2957081	190272	406805	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZ d5	Ave	++++ 837535	10041 1199698	26066 2697143	221012	442922	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZ d5	Ave	++++ 1946937	++++ 3418557	53340 7163682	496839	919491	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZ d5	Ave	++++ 779230	++++ 1240271	19541 2612018	173716	373991	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_03.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 25-Jan-2017 19:00:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-003
 Misc. Info.: ic-01
 Operator ID: pad Instrument ID: CHB.i
 Sublist: chrom-TO15_LLNJ_TO3*sub5
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:34 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 09:01:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.150	3.140	0.010	94	2857	0.0401	0.1009	
2 Dichlorodifluoromethane	85	3.209	3.199	0.010	97	3500	0.0401	0.0512	
3 Chlorodifluoromethane	51	3.246	3.236	0.010	96	2625	0.0401	0.0516	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.417	3.417	0.000	93	3250	0.0401	0.0482	
5 Chloromethane	50	3.556	3.545	0.011	96	2133	0.0401	0.0641	
6 Butane	43	3.721	3.722	-0.001	95	3516	0.0401	0.0573	
7 Vinyl chloride	62	3.764	3.759	0.005	93	1564	0.0401	0.0444	
8 Butadiene	54	3.839	3.823	0.016	86	1399	0.0401	0.0480	
10 Bromomethane	94	4.511	4.495	0.016	1	1234	0.0401	0.0462	
9 BFB									
11 Chloroethane	64	4.746	4.730	0.016	1	831	0.0401	0.0424	
12 2-Methylbutane	43	4.826	4.810	0.016	94	3074	0.0401	0.0591	
13 Vinyl bromide	106	5.141	5.141	0.000	1	1165	0.0401	0.0445	
14 Trichlorofluoromethane	101	5.258	5.243	0.015	93	1666	0.0401	0.0242	
15 Pentane	43	5.381	5.376	0.005	92	4595	0.0401	0.0588	
16 Ethanol	45	5.739	5.707	0.032	97	4027	0.0802	0.1969	
17 Ethyl ether	59	5.899	5.856	0.043	91	1087	0.0401	0.0426	
18 Acrolein	56	6.246	6.230	0.016	42	822	0.0401	0.0635	
19 1,1,2-Trichloro-1,2,2-trif	101	6.289	6.273	0.015	81	2136	0.0401	0.0414	
20 1,1-Dichloroethene	96	6.342	6.347	-0.005	89	1018	0.0401	0.0380	
21 Acetone	43	6.523	6.502	0.021	98	55475	0.0401	0.7892	
22 Isopropyl alcohol	45	6.747	6.721	0.026	96	6745	0.0401	0.0988	
23 Carbon disulfide	76	6.780	6.774	0.006	97	4129	0.0401	0.0484	
24 3-Chloro-1-propene	41	7.052	7.046	0.006	85	3260	0.0401	0.0540	
26 Acetonitrile	41	7.121	7.116	0.005	97	3298	0.0401	0.0909	
27 Methylene Chloride	49	7.308	7.308	0.000	98	7963	0.0401	0.1669	
28 2-Methyl-2-propanol	59	7.468	7.425	0.043	93	4663	0.0401	0.0615	
29 Methyl tert-butyl ether	73	7.708	7.655	0.053	93	4520	0.0401	0.0478	
30 trans-1,2-Dichloroethene	61	7.719	7.719	0.000	80	2463	0.0401	0.0481	
31 Acrylonitrile	53	7.799	7.794	0.005	86	1652	0.0401	0.0531	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.044	8.044	0.000	93	2902	0.0401	0.0482	
33 1,1-Dichloroethane	63	8.461	8.461	0.000	93	3244	0.0401	0.0477	
34 Vinyl acetate	43	8.471	8.466	0.005	99	6258	0.0401	0.0529	
36 2-Butanone (MEK)	72	9.373	9.357	0.016	94	899	0.0401	0.0481	
37 cis-1,2-Dichloroethene	96	9.363	9.368	-0.005	13	966	0.0401	0.0307	
35 Ethyl acetate	88		9.368				ND	ND	
* 39 Chlorobromomethane	128	9.731	9.736	-0.005	92	207611	10.0	10.0	
38 Tetrahydrofuran	42	9.779	9.747	0.032	92	3516	0.0401	0.0619	
40 Chloroform	83	9.800	9.811	-0.011	86	2867	0.0401	0.0449	
S 41 1,2-Dichloroethene, Total	61				0		0.0802	0.0788	
42 1,1,1-Trichloroethane	97	10.062	10.067	-0.005	91	2701	0.0401	0.0435	
43 Cyclohexane	84	10.083	10.078	0.005	88	1341	0.0401	0.0289	
44 Carbon tetrachloride	117	10.270	10.270	0.000	95	2449	0.0401	0.0404	
45 Isooctane	57	10.542	10.553	-0.011	96	9714	0.0401	0.0462	
46 Benzene	78	10.595	10.601	-0.006	95	5520	0.0401	0.0502	
47 1,2-Dichloroethane	62		10.702				ND	ND	
48 n-Heptane	43	10.804	10.804	0.000	97	4731	0.0401	0.0500	
A 49 GRO	1	10.886	(4.800-16.972)		0	4104340	0.0401	0	
* 50 1,4-Difluorobenzene	114	11.140	11.140	0.000	97	1122582	10.0	10.0	
51 n-Butanol	56	11.343	11.321	0.022	93	4181	0.0401	0.1490	
53 Trichloroethene	95	11.508	11.508	0.000	89	2374	0.0401	0.0542	M
54 1,2-Dichloropropane	63	11.876	11.882	-0.006	86	2231	0.0401	0.0477	
55 Methyl methacrylate	69	11.919	11.919	0.000	83	2025	0.0401	0.0473	
56 1,4-Dioxane	88	12.031	12.004	0.027	86	1622	0.0401	0.0858	
57 Dibromomethane	174	12.074	12.068	0.006	89	829	0.0401	0.0257	
58 Dichlorobromomethane	83	12.239	12.239	0.000	87	2094	0.0401	0.0285	
A 59 TVOC as Toluene	1	12.519	(3.130-21.909)		0	4779414	0.0401	0	
60 cis-1,3-Dichloropropene	75	12.869	12.869	0.000	92	2875	0.0401	0.0465	
61 4-Methyl-2-pentanone (MIBK)	43	13.029	13.013	0.016	96	7078	0.0401	0.0586	
63 n-Octane	43	13.280	13.280	0.000	96	6740	0.0401	0.0498	
64 Toluene	92	13.296	13.296	0.000	92	3743	0.0401	0.0522	
66 trans-1,3-Dichloropropene	75	13.653	13.659	-0.006	94	2727	0.0401	0.0439	
67 1,1,2-Trichloroethane	83		13.931				ND	ND	
68 Tetrachloroethene	166	14.070	14.070	0.000	92	2153	0.0401	0.0456	
69 2-Hexanone	43	14.208	14.187	0.021	90	9011	0.0401	0.0783	
70 Chlorodibromomethane	129	14.481	14.486	-0.005	95	2764	0.0401	0.0465	
71 Ethylene Dibromide	107	14.683	14.689	-0.006	95	2935	0.0401	0.0514	
* 72 Chlorobenzene-d5	117	15.244	15.249	-0.005	91	936397	10.0	10.0	
73 Chlorobenzene	112	15.281	15.287	-0.006	96	4670	0.0401	0.0536	
74 Ethylbenzene	91	15.351	15.351	0.000	98	7994	0.0401	0.0498	
75 n-Nonane	57	15.361	15.367	-0.006	94	5591	0.0401	0.0540	
76 m-Xylene & p-Xylene	106	15.500	15.500	0.000	0	5761	0.0802	0.0981	
S 77 Xylenes, Total	106				0		0.1203	0.1442	
78 o-Xylene	106	16.007	16.007	0.000	94	2654	0.0401	0.0462	
79 Styrene	104	16.034	16.034	0.000	95	5219	0.0401	0.0564	
80 Bromoform	173	16.333	16.327	0.006	90	2659	0.0401	0.0516	
81 Isopropylbenzene	105	16.418	16.418	0.000	96	8714	0.0401	0.0517	
83 1,1,2,2-Tetrachloroethane	83	16.824	16.829	-0.005	96	6053	0.0401	0.0626	
84 N-Propylbenzene	91	16.898	16.898	0.000	97	11280	0.0401	0.0510	
85 1,2,3-Trichloropropane	75	16.909	16.914	-0.005	96	5983	0.0401	0.0744	
86 n-Decane	57	16.962	16.962	0.000	84	6770	0.0401	0.0513	
87 4-Ethyltoluene	105	17.021	17.021	0.000	96	9005	0.0401	0.0539	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.064	17.064	0.000	96	8103	0.0401	0.0554	
89 1,3,5-Trimethylbenzene	105	17.085	17.091	-0.006	93	7042	0.0401	0.0506	
90 Alpha Methyl Styrene	118	17.363	17.363	0.000	85	3708	0.0401	0.0565	
91 tert-Butylbenzene	119	17.459	17.464	-0.005	89	6639	0.0401	0.0532	
92 1,2,4-Trimethylbenzene	105	17.533	17.539	-0.006	97	7752	0.0401	0.0564	
93 sec-Butylbenzene	105	17.715	17.726	-0.011	96	10600	0.0401	0.0521	
94 4-Isopropyltoluene	119	17.870	17.875	-0.005	95	8437	0.0401	0.0524	
95 1,3-Dichlorobenzene	146	17.955	17.955	0.000	95	5487	0.0401	0.0688	
96 1,4-Dichlorobenzene	146	18.067	18.067	0.000	89	5640	0.0401	0.0721	
97 Benzyl chloride	91	18.217	18.222	-0.006	97	7226	0.0401	0.0595	
98 Undecane	57	18.345	18.345	0.000	93	7214	0.0401	0.0536	
99 n-Butylbenzene	91	18.382	18.387	-0.005	97	9928	0.0401	0.0599	
100 1,2-Dichlorobenzene	146	18.553	18.558	-0.005	90	6058	0.0401	0.0807	
102 Dodecane	57	19.807	19.807	0.000	88	5418	0.0401	0.0470	
103 1,2,4-Trichlorobenzene	180	20.928	20.933	-0.005	91	5305	0.0401	0.1091	
104 Hexachlorobutadiene	225	21.093	21.099	-0.006	89	3820	0.0401	0.0740	
105 Naphthalene	128	21.419	21.419	0.000	97	23354	0.0401	0.1921	
106 1,2,3-Trichlorobenzene	180	21.894	21.899	-0.005	91	6566	0.0401	0.1448	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00170

Amount Added: 40.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_03.D

Injection Date: 25-Jan-2017 19:00:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: ic

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

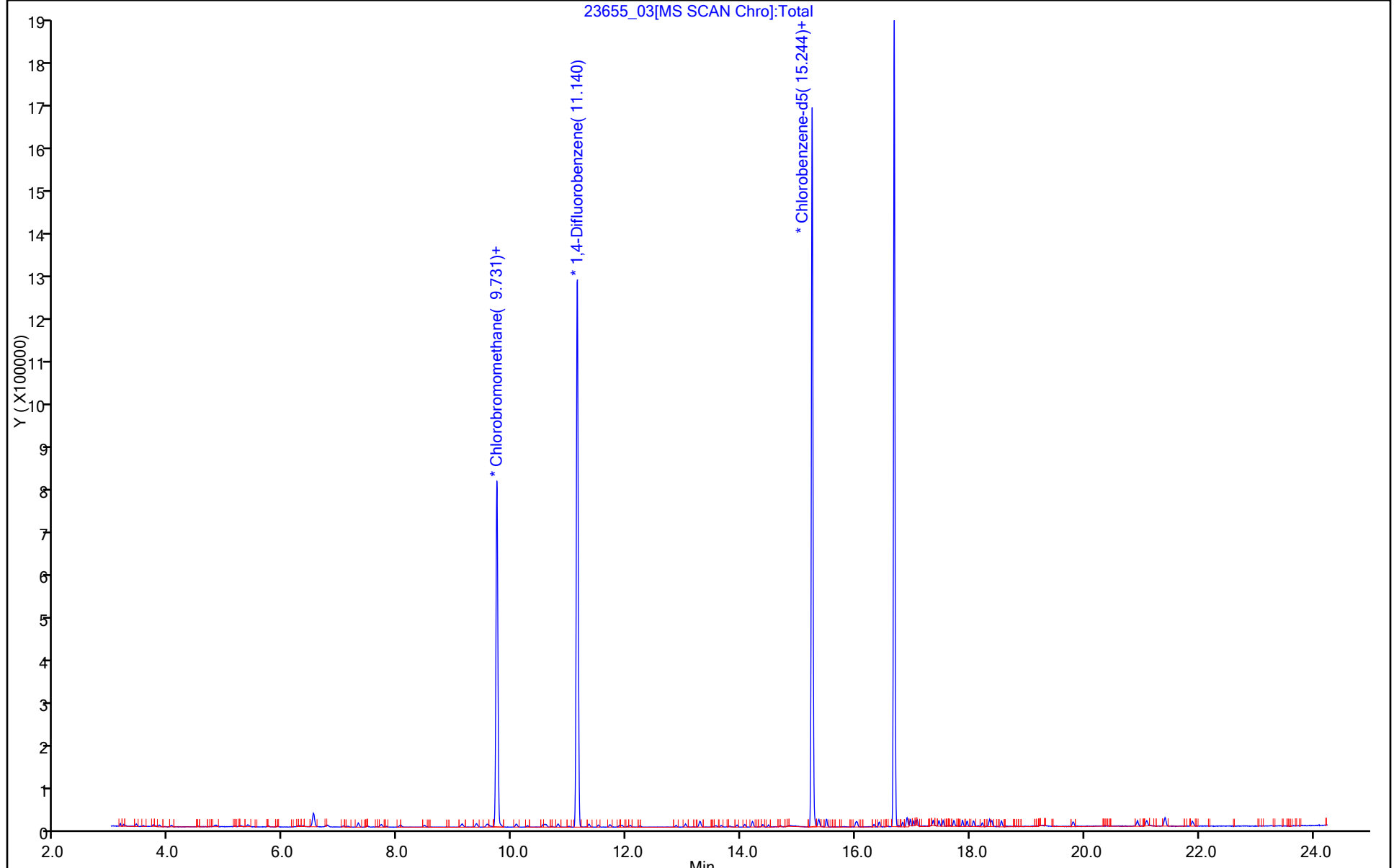
ALS Bottle#: 2

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

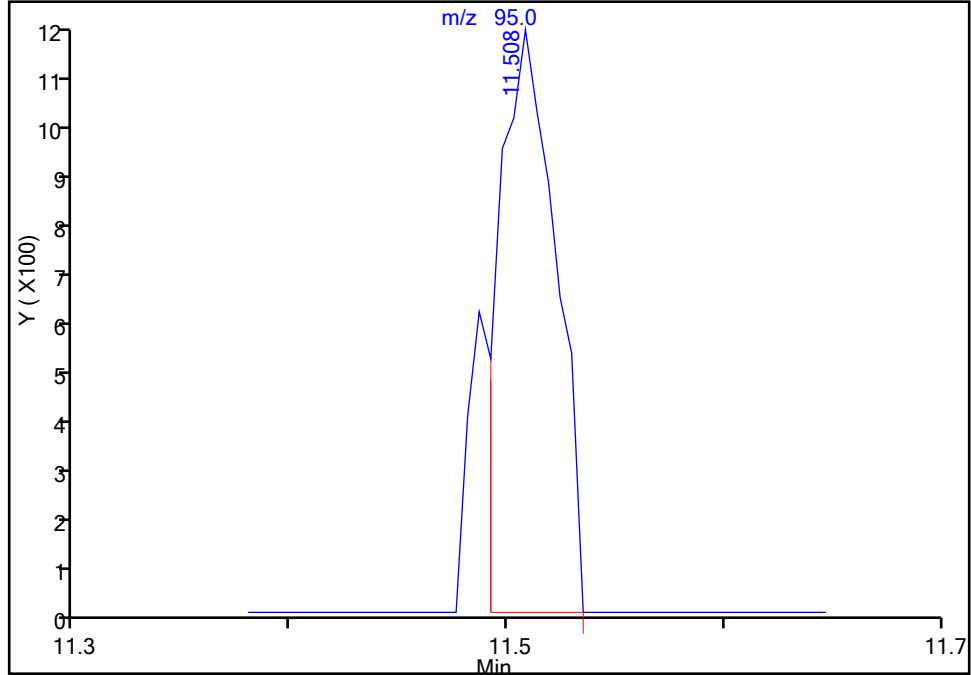
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Injection Date: 25-Jan-2017 19:00:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 Trichloroethene, CAS: 79-01-6

Signal: 1

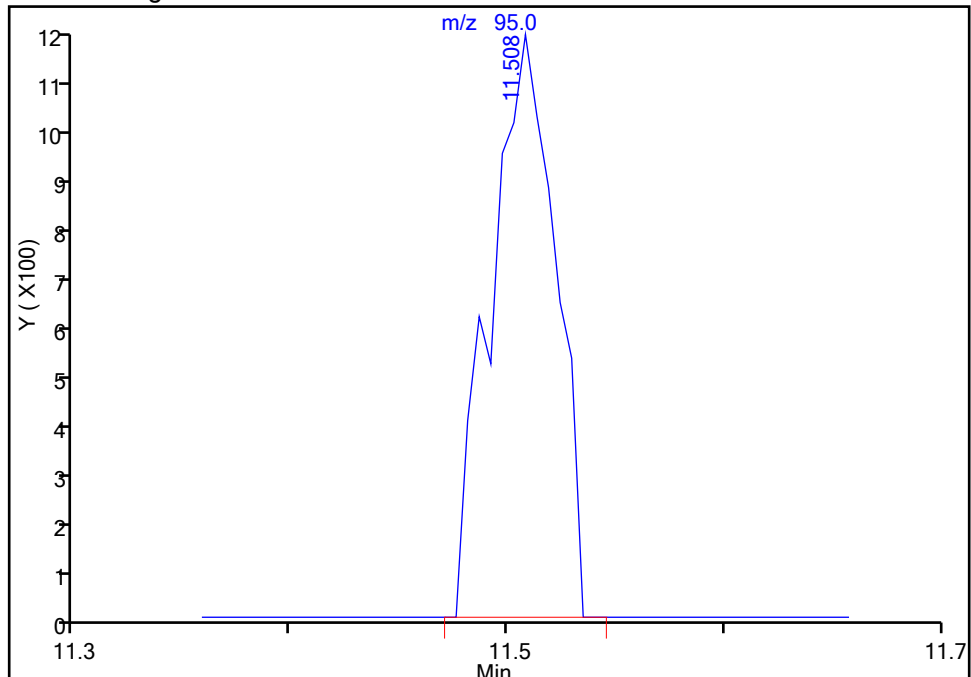
RT: 11.51
Area: 2063
Amount: 0.048141
Amount Units: ppb v/v

Processing Integration Results



RT: 11.51
Area: 2374
Amount: 0.054172
Amount Units: ppb v/v

Manual Integration Results



Reviewer: daiglep, 26-Jan-2017 09:01:23
Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_04.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 25-Jan-2017 19:53:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-004
 Misc. Info.: ic-02
 Operator ID: pad Instrument ID: CHB.i
 Sublist: chrom-TO15_LLNJ_TO3*sub5
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:36 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 09:03:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.145	3.140	0.005	97	7669	0.2004	0.2884	
2 Dichlorodifluoromethane	85	3.204	3.199	0.005	99	13492	0.2004	0.2102	
3 Chlorodifluoromethane	51	3.236	3.236	0.000	96	10398	0.2004	0.2176	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.423	3.417	0.006	93	12844	0.2004	0.2029	
5 Chloromethane	50	3.551	3.545	0.006	98	7650	0.2004	0.2447	
6 Butane	43	3.727	3.722	0.005	100	13119	0.2004	0.2277	
7 Vinyl chloride	62	3.764	3.759	0.005	97	6817	0.2004	0.2058	
8 Butadiene	54	3.828	3.823	0.005	95	5534	0.2004	0.2020	
9 BFB									
10 Bromomethane	94	4.506	4.495	0.011	95	4962	0.2004	0.1979	
11 Chloroethane	64	4.730	4.730	0.000	94	3695	0.2004	0.2007	
12 2-Methylbutane	43	4.810	4.810	0.000	95	11023	0.2004	0.2256	
13 Vinyl bromide	106	5.141	5.141	0.000	94	4759	0.2004	0.1936	
14 Trichlorofluoromethane	101	5.237	5.243	-0.006	97	12952	0.2004	0.1999	
15 Pentane	43	5.381	5.376	0.005	97	16619	0.2004	0.2263	
16 Ethanol	45	5.718	5.707	0.011	100	8484	0.4009	0.4415	
17 Ethyl ether	59	5.872	5.856	0.016	89	4605	0.2004	0.1921	
18 Acrolein	56	6.230	6.230	0.000	88	2902	0.2004	0.2388	
19 1,1,2-Trichloro-1,2,2-trif	101	6.278	6.273	0.005	91	9888	0.2004	0.2038	
20 1,1-Dichloroethene	96	6.342	6.347	-0.005	91	5139	0.2004	0.2044	
21 Acetone	43	6.513	6.502	0.011	98	218685	0.2004	3.31	
22 Isopropyl alcohol	45	6.732	6.721	0.011	97	19536	0.2004	0.3047	
23 Carbon disulfide	76	6.774	6.774	0.000	99	16480	0.2004	0.2055	
24 3-Chloro-1-propene	41	7.052	7.046	0.006	91	11867	0.2004	0.2091	
26 Acetonitrile	41	7.116	7.116	0.000	100	8517	0.2004	0.2498	
27 Methylene Chloride	49	7.308	7.308	0.000	96	14315	0.2004	0.3194	
28 2-Methyl-2-propanol	59	7.458	7.425	0.033	95	14916	0.2004	0.2095	
29 Methyl tert-butyl ether	73	7.682	7.655	0.027	97	17947	0.2004	0.2018	M
30 trans-1,2-Dichloroethene	61	7.714	7.719	-0.005	95	9695	0.2004	0.2016	
31 Acrylonitrile	53	7.788	7.794	-0.006	93	6144	0.2004	0.2104	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.045	8.044	0.001	94	11544	0.2004	0.2042	
33 1,1-Dichloroethane	63	8.461	8.461	0.000	69	12711	0.2004	0.1990	
34 Vinyl acetate	43	8.466	8.466	0.000	100	22293	0.2004	0.2007	
36 2-Butanone (MEK)	72	9.368	9.357	0.011	95	3686	0.2004	0.2097	
35 Ethyl acetate	88		9.368				ND	ND	
37 cis-1,2-Dichloroethene	96	9.357	9.368	-0.011	52	5830	0.2004	0.1973	
* 39 Chlorobromomethane	128	9.731	9.736	-0.005	92	195039	10.0	10.0	
38 Tetrahydrofuran	42	9.768	9.747	0.021	95	11566	0.2004	0.2194	
40 Chloroform	83	9.800	9.811	-0.011	96	12246	0.2004	0.2043	
S 41 1,2-Dichloroethene, Total	61				0		0.4009	0.3989	
42 1,1,1-Trichloroethane	97	10.067	10.067	0.000	87	11094	0.2004	0.1927	M
43 Cyclohexane	84	10.078	10.078	0.000	92	8554	0.2004	0.1988	M
44 Carbon tetrachloride	117	10.270	10.270	0.000	97	11086	0.2004	0.1973	
45 Isooctane	57	10.553	10.553	0.000	96	37435	0.2004	0.1919	
46 Benzene	78	10.590	10.601	-0.011	98	20330	0.2004	0.1993	
47 1,2-Dichloroethane	62	10.697	10.702	-0.005	94	8881	0.2004	0.2061	
48 n-Heptane	43	10.798	10.804	-0.006	97	17964	0.2004	0.2046	
A 49 GRO	1	10.886	(4.800-16.972)		0	6043953	0.2004	0	
* 50 1,4-Difluorobenzene	114	11.135	11.140	-0.005	98	1041583	10.0	10.0	
51 n-Butanol	56	11.343	11.321	0.022	94	8181	0.2004	0.3142	
53 Trichloroethene	95	11.503	11.508	-0.005	91	7572	0.2004	0.1862	
54 1,2-Dichloropropane	63	11.876	11.882	-0.006	88	8402	0.2004	0.1934	
55 Methyl methacrylate	69	11.925	11.919	0.006	88	7193	0.2004	0.1810	
56 1,4-Dioxane	88	12.026	12.004	0.022	91	3676	0.2004	0.2096	
57 Dibromomethane	174	12.063	12.068	-0.005	91	6041	0.2004	0.2021	
58 Dichlorobromomethane	83	12.239	12.239	0.000	97	13192	0.2004	0.1936	
A 59 TVOC as Toluene	1	12.519	(3.130-21.909)		0	7704653	0.2004	0	
60 cis-1,3-Dichloropropene	75	12.864	12.869	-0.005	97	10980	0.2004	0.1915	M
61 4-Methyl-2-pentanone (MIBK)	43	13.024	13.013	0.011	98	21088	0.2004	0.1882	
63 n-Octane	43	13.275	13.280	-0.005	98	25609	0.2004	0.2041	
64 Toluene	92	13.291	13.296	-0.005	92	12901	0.2004	0.1920	
66 trans-1,3-Dichloropropene	75	13.659	13.659	0.000	97	11317	0.2004	0.1964	
67 1,1,2-Trichloroethane	83	13.926	13.931	-0.005	94	6720	0.2004	0.1960	
68 Tetrachloroethene	166	14.070	14.070	0.000	89	7989	0.2004	0.1809	
69 2-Hexanone	43	14.198	14.187	0.011	89	21333	0.2004	0.1979	
70 Chlorodibromomethane	129	14.481	14.486	-0.005	96	10067	0.2004	0.1808	
71 Ethylene Dibromide	107	14.684	14.689	-0.005	98	10309	0.2004	0.1930	
* 72 Chlorobenzene-d5	117	15.244	15.249	-0.005	91	876873	10.0	10.0	
73 Chlorobenzene	112	15.281	15.287	-0.006	95	15738	0.2004	0.1930	
74 Ethylbenzene	91	15.351	15.351	0.000	99	28584	0.2004	0.1900	
75 n-Nonane	57	15.367	15.367	0.000	95	18964	0.2004	0.1955	
76 m-Xylene & p-Xylene	106	15.495	15.500	-0.005	0	20300	0.4009	0.3690	
S 77 Xylenes, Total	106				0		0.6013	0.5608	
78 o-Xylene	106	16.007	16.007	0.000	97	10329	0.2004	0.1918	
79 Styrene	104	16.029	16.034	-0.005	97	15686	0.2004	0.1811	
80 Bromoform	173	16.322	16.327	-0.005	92	8140	0.2004	0.1686	
81 Isopropylbenzene	105	16.413	16.418	-0.005	97	30513	0.2004	0.1935	
83 1,1,2,2-Tetrachloroethane	83	16.824	16.829	-0.005	97	17545	0.2004	0.1939	
84 N-Propylbenzene	91	16.899	16.898	0.001	97	40017	0.2004	0.1932	
85 1,2,3-Trichloropropane	75	16.909	16.914	-0.005	96	14526	0.2004	0.1930	
86 n-Decane	57	16.963	16.962	0.001	82	23942	0.2004	0.1937	
87 4-Ethyltoluene	105	17.021	17.021	0.000	98	30505	0.2004	0.1951	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.064	17.064	0.000	96	26865	0.2004	0.1961	
89 1,3,5-Trimethylbenzene	105	17.085	17.091	-0.006	92	24530	0.2004	0.1882	
90 Alpha Methyl Styrene	118	17.357	17.363	-0.006	86	11561	0.2004	0.1880	
91 tert-Butylbenzene	119	17.464	17.464	0.000	90	22747	0.2004	0.1946	
92 1,2,4-Trimethylbenzene	105	17.534	17.539	-0.005	99	25059	0.2004	0.1946	
93 sec-Butylbenzene	105	17.720	17.726	-0.006	98	37049	0.2004	0.1944	
94 4-Isopropyltoluene	119	17.870	17.875	-0.005	96	29273	0.2004	0.1943	
95 1,3-Dichlorobenzene	146	17.955	17.955	0.000	96	14351	0.2004	0.1922	
96 1,4-Dichlorobenzene	146	18.067	18.067	0.000	88	13715	0.2004	0.1874	
97 Benzyl chloride	91	18.217	18.222	-0.005	97	21552	0.2004	0.1894	
98 Undecane	57	18.345	18.345	0.000	94	26180	0.2004	0.2078	
99 n-Butylbenzene	91	18.382	18.387	-0.005	98	29742	0.2004	0.1916	
100 1,2-Dichlorobenzene	146	18.553	18.558	-0.005	90	13435	0.2004	0.1911	
102 Dodecane	57	19.807	19.807	0.000	92	17005	0.2004	0.1576	
103 1,2,4-Trichlorobenzene	180	20.928	20.933	-0.005	93	7549	0.2004	0.1658	
104 Hexachlorobutadiene	225	21.099	21.099	0.000	93	10041	0.2004	0.2077	
105 Naphthalene	128	21.414	21.419	-0.005	97	21590	0.2004	0.1897	
106 1,2,3-Trichlorobenzene	180	21.889	21.899	-0.010	92	8046	0.2004	0.1895	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00170

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_04.D

Injection Date: 25-Jan-2017 19:53:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: ic

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

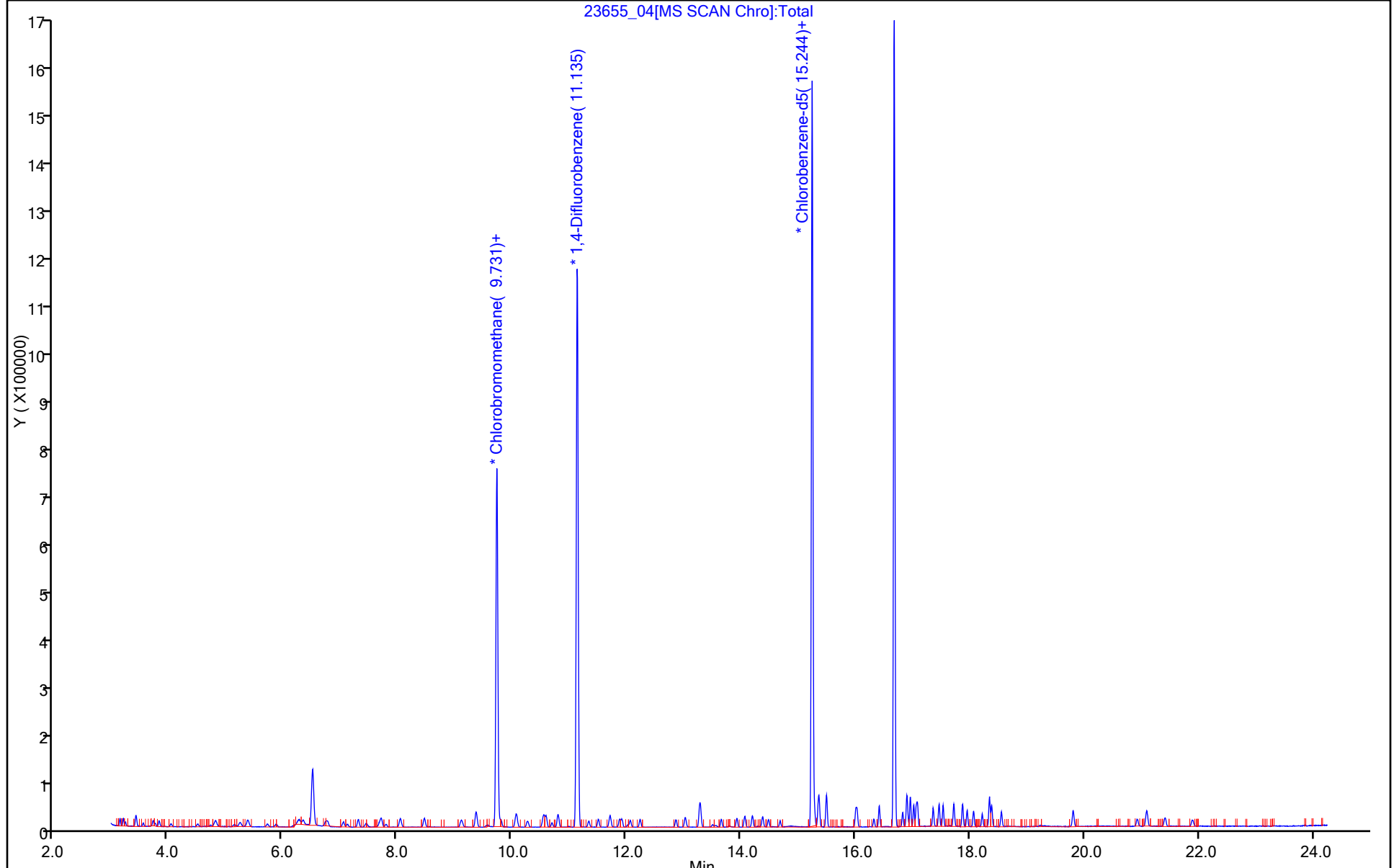
ALS Bottle#: 3

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

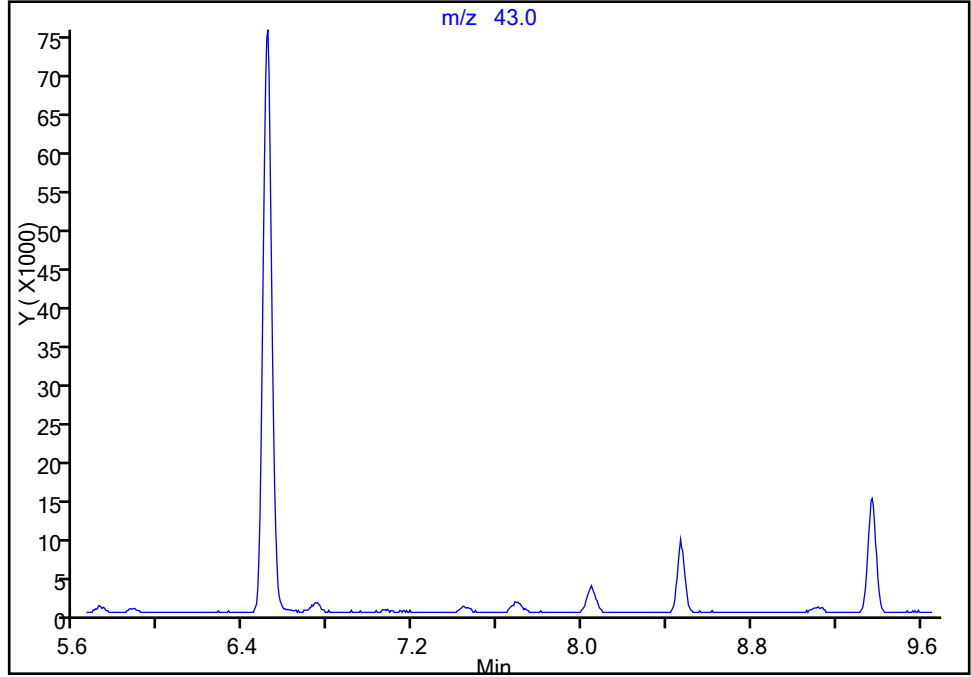
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Injection Date: 25-Jan-2017 19:53:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 2

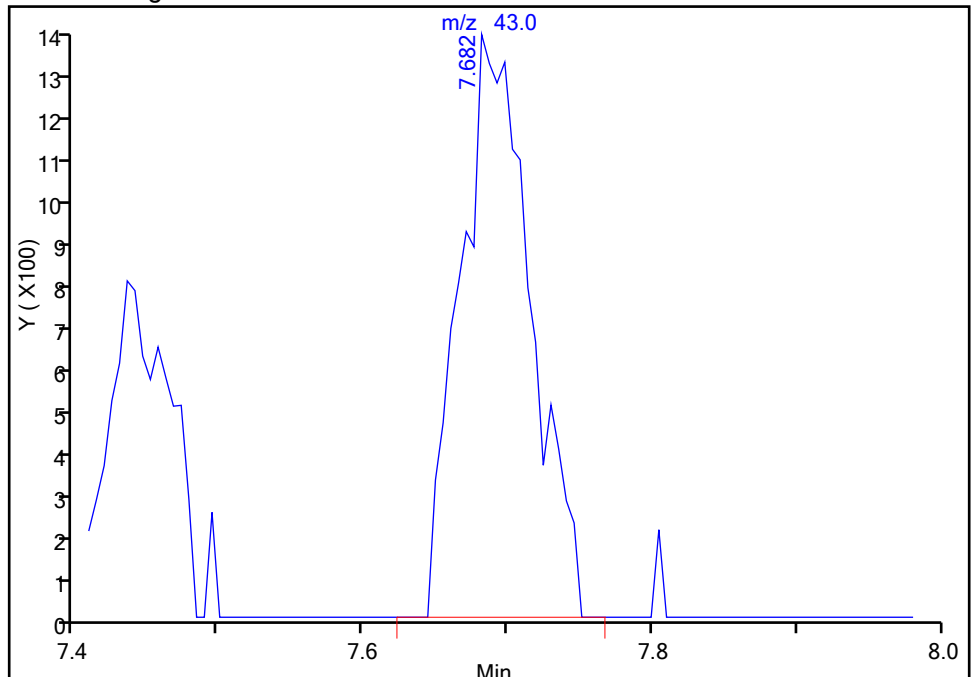
RT: 7.65
Area: 0
Amount: 0.201849
Amount Units: ppb v/v

Processing Integration Results



RT: 7.68
Area: 4682
Amount: 0.201849
Amount Units: ppb v/v

Manual Integration Results



Reviewer: daiglep, 26-Jan-2017 09:03:09
Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Burlington

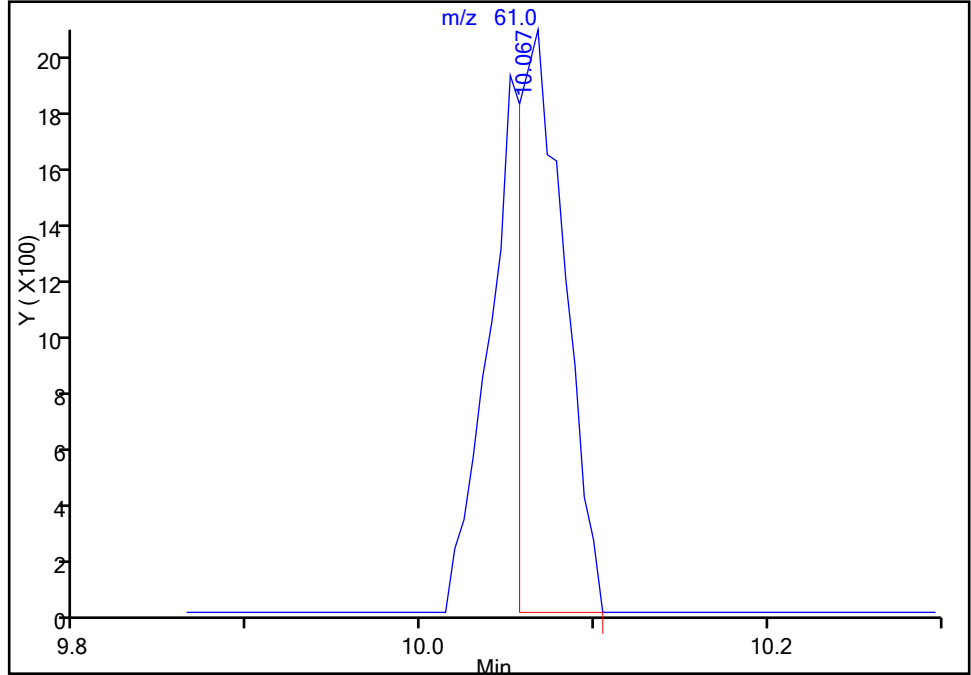
Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_04.D
Injection Date: 25-Jan-2017 19:53:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

42 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 3

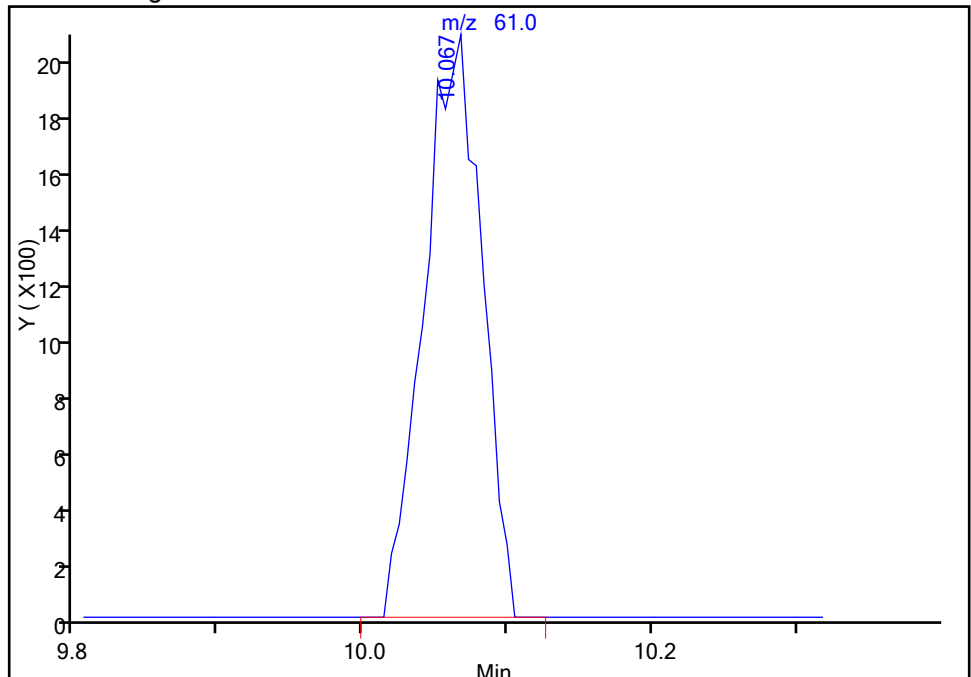
RT: 10.07
Area: 3721
Amount: 0.192734
Amount Units: ppb v/v

Processing Integration Results



RT: 10.07
Area: 5672
Amount: 0.192734
Amount Units: ppb v/v

Manual Integration Results



Reviewer: daiglep, 26-Jan-2017 09:03:09
Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Burlington

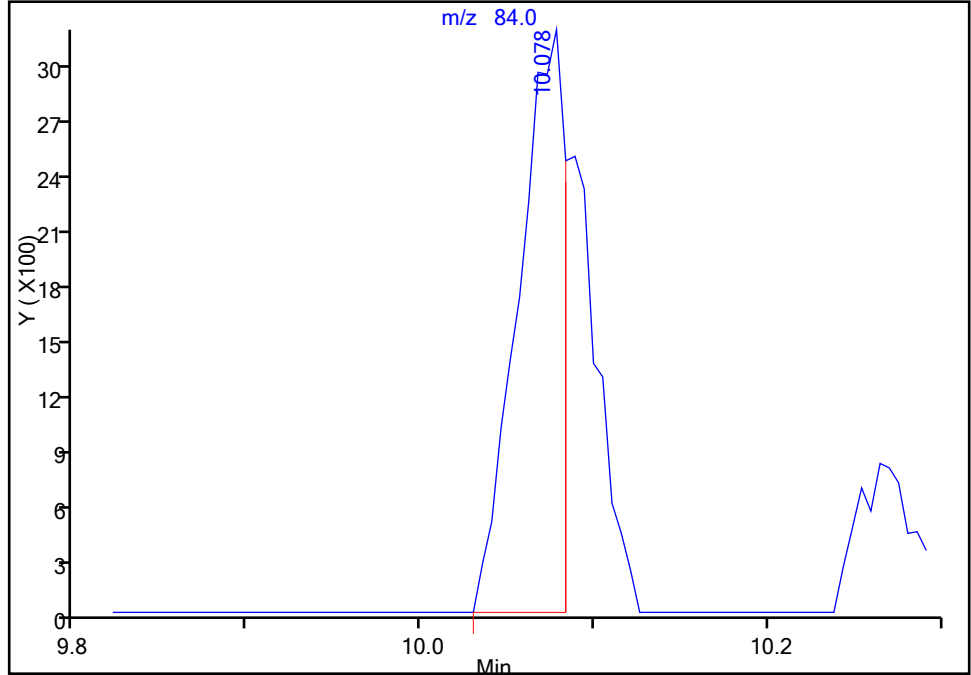
Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_04.D
Injection Date: 25-Jan-2017 19:53:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

43 Cyclohexane, CAS: 110-82-7

Signal: 1

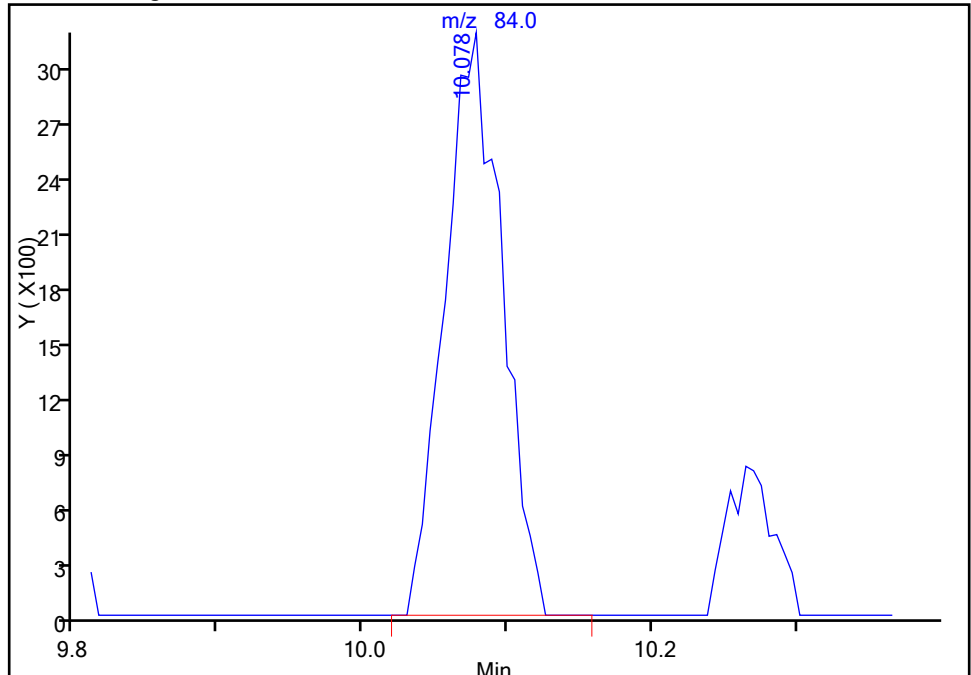
RT: 10.08
Area: 5831
Amount: 0.141891
Amount Units: ppb v/v

Processing Integration Results



RT: 10.08
Area: 8554
Amount: 0.198766
Amount Units: ppb v/v

Manual Integration Results



Reviewer: daiglep, 26-Jan-2017 09:03:09
Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Burlington

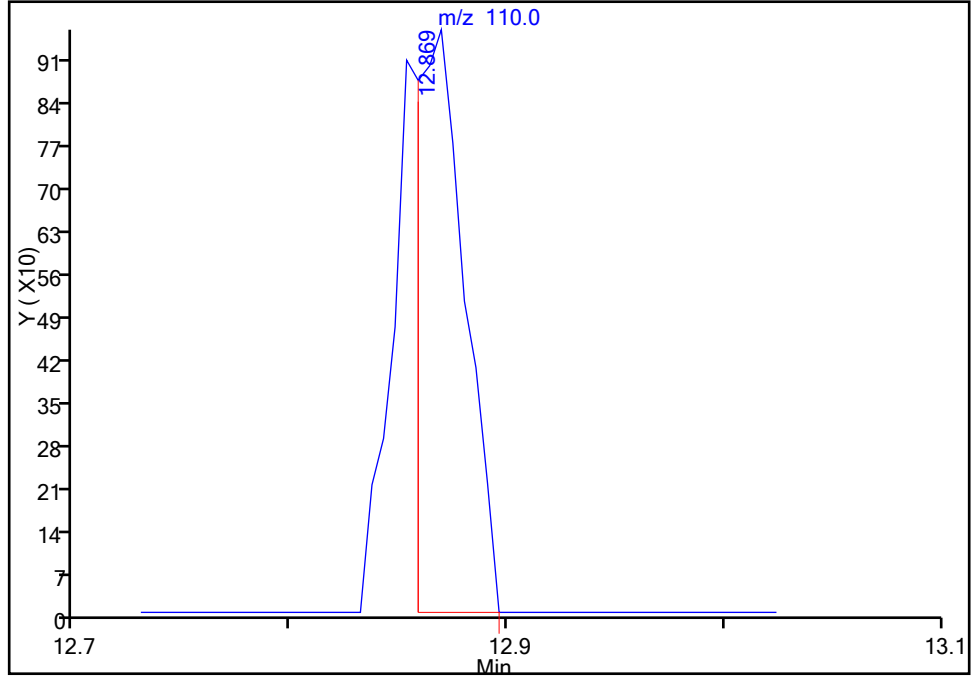
Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_04.D
Injection Date: 25-Jan-2017 19:53:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

60 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 2

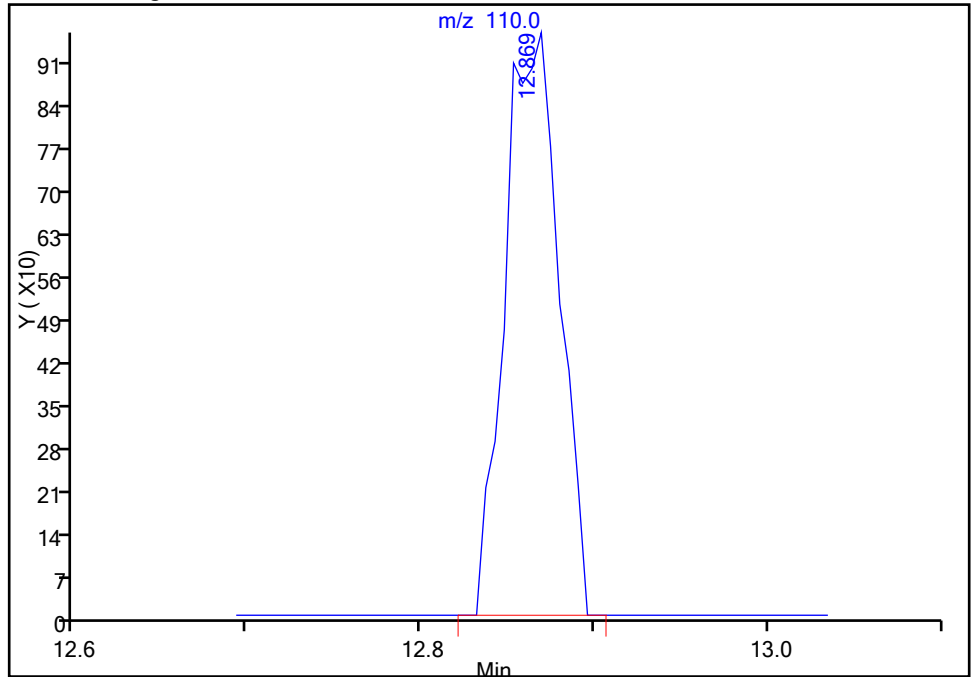
RT: 12.87
Area: 1478
Amount: 0.191498
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 2075
Amount: 0.191498
Amount Units: ppb v/v

Manual Integration Results



Reviewer: daiglep, 26-Jan-2017 09:03:09
Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_05.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 25-Jan-2017 20:46:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-005
 Misc. Info.: ic-03
 Operator ID: pad Instrument ID: CHB.i
 Sublist: chrom-TO15_LLNJ_TO3*sub5
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:38 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 09:04:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.145	3.140	0.005	98	17034	0.5005	0.6859	
2 Dichlorodifluoromethane	85	3.204	3.199	0.005	99	36590	0.5005	0.6102	
3 Chlorodifluoromethane	51	3.236	3.236	0.000	97	27446	0.5005	0.6150	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.423	3.417	0.006	94	34577	0.5005	0.5847	
5 Chloromethane	50	3.551	3.545	0.006	99	17864	0.5005	0.6118	
6 Butane	43	3.727	3.722	0.005	99	32717	0.5005	0.6080	
7 Vinyl chloride	62	3.759	3.759	0.000	97	17708	0.5005	0.5724	
8 Butadiene	54	3.828	3.823	0.005	95	14516	0.5005	0.5673	
10 Bromomethane	94	4.501	4.495	0.006	98	13576	0.5005	0.5797	
9 BFB									
11 Chloroethane	64	4.730	4.730	0.000	99	9705	0.5005	0.5644	
12 2-Methylbutane	43	4.810	4.810	0.000	95	27004	0.5005	0.5917	
13 Vinyl bromide	106	5.147	5.141	0.006	99	12865	0.5005	0.5602	
14 Trichlorofluoromethane	101	5.248	5.243	0.005	98	35386	0.5005	0.5846	
15 Pentane	43	5.376	5.376	0.000	96	41045	0.5005	0.5984	
16 Ethanol	45	5.712	5.707	0.005	99	109529	5.01	6.10	
17 Ethyl ether	59	5.872	5.856	0.016	91	12652	0.5005	0.5651	
18 Acrolein	56	6.235	6.230	0.005	95	7306	0.5005	0.6436	
19 1,1,2-Trichloro-1,2,2-trif	101	6.278	6.273	0.005	92	25287	0.5005	0.5580	
20 1,1-Dichloroethene	96	6.347	6.347	0.000	92	13162	0.5005	0.5604	
21 Acetone	43	6.513	6.502	0.011	99	143989	0.5005	2.33	
22 Isopropyl alcohol	45	6.732	6.721	0.011	99	36928	0.5005	0.6167	M
23 Carbon disulfide	76	6.780	6.774	0.006	100	42385	0.5005	0.5658	
24 3-Chloro-1-propene	41	7.047	7.046	0.000	93	30660	0.5005	0.5783	
26 Acetonitrile	41	7.121	7.116	0.005	100	21040	0.5005	0.6605	
27 Methylene Chloride	49	7.308	7.308	0.000	96	28252	0.5005	0.6748	
28 2-Methyl-2-propanol	59	7.447	7.425	0.022	95	39511	0.5005	0.5940	
29 Methyl tert-butyl ether	73	7.676	7.655	0.021	97	47103	0.5005	0.5672	
30 trans-1,2-Dichloroethene	61	7.719	7.719	0.000	94	25257	0.5005	0.5622	
31 Acrylonitrile	53	7.794	7.794	0.000	96	15716	0.5005	0.5762	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.045	8.044	0.001	95	29762	0.5005	0.5636	
33 1,1-Dichloroethane	63	8.461	8.461	0.000	98	33222	0.5005	0.5567	
34 Vinyl acetate	43	8.466	8.466	0.000	100	59149	0.5005	0.5702	
36 2-Butanone (MEK)	72	9.363	9.357	0.006	95	9558	0.5005	0.5823	
37 cis-1,2-Dichloroethene	96	9.368	9.368	0.000	93	15425	0.5005	0.5589	
35 Ethyl acetate	88		9.368				ND	ND	
* 39 Chlorobromomethane	128	9.736	9.736	0.000	92	182180	10.0	10.0	
38 Tetrahydrofuran	42	9.758	9.747	0.011	94	29408	0.5005	0.5888	
40 Chloroform	83	9.806	9.811	-0.005	96	31825	0.5005	0.5683	
S 41 1,2-Dichloroethene, Total	61				0		1.00	1.12	
42 1,1,1-Trichloroethane	97	10.067	10.067	0.000	95	30162	0.5005	0.5532	
43 Cyclohexane	84	10.078	10.078	0.000	94	21905	0.5005	0.5374	
44 Carbon tetrachloride	117	10.270	10.270	0.000	96	29346	0.5005	0.5513	
45 Isooctane	57	10.558	10.553	0.005	98	100611	0.5005	0.5444	
46 Benzene	78	10.590	10.601	-0.011	98	53492	0.5005	0.5536	
47 1,2-Dichloroethane	62	10.697	10.702	-0.005	95	22522	0.5005	0.5517	
48 n-Heptane	43	10.798	10.804	-0.006	97	47126	0.5005	0.5666	
A 49 GRO	1	10.886	(4.800-16.972)		0	10293234	0.5005	0	
* 50 1,4-Difluorobenzene	114	11.140	11.140	0.000	98	986590	10.0	10.0	
51 n-Butanol	56	11.337	11.321	0.016	96	15512	0.5005	0.6290	
53 Trichloroethene	95	11.508	11.508	0.000	92	20354	0.5005	0.5285	
54 1,2-Dichloropropane	63	11.876	11.882	-0.006	86	22684	0.5005	0.5513	
55 Methyl methacrylate	69	11.919	11.919	0.000	88	19750	0.5005	0.5246	
56 1,4-Dioxane	88	12.021	12.004	0.017	97	10858	0.5005	0.6536	
57 Dibromomethane	174	12.063	12.068	-0.005	92	15580	0.5005	0.5502	
58 Dichlorobromomethane	83	12.239	12.239	0.000	97	34896	0.5005	0.5405	
A 59 TVOC as Toluene	1	12.519	(3.130-21.909)		0	14498219	0.5005	0	
60 cis-1,3-Dichloropropene	75	12.864	12.869	-0.005	98	28687	0.5005	0.5282	
61 4-Methyl-2-pentanone (MIBK)	43	13.024	13.013	0.011	97	57696	0.5005	0.5437	
63 n-Octane	43	13.275	13.280	-0.005	99	64822	0.5005	0.5453	
64 Toluene	92	13.291	13.296	-0.005	93	34939	0.5005	0.5506	
66 trans-1,3-Dichloropropene	75	13.654	13.659	-0.005	97	29109	0.5005	0.5332	
67 1,1,2-Trichloroethane	83	13.931	13.931	0.000	96	18058	0.5005	0.5576	
68 Tetrachloroethene	166	14.065	14.070	-0.005	93	22461	0.5005	0.5384	
69 2-Hexanone	43	14.198	14.187	0.011	89	60062	0.5005	0.5899	
70 Chlorodibromomethane	129	14.486	14.486	0.000	96	27825	0.5005	0.5291	
71 Ethylene Dibromide	107	14.689	14.689	0.000	95	26548	0.5005	0.5262	
* 72 Chlorobenzene-d5	117	15.244	15.249	-0.005	91	828101	10.0	10.0	
73 Chlorobenzene	112	15.281	15.287	-0.006	93	41352	0.5005	0.5370	
74 Ethylbenzene	91	15.351	15.351	0.000	99	76525	0.5005	0.5387	
75 n-Nonane	57	15.367	15.367	0.000	95	50355	0.5005	0.5498	
76 m-Xylene & p-Xylene	106	15.495	15.500	-0.005	0	54265	1.00	1.04	
S 77 Xylenes, Total	106				0		1.50	1.56	
78 o-Xylene	106	16.007	16.007	0.000	97	26459	0.5005	0.5203	
79 Styrene	104	16.029	16.034	-0.005	98	42546	0.5005	0.5203	
80 Bromoform	173	16.322	16.327	-0.005	93	22509	0.5005	0.4937	
81 Isopropylbenzene	105	16.418	16.418	0.000	97	80382	0.5005	0.5397	
83 1,1,2,2-Tetrachloroethane	83	16.824	16.829	-0.005	98	45105	0.5005	0.5279	
84 N-Propylbenzene	91	16.898	16.898	0.000	98	101902	0.5005	0.5210	
85 1,2,3-Trichloropropane	75	16.909	16.914	-0.005	96	38451	0.5005	0.5409	
86 n-Decane	57	16.957	16.962	-0.005	83	64092	0.5005	0.5489	
87 4-Ethyltoluene	105	17.021	17.021	0.000	98	77434	0.5005	0.5245	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.064	17.064	0.000	97	68311	0.5005	0.5280	
89 1,3,5-Trimethylbenzene	105	17.085	17.091	-0.006	92	66011	0.5005	0.5362	
90 Alpha Methyl Styrene	118	17.363	17.363	0.000	85	29775	0.5005	0.5128	
91 tert-Butylbenzene	119	17.464	17.464	0.000	90	59808	0.5005	0.5418	
92 1,2,4-Trimethylbenzene	105	17.534	17.539	-0.005	99	65095	0.5005	0.5354	
93 sec-Butylbenzene	105	17.720	17.726	-0.006	98	97157	0.5005	0.5399	
94 4-Isopropyltoluene	119	17.875	17.875	0.000	96	75664	0.5005	0.5317	
95 1,3-Dichlorobenzene	146	17.955	17.955	0.000	96	36658	0.5005	0.5197	
96 1,4-Dichlorobenzene	146	18.067	18.067	0.000	91	35682	0.5005	0.5162	
97 Benzyl chloride	91	18.217	18.222	-0.005	97	55380	0.5005	0.5153	
98 Undecane	57	18.345	18.345	0.000	92	66614	0.5005	0.5599	
99 n-Butylbenzene	91	18.382	18.387	-0.005	98	78597	0.5005	0.5363	
100 1,2-Dichlorobenzene	146	18.558	18.558	0.000	92	35693	0.5005	0.5375	
102 Dodecane	57	19.807	19.807	0.000	91	45262	0.5005	0.4443	
103 1,2,4-Trichlorobenzene	180	20.933	20.933	0.000	92	19848	0.5005	0.4615	
104 Hexachlorobutadiene	225	21.093	21.099	-0.006	95	26066	0.5005	0.5708	
105 Naphthalene	128	21.413	21.419	-0.006	98	53340	0.5005	0.4962	
106 1,2,3-Trichlorobenzene	180	21.894	21.899	-0.005	93	19541	0.5005	0.4873	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL2w_00231

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_05.D

Injection Date: 25-Jan-2017 20:46:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: ic

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

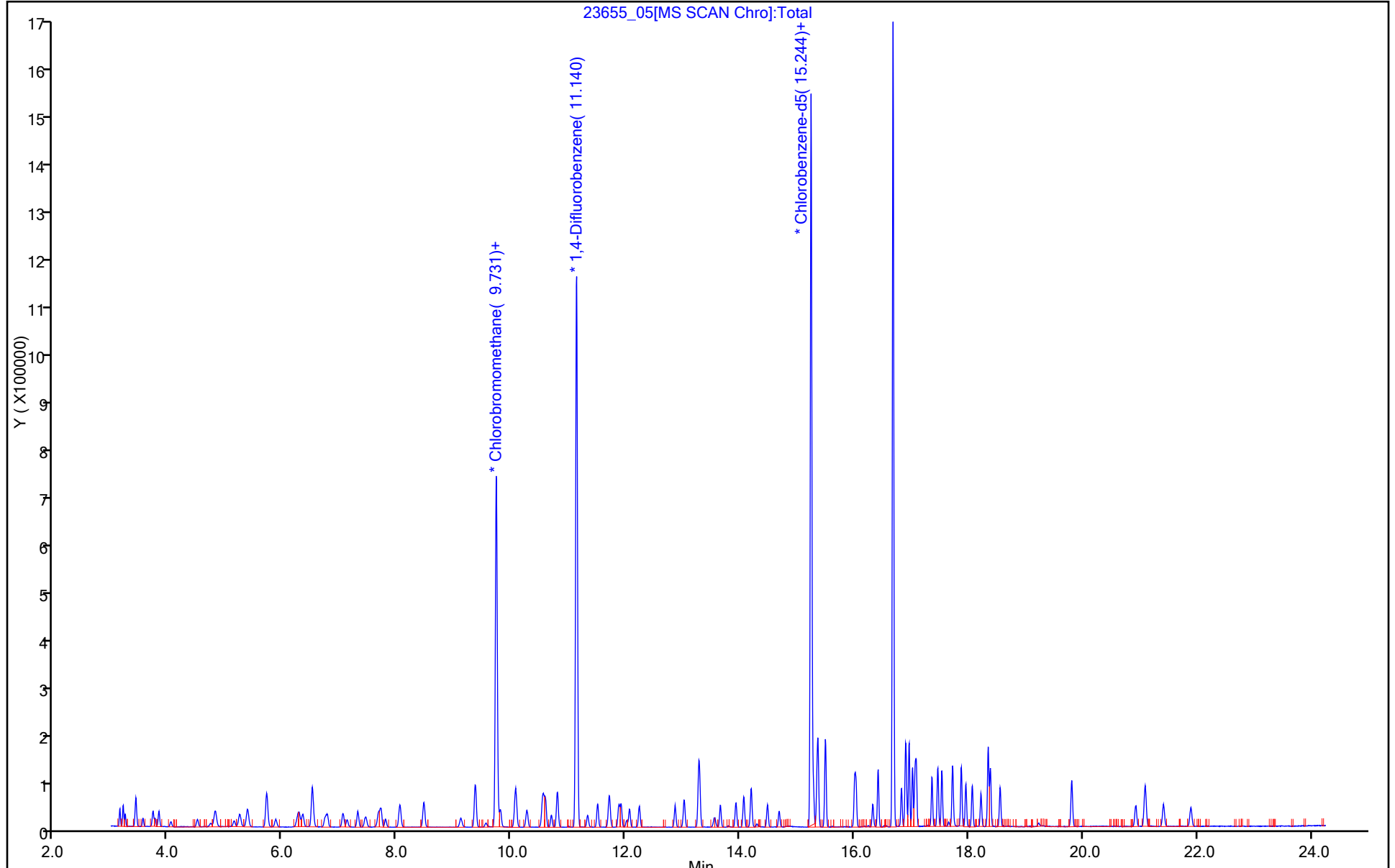
ALS Bottle#: 4

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

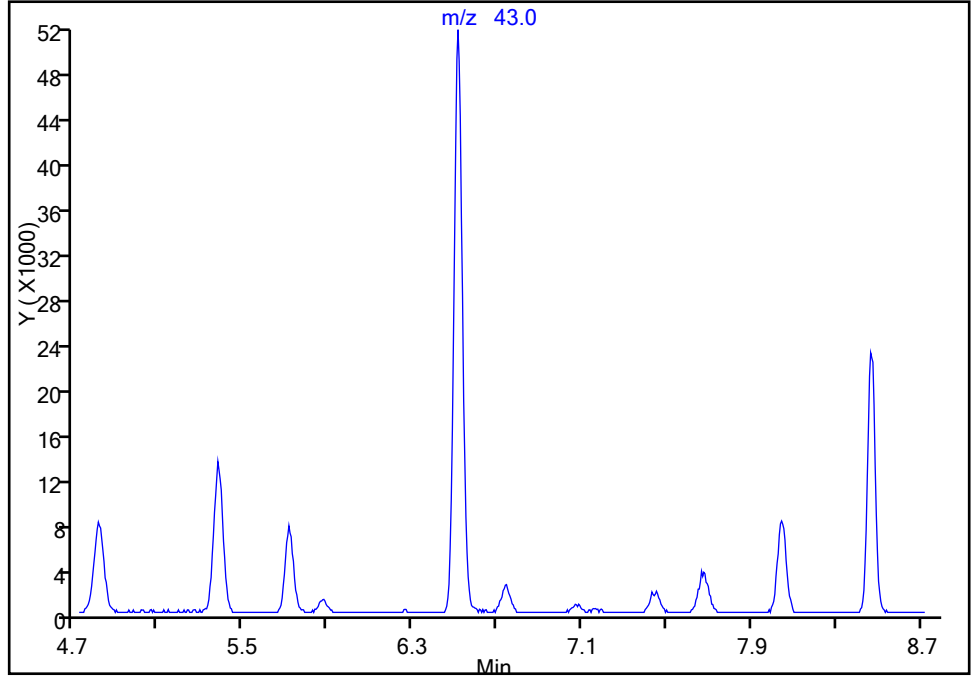
Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_05.D
Injection Date: 25-Jan-2017 20:46:30 Instrument ID: CHB.i
Lims ID: ic
Client ID:
Operator ID: pad ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 2

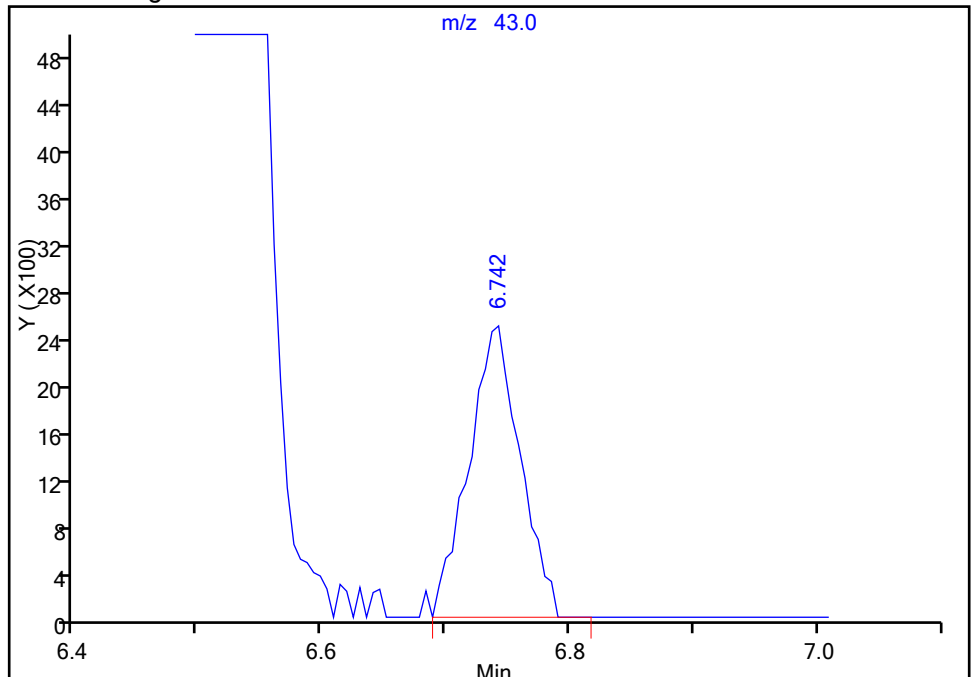
RT: 6.72
Area: 0
Amount: 0.616703
Amount Units: ppb v/v

Processing Integration Results



RT: 6.74
Area: 7118
Amount: 0.616703
Amount Units: ppb v/v

Manual Integration Results



Reviewer: daiglep, 26-Jan-2017 09:04:35
Audit Action: Manually Integrated

Audit Reason: Missed Peak

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_06.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 25-Jan-2017 21:39:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-006
 Misc. Info.: ic-04
 Operator ID: pad Instrument ID: CHB.i
 Sublist: chrom-TO15_LLNJ_TO3*sub5
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:40 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 09:05:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.140	3.140	0.000	97	139616	4.99	5.85	
2 Dichlorodifluoromethane	85	3.204	3.199	0.005	99	318400	4.99	5.53	
3 Chlorodifluoromethane	51	3.236	3.236	0.000	97	236187	4.99	5.51	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.423	3.417	0.006	94	302723	4.99	5.33	
5 Chloromethane	50	3.545	3.545	0.000	99	151165	4.99	5.39	
6 Butane	43	3.722	3.722	0.000	99	279488	4.99	5.41	
7 Vinyl chloride	62	3.759	3.759	0.000	98	154211	4.99	5.19	
8 Butadiene	54	3.828	3.823	0.005	95	126713	4.99	5.15	
9 BFB									
10 Bromomethane	94	4.501	4.495	0.006	99	114486	4.99	5.09	
11 Chloroethane	64	4.730	4.730	0.000	100	85949	4.99	5.20	
12 2-Methylbutane	43	4.816	4.810	0.006	95	226255	4.99	5.16	
13 Vinyl bromide	106	5.141	5.141	0.000	99	112290	4.99	5.09	
14 Trichlorofluoromethane	101	5.243	5.243	0.000	98	308867	4.99	5.31	
15 Pentane	43	5.381	5.376	0.005	96	347011	4.99	5.27	
16 Ethanol	45	5.707	5.707	0.000	99	178058	10.0	10.3	
17 Ethyl ether	59	5.862	5.856	0.006	90	111722	4.99	5.19	
18 Acrolein	56	6.230	6.230	0.000	96	61302	4.99	5.62	
19 1,1,2-Trichloro-1,2,2-trif	101	6.273	6.273	0.000	92	220532	4.99	5.06	
20 1,1-Dichloroethene	96	6.347	6.347	0.000	91	113716	4.99	5.04	
21 Acetone	43	6.502	6.502	0.000	99	444260	4.99	7.50	
22 Isopropyl alcohol	45	6.721	6.721	0.000	100	325026	4.99	5.65	
23 Carbon disulfide	76	6.774	6.774	0.000	100	368244	4.99	5.12	
24 3-Chloro-1-propene	41	7.047	7.046	0.000	91	269532	4.99	5.29	
26 Acetonitrile	41	7.121	7.116	0.005	98	170029	4.99	5.56	
27 Methylene Chloride	49	7.308	7.308	0.000	95	205904	4.99	5.12	
28 2-Methyl-2-propanol	59	7.420	7.425	-0.005	95	355660	4.99	5.57	
29 Methyl tert-butyl ether	73	7.660	7.655	0.005	97	410043	4.99	5.14	
30 trans-1,2-Dichloroethene	61	7.719	7.719	0.000	93	222454	4.99	5.15	
31 Acrylonitrile	53	7.794	7.794	0.000	94	134904	4.99	5.15	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.045	8.044	0.000	95	258360	4.99	5.09	
33 1,1-Dichloroethane	63	8.461	8.461	0.000	98	286296	4.99	4.99	
34 Vinyl acetate	43	8.466	8.466	0.000	100	540900	4.99	5.43	
36 2-Butanone (MEK)	72	9.357	9.357	0.000	100	78954	4.99	5.01	
35 Ethyl acetate	88	9.368	9.368	0.000	93	11448	4.99	5.06	
37 cis-1,2-Dichloroethene	96	9.363	9.368	-0.005	90	132130	4.99	4.98	
* 39 Chlorobromomethane	128	9.736	9.736	0.000	91	175040	10.0	10.0	
38 Tetrahydrofuran	42	9.747	9.747	0.000	94	255252	4.99	5.32	
40 Chloroform	83	9.811	9.811	0.000	96	278004	4.99	5.17	
S 41 1,2-Dichloroethene, Total	61				0		9.99	10.1	
42 1,1,1-Trichloroethane	97	10.067	10.067	0.000	96	270457	4.99	5.17	
43 Cyclohexane	84	10.078	10.078	0.000	92	190628	4.99	4.87	
44 Carbon tetrachloride	117	10.270	10.270	0.000	97	261765	4.99	5.12	
45 Isooctane	57	10.553	10.553	0.000	98	884686	4.99	4.99	
46 Benzene	78	10.596	10.601	-0.005	98	451344	4.99	4.87	
47 1,2-Dichloroethane	62	10.702	10.702	0.000	96	207914	4.99	5.31	
48 n-Heptane	43	10.804	10.804	0.000	97	405850	4.99	5.08	
A 49 GRO	1	10.886	(4.800-16.972)		0	65955507	4.99	0	
* 50 1,4-Difluorobenzene	114	11.140	11.140	0.000	98	947196	10.0	10.0	
51 n-Butanol	56	11.316	11.321	-0.005	96	125229	4.99	5.29	
53 Trichloroethene	95	11.508	11.508	0.000	92	170310	4.99	4.61	
54 1,2-Dichloropropane	63	11.882	11.882	0.000	93	195408	4.99	4.95	
55 Methyl methacrylate	69	11.914	11.919	-0.005	87	177979	4.99	4.92	
56 1,4-Dioxane	88	12.004	12.004	0.000	96	85442	4.99	5.36	
57 Dibromomethane	174	12.069	12.068	0.001	91	125239	4.99	4.61	
58 Dichlorobromomethane	83	12.239	12.239	0.000	97	316151	4.99	5.10	
A 59 TVOC as Toluene	1	12.519	(3.130-21.909)		0	103583150	4.99	0	
60 cis-1,3-Dichloropropene	75	12.864	12.869	-0.005	98	261141	4.99	5.01	
61 4-Methyl-2-pentanone (MIBK)	43	13.013	13.013	0.000	97	526302	4.99	5.17	
63 n-Octane	43	13.275	13.280	-0.005	99	579750	4.99	5.08	
64 Toluene	92	13.296	13.296	0.000	92	301608	4.99	4.86	
66 trans-1,3-Dichloropropene	75	13.654	13.659	-0.005	96	262293	4.99	5.00	
67 1,1,2-Trichloroethane	83	13.931	13.931	0.000	96	153759	4.99	4.85	
68 Tetrachloroethene	166	14.070	14.070	0.000	93	195786	4.99	4.80	
69 2-Hexanone	43	14.187	14.187	0.000	89	507821	4.99	5.10	
70 Chlorodibromomethane	129	14.481	14.486	-0.005	95	257855	4.99	5.01	
71 Ethylene Dibromide	107	14.684	14.689	-0.005	97	241519	4.99	4.89	
* 72 Chlorobenzene-d5	117	15.244	15.249	-0.005	91	810520	10.0	10.0	
73 Chlorobenzene	112	15.281	15.287	-0.006	90	365182	4.99	4.85	
74 Ethylbenzene	91	15.351	15.351	0.000	99	676068	4.99	4.86	
75 n-Nonane	57	15.367	15.367	0.000	95	434460	4.99	4.85	
76 m-Xylene & p-Xylene	106	15.495	15.500	-0.005	0	491342	9.99	9.66	
S 77 Xylenes, Total	106				0		15.0	14.5	
78 o-Xylene	106	16.007	16.007	0.000	96	241858	4.99	4.86	
79 Styrene	104	16.034	16.034	0.000	98	386509	4.99	4.83	
80 Bromoform	173	16.327	16.327	0.000	93	232336	4.99	5.21	
81 Isopropylbenzene	105	16.418	16.418	0.000	97	712056	4.99	4.88	
83 1,1,2,2-Tetrachloroethane	83	16.829	16.829	0.000	97	404018	4.99	4.83	
84 N-Propylbenzene	91	16.898	16.898	0.000	98	930775	4.99	4.86	
85 1,2,3-Trichloropropane	75	16.909	16.914	-0.005	95	334697	4.99	4.81	
86 n-Decane	57	16.962	16.962	0.000	83	563115	4.99	4.93	
87 4-Ethyltoluene	105	17.021	17.021	0.000	98	701862	4.99	4.86	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.064	17.064	0.000	97	618101	4.99	4.88	
89 1,3,5-Trimethylbenzene	105	17.085	17.091	-0.006	91	589053	4.99	4.89	
90 Alpha Methyl Styrene	118	17.363	17.363	0.000	84	278934	4.99	4.91	
91 tert-Butylbenzene	119	17.464	17.464	0.000	89	530260	4.99	4.91	
92 1,2,4-Trimethylbenzene	105	17.534	17.539	-0.005	99	586526	4.99	4.93	
93 sec-Butylbenzene	105	17.720	17.726	-0.006	98	866837	4.99	4.92	
94 4-Isopropyltoluene	119	17.875	17.875	0.000	96	682076	4.99	4.90	
95 1,3-Dichlorobenzene	146	17.955	17.955	0.000	96	330485	4.99	4.79	
96 1,4-Dichlorobenzene	146	18.067	18.067	0.000	91	325290	4.99	4.81	
97 Benzyl chloride	91	18.217	18.222	-0.005	97	518414	4.99	4.93	
98 Undecane	57	18.345	18.345	0.000	93	605702	4.99	5.20	
99 n-Butylbenzene	91	18.382	18.387	-0.005	97	718688	4.99	5.01	
100 1,2-Dichlorobenzene	146	18.553	18.558	-0.005	92	314766	4.99	4.84	
102 Dodecane	57	19.807	19.807	0.000	91	490242	4.99	4.92	
103 1,2,4-Trichlorobenzene	180	20.928	20.933	-0.005	93	190272	4.99	4.52	
104 Hexachlorobutadiene	225	21.093	21.099	-0.006	96	221012	4.99	4.95	
105 Naphthalene	128	21.413	21.419	-0.006	98	496839	4.99	4.72	
106 1,2,3-Trichlorobenzene	180	21.894	21.899	-0.005	93	173716	4.99	4.43	

Reagents:

ATTO15CAL3w_00175

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_06.D

Injection Date: 25-Jan-2017 21:39:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: ic

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

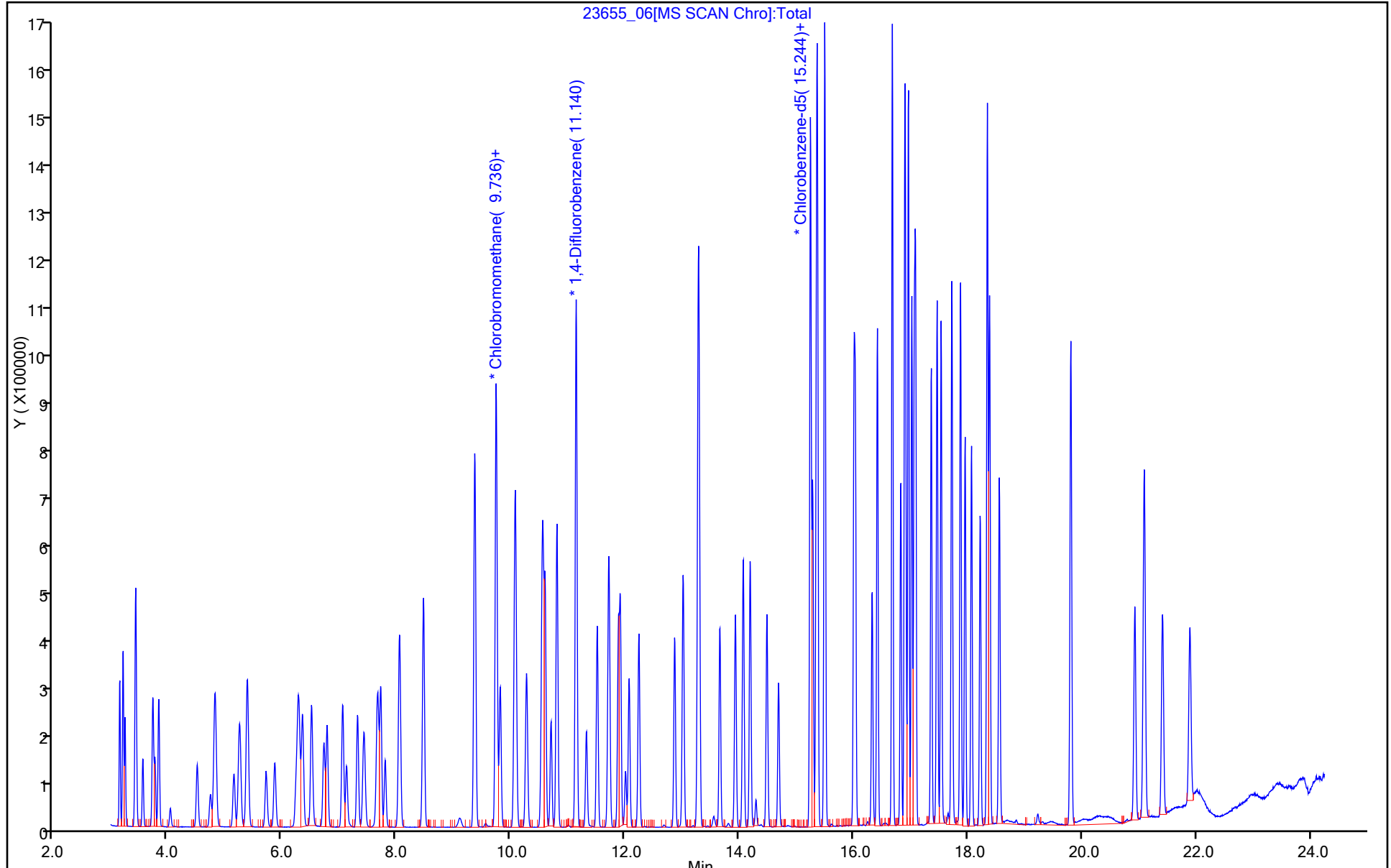
ALS Bottle#: 5

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_07.D
 Lims ID: icis
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 25-Jan-2017 22:32:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-007
 Misc. Info.: icis-05
 Operator ID: pad Instrument ID: CHB.i
 Sublist: chrom-TO15_LLNJ_TO3*sub5
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:41 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 08:54:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.140	3.140	0.000	98	264840	10.0	9.29	
2 Dichlorodifluoromethane	85	3.199	3.199	0.000	99	601774	10.0	8.74	
3 Chlorodifluoromethane	51	3.236	3.236	0.000	97	450536	10.0	8.79	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.417	3.417	0.000	98	582350	10.0	8.58	
5 Chloromethane	50	3.545	3.545	0.000	99	294299	10.0	8.78	
6 Butane	43	3.722	3.722	0.000	99	544302	10.0	8.81	
7 Vinyl chloride	62	3.759	3.759	0.000	98	303494	10.0	8.55	
8 Butadiene	54	3.823	3.823	0.000	95	249433	10.0	8.49	
10 Bromomethane	94	4.495	4.495	0.000	99	234100	10.0	8.71	
9 BFB									
11 Chloroethane	64	4.730	4.730	0.000	100	176321	10.0	8.93	
12 2-Methylbutane	43	4.810	4.810	0.000	96	461440	10.0	8.81	
13 Vinyl bromide	106	5.141	5.141	0.000	99	236014	10.0	8.95	
14 Trichlorofluoromethane	101	5.243	5.243	0.000	98	628731	10.0	9.05	
15 Pentane	43	5.376	5.376	0.000	96	709378	10.0	9.01	
16 Ethanol	45	5.707	5.707	0.000	98	331246	15.0	16.1	
17 Ethyl ether	59	5.856	5.856	0.000	91	235387	10.0	9.16	
18 Acrolein	56	6.230	6.230	0.000	96	103192	10.0	7.92	
19 1,1,2-Trichloro-1,2,2-trif	101	6.273	6.273	0.000	93	464766	10.0	8.93	
20 1,1-Dichloroethene	96	6.347	6.347	0.000	92	241412	10.0	8.96	
21 Acetone	43	6.502	6.502	0.000	98	630763	10.0	8.91	
22 Isopropyl alcohol	45	6.721	6.721	0.000	100	595179	10.0	8.66	
23 Carbon disulfide	76	6.774	6.774	0.000	100	776542	10.0	9.03	
24 3-Chloro-1-propene	41	7.046	7.046	0.000	90	525884	10.0	8.64	
26 Acetonitrile	41	7.116	7.116	0.000	99	348643	10.0	9.54	
27 Methylene Chloride	49	7.308	7.308	0.000	96	422699	10.0	8.80	
28 2-Methyl-2-propanol	59	7.425	7.425	0.000	95	677435	10.0	8.87	
29 Methyl tert-butyl ether	73	7.655	7.655	0.000	98	871571	10.0	9.14	
30 trans-1,2-Dichloroethene	61	7.719	7.719	0.000	94	469870	10.0	9.11	
31 Acrylonitrile	53	7.794	7.794	0.000	95	285164	10.0	9.11	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.044	8.044	0.000	96	552718	10.0	9.12	
33 1,1-Dichloroethane	63	8.461	8.461	0.000	99	606052	10.0	8.85	
34 Vinyl acetate	43	8.466	8.466	0.000	100	1133351	10.0	9.52	
36 2-Butanone (MEK)	72	9.357	9.357	0.000	99	171170	10.0	9.08	
37 cis-1,2-Dichloroethene	96	9.368	9.368	0.000	90	290070	10.0	9.16	
35 Ethyl acetate	88	9.368	9.368	0.000	94	24859	10.0	9.20	
* 39 Chlorobromomethane	128	9.736	9.736	0.000	92	209105	10.0	10.0	
38 Tetrahydrofuran	42	9.747	9.747	0.000	95	527628	10.0	9.28	
40 Chloroform	83	9.811	9.811	0.000	96	587556	10.0	9.14	
S 41 1,2-Dichloroethene, Total	61				0		20.0	18.3	
42 1,1,1-Trichloroethane	97	10.067	10.067	0.000	96	563030	10.0	9.07	
43 Cyclohexane	84	10.078	10.078	0.000	93	413266	10.0	8.90	
44 Carbon tetrachloride	117	10.270	10.270	0.000	97	540318	10.0	8.91	
45 Isooctane	57	10.553	10.553	0.000	98	1916199	10.0	9.10	
46 Benzene	78	10.601	10.601	0.000	98	982404	10.0	8.93	
47 1,2-Dichloroethane	62	10.702	10.702	0.000	96	424003	10.0	9.12	
48 n-Heptane	43	10.804	10.804	0.000	97	854206	10.0	9.02	
A 49 GRO	1	10.886	(4.800-16.972)		0	137252181	10.0	0	
* 50 1,4-Difluorobenzene	114	11.140	11.140	0.000	97	1123603	10.0	10.0	
51 n-Butanol	56	11.321	11.321	0.000	94	238783	10.0	8.50	
53 Trichloroethene	95	11.508	11.508	0.000	93	374029	10.0	8.53	
54 1,2-Dichloropropane	63	11.882	11.882	0.000	90	424180	10.0	9.05	
55 Methyl methacrylate	69	11.919	11.919	0.000	90	388710	10.0	9.07	
56 1,4-Dioxane	88	12.004	12.004	0.000	98	155073	10.0	8.20	
57 Dibromomethane	174	12.068	12.068	0.000	92	279343	10.0	8.66	
58 Dichlorobromomethane	83	12.239	12.239	0.000	97	669490	10.0	9.11	
A 59 TVOC as Toluene	1	12.519	(3.130-21.909)		0	214241351	10.0	0	
60 cis-1,3-Dichloropropene	75	12.869	12.869	0.000	97	566645	10.0	9.16	
61 4-Methyl-2-pentanone (MIBK)	43	13.013	13.013	0.000	97	1115963	10.0	9.23	
63 n-Octane	43	13.280	13.280	0.000	98	1231245	10.0	9.10	
64 Toluene	92	13.296	13.296	0.000	92	666571	10.0	9.02	
66 trans-1,3-Dichloropropene	75	13.659	13.659	0.000	97	562977	10.0	9.05	
67 1,1,2-Trichloroethane	83	13.931	13.931	0.000	96	337023	10.0	8.94	
68 Tetrachloroethene	166	14.070	14.070	0.000	94	423667	10.0	8.72	
69 2-Hexanone	43	14.187	14.187	0.000	90	1073260	10.0	9.05	
70 Chlorodibromomethane	129	14.486	14.486	0.000	97	548601	10.0	8.96	
71 Ethylene Dibromide	107	14.689	14.689	0.000	98	533134	10.0	9.08	
* 72 Chlorobenzene-d5	117	15.249	15.249	0.000	90	964209	10.0	10.0	
73 Chlorobenzene	112	15.287	15.287	0.000	90	809346	10.0	9.03	
74 Ethylbenzene	91	15.351	15.351	0.000	99	1500292	10.0	9.07	
75 n-Nonane	57	15.367	15.367	0.000	97	962465	10.0	9.03	
76 m-Xylene & p-Xylene	106	15.500	15.500	0.000	0	1093470	20.0	18.1	
S 77 Xylenes, Total	106				0		30.0	27.1	
78 o-Xylene	106	16.007	16.007	0.000	97	533870	10.0	9.02	
79 Styrene	104	16.034	16.034	0.000	97	863383	10.0	9.07	
80 Bromoform	173	16.327	16.327	0.000	94	464974	10.0	8.76	
81 Isopropylbenzene	105	16.418	16.418	0.000	97	1564208	10.0	9.02	
83 1,1,2,2-Tetrachloroethane	83	16.829	16.829	0.000	97	898616	10.0	9.03	
84 N-Propylbenzene	91	16.898	16.898	0.000	98	2078015	10.0	9.12	
85 1,2,3-Trichloropropane	75	16.914	16.914	0.000	98	740064	10.0	8.94	
86 n-Decane	57	16.962	16.962	0.000	84	1233466	10.0	9.07	
87 4-Ethyltoluene	105	17.021	17.021	0.000	98	1564925	10.0	9.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.064	17.064	0.000	97	1349198	10.0	8.96	
89 1,3,5-Trimethylbenzene	105	17.091	17.091	0.000	92	1290897	10.0	9.01	
90 Alpha Methyl Styrene	118	17.363	17.363	0.000	85	617148	10.0	9.13	
91 tert-Butylbenzene	119	17.464	17.464	0.000	90	1157460	10.0	9.01	
92 1,2,4-Trimethylbenzene	105	17.539	17.539	0.000	99	1281275	10.0	9.05	
93 sec-Butylbenzene	105	17.726	17.726	0.000	98	1899850	10.0	9.07	
94 4-Isopropyltoluene	119	17.875	17.875	0.000	97	1494338	10.0	9.02	
95 1,3-Dichlorobenzene	146	17.955	17.955	0.000	97	739116	10.0	9.00	
96 1,4-Dichlorobenzene	146	18.067	18.067	0.000	91	726437	10.0	9.02	
97 Benzyl chloride	91	18.222	18.222	0.000	97	1114455	10.0	8.91	
98 Undecane	57	18.345	18.345	0.000	94	1279794	10.0	9.24	
99 n-Butylbenzene	91	18.387	18.387	0.000	98	1553087	10.0	9.10	
100 1,2-Dichlorobenzene	146	18.558	18.558	0.000	92	691711	10.0	8.95	
102 Dodecane	57	19.807	19.807	0.000	92	1036589	10.0	8.74	
103 1,2,4-Trichlorobenzene	180	20.933	20.933	0.000	93	406805	10.0	8.12	
104 Hexachlorobutadiene	225	21.099	21.099	0.000	96	442922	10.0	8.33	
105 Naphthalene	128	21.419	21.419	0.000	98	919491	10.0	7.35	
106 1,2,3-Trichlorobenzene	180	21.899	21.899	0.000	92	373991	10.0	8.01	

Reagents:

ATTO15CAL4w_00600

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_07.D

Injection Date: 25-Jan-2017 22:32:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: icis

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

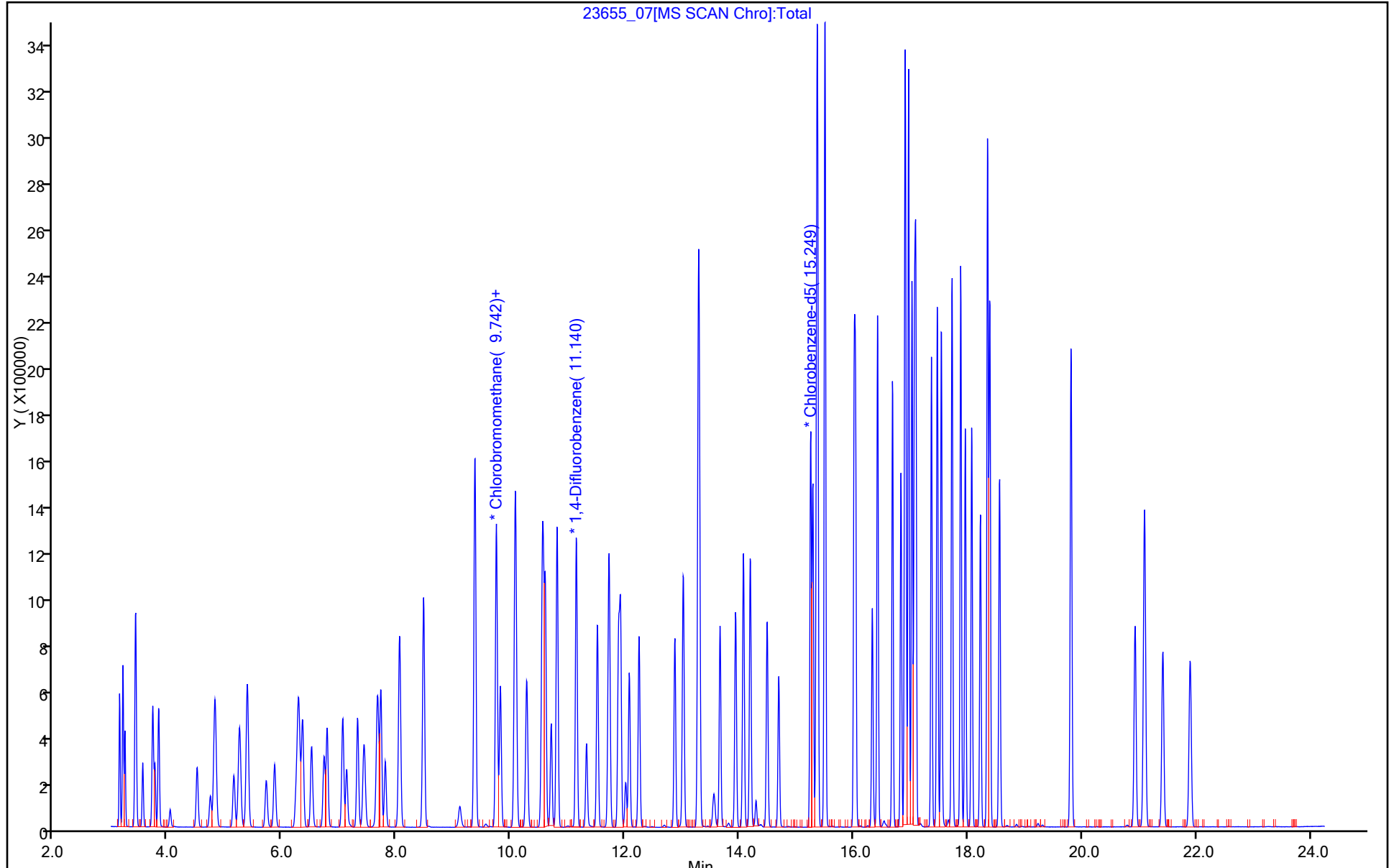
ALS Bottle#: 6

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_08.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 25-Jan-2017 23:24:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-008
 Misc. Info.: ic-06
 Operator ID: pad Instrument ID: CHB.i
 Sublist: chrom-TO15_LLNJ_TO3*sub5
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:43 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 08:56:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.140	3.140	0.000	98	482172	15.0	15.5	
2 Dichlorodifluoromethane	85	3.198	3.199	-0.001	99	1106997	15.0	14.7	
3 Chlorodifluoromethane	51	3.236	3.236	0.000	97	828786	15.0	14.8	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.417	3.417	0.000	94	1112325	15.0	15.0	
5 Chloromethane	50	3.545	3.545	0.000	99	541746	15.0	14.8	
6 Butane	43	3.722	3.722	0.000	99	1005246	15.0	14.9	
7 Vinyl chloride	62	3.759	3.759	0.000	98	569758	15.0	14.7	
8 Butadiene	54	3.828	3.823	0.005	96	466778	15.0	14.6	
9 BFB									
10 Bromomethane	94	4.501	4.495	0.006	98	445471	15.0	15.2	
11 Chloroethane	64	4.730	4.730	0.000	100	327140	15.0	15.2	
12 2-Methylbutane	43	4.810	4.810	0.000	96	834904	15.0	14.6	
13 Vinyl bromide	106	5.146	5.141	0.005	99	438634	15.0	15.3	
14 Trichlorofluoromethane	101	5.243	5.243	0.000	97	1135473	15.0	15.0	
15 Pentane	43	5.381	5.376	0.005	96	1282068	15.0	14.9	
16 Ethanol	45	5.712	5.707	0.005	99	433768	20.0	19.3	
17 Ethyl ether	59	5.856	5.856	0.000	91	431870	15.0	15.4	
18 Acrolein	56	6.230	6.230	0.000	96	241776	15.0	17.0	
19 1,1,2-Trichloro-1,2,2-trif	101	6.278	6.273	0.005	93	858950	15.0	15.1	
20 1,1-Dichloroethene	96	6.347	6.347	0.000	92	444690	15.0	15.1	
21 Acetone	43	6.502	6.502	0.000	98	1121831	15.0	14.5	
22 Isopropyl alcohol	45	6.726	6.721	0.005	99	1191617	15.0	15.9	
23 Carbon disulfide	76	6.780	6.774	0.006	99	1420260	15.0	15.1	
24 3-Chloro-1-propene	41	7.052	7.046	0.006	91	1000392	15.0	15.1	
26 Acetonitrile	41	7.121	7.116	0.005	99	617796	15.0	15.5	
27 Methylene Chloride	49	7.313	7.308	0.005	97	753587	15.0	14.4	
28 2-Methyl-2-propanol	59	7.425	7.425	0.000	95	1326211	15.0	15.9	
29 Methyl tert-butyl ether	73	7.660	7.655	0.005	98	1580002	15.0	15.2	
30 trans-1,2-Dichloroethene	61	7.719	7.719	0.000	94	855881	15.0	15.2	
31 Acrylonitrile	53	7.799	7.794	0.005	95	515677	15.0	15.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.050	8.044	0.006	96	1003309	15.0	15.2	
33 1,1-Dichloroethane	63	8.466	8.461	0.005	98	1093193	15.0	14.6	
34 Vinyl acetate	43	8.471	8.466	0.005	100	2015965	15.0	15.5	
36 2-Butanone (MEK)	72	9.357	9.357	0.000	99	309800	15.0	15.1	
35 Ethyl acetate	88	9.373	9.368	0.005	93	46341	15.0	15.7	
37 cis-1,2-Dichloroethene	96	9.373	9.368	0.005	91	525008	15.0	15.2	
* 39 Chlorobromomethane	128	9.742	9.736	0.006	92	228165	10.0	10.0	
38 Tetrahydrofuran	42	9.747	9.747	0.000	95	945157	15.0	15.4	
40 Chloroform	83	9.816	9.811	0.005	97	1054145	15.0	15.0	
S 41 1,2-Dichloroethene, Total	61				0		30.0	30.4	
42 1,1,1-Trichloroethane	97	10.067	10.067	0.000	96	1012170	15.0	15.1	
43 Cyclohexane	84	10.078	10.078	0.000	96	757668	15.0	15.1	
44 Carbon tetrachloride	117	10.275	10.270	0.005	98	983122	15.0	15.0	
45 Isooctane	57	10.558	10.553	0.005	99	3459194	15.0	15.2	
46 Benzene	78	10.601	10.601	0.000	97	1789839	15.0	15.1	
47 1,2-Dichloroethane	62	10.702	10.702	0.000	96	744531	15.0	14.8	
48 n-Heptane	43	10.809	10.804	0.005	97	1519401	15.0	14.9	
A 49 GRO	1	10.886	(4.800-16.972)		0	243777081	15.0	0	
* 50 1,4-Difluorobenzene	114	11.145	11.140	0.005	98	1211902	10.0	10.0	
51 n-Butanol	56	11.321	11.321	0.000	93	480453	15.0	15.9	
53 Trichloroethene	95	11.513	11.508	0.005	93	676193	15.0	14.3	
54 1,2-Dichloropropane	63	11.887	11.882	0.005	92	766839	15.0	15.2	
55 Methyl methacrylate	69	11.919	11.919	0.000	90	711576	15.0	15.4	
56 1,4-Dioxane	88	12.010	12.004	0.006	98	326715	15.0	16.0	
57 Dibromomethane	174	12.074	12.068	0.006	92	502852	15.0	14.5	
58 Dichlorobromomethane	83	12.245	12.239	0.006	98	1203719	15.0	15.2	
A 59 TVOC as Toluene	1	12.519	(3.130-21.909)		0	385080296	15.0	0	
60 cis-1,3-Dichloropropene	75	12.869	12.869	0.000	96	1021603	15.0	15.3	
61 4-Methyl-2-pentanone (MIBK)	43	13.013	13.013	0.000	97	1989970	15.0	15.3	
63 n-Octane	43	13.280	13.280	0.000	98	2199918	15.0	15.1	
64 Toluene	92	13.301	13.296	0.005	92	1202418	15.0	15.1	
66 trans-1,3-Dichloropropene	75	13.659	13.659	0.000	98	1022373	15.0	15.2	
67 1,1,2-Trichloroethane	83	13.936	13.931	0.005	96	615289	15.0	15.1	
68 Tetrachloroethene	166	14.070	14.070	0.000	94	779576	15.0	14.9	
69 2-Hexanone	43	14.193	14.187	0.006	90	1931359	15.0	15.1	
70 Chlorodibromomethane	129	14.486	14.486	0.000	97	1038273	15.0	15.7	
71 Ethylene Dibromide	107	14.689	14.689	0.000	99	968251	15.0	15.3	
* 72 Chlorobenzene-d5	117	15.249	15.249	0.000	92	1039443	10.0	10.0	
73 Chlorobenzene	112	15.287	15.287	0.000	90	1475200	15.0	15.3	
74 Ethylbenzene	91	15.351	15.351	0.000	99	2733195	15.0	15.3	
75 n-Nonane	57	15.372	15.367	0.005	97	1752112	15.0	15.2	
76 m-Xylene & p-Xylene	106	15.500	15.500	0.000	0	2014180	30.0	30.9	
S 77 Xylenes, Total	106				0		45.0	46.2	
78 o-Xylene	106	16.012	16.007	0.005	97	976197	15.0	15.3	
79 Styrene	104	16.034	16.034	0.000	97	1597846	15.0	15.6	
80 Bromoform	173	16.333	16.327	0.006	94	957570	15.0	16.7	
81 Isopropylbenzene	105	16.423	16.418	0.005	97	2839416	15.0	15.2	
83 1,1,2,2-Tetrachloroethane	83	16.829	16.829	0.000	97	1646212	15.0	15.3	
84 N-Propylbenzene	91	16.898	16.898	0.000	98	3800312	15.0	15.5	
85 1,2,3-Trichloropropane	75	16.914	16.914	0.000	98	1358645	15.0	15.2	
86 n-Decane	57	16.962	16.962	0.000	84	2240096	15.0	15.3	
87 4-Ethyltoluene	105	17.026	17.021	0.005	98	2865869	15.0	15.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.069	17.064	0.005	97	2474164	15.0	15.2	
89 1,3,5-Trimethylbenzene	105	17.090	17.091	-0.001	92	2384545	15.0	15.4	
90 Alpha Methyl Styrene	118	17.363	17.363	0.000	86	1143320	15.0	15.7	
91 tert-Butylbenzene	119	17.469	17.464	0.005	91	2104490	15.0	15.2	
92 1,2,4-Trimethylbenzene	105	17.539	17.539	0.000	98	2340214	15.0	15.3	
93 sec-Butylbenzene	105	17.726	17.726	0.000	99	3457745	15.0	15.3	
94 4-Isopropyltoluene	119	17.880	17.875	0.005	97	2738960	15.0	15.3	
95 1,3-Dichlorobenzene	146	17.960	17.955	0.005	98	1368273	15.0	15.5	
96 1,4-Dichlorobenzene	146	18.072	18.067	0.005	92	1346684	15.0	15.5	
97 Benzyl chloride	91	18.222	18.222	0.000	97	2112982	15.0	15.7	
98 Undecane	57	18.350	18.345	0.005	95	2199329	15.0	14.7	
99 n-Butylbenzene	91	18.387	18.387	0.000	98	2809163	15.0	15.3	
100 1,2-Dichlorobenzene	146	18.558	18.558	0.000	95	1276640	15.0	15.3	
102 Dodecane	57	19.812	19.807	0.005	93	2044207	15.0	16.0	
103 1,2,4-Trichlorobenzene	180	20.933	20.933	0.000	93	815306	15.0	15.1	
104 Hexachlorobutadiene	225	21.098	21.099	-0.001	97	837535	15.0	14.6	
105 Naphthalene	128	21.419	21.419	0.000	99	1946937	15.0	14.4	
106 1,2,3-Trichlorobenzene	180	21.899	21.899	0.000	95	779230	15.0	15.5	

Reagents:

ATTO15CAL5w_00065

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_08.D

Injection Date: 25-Jan-2017 23:24:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: ic

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

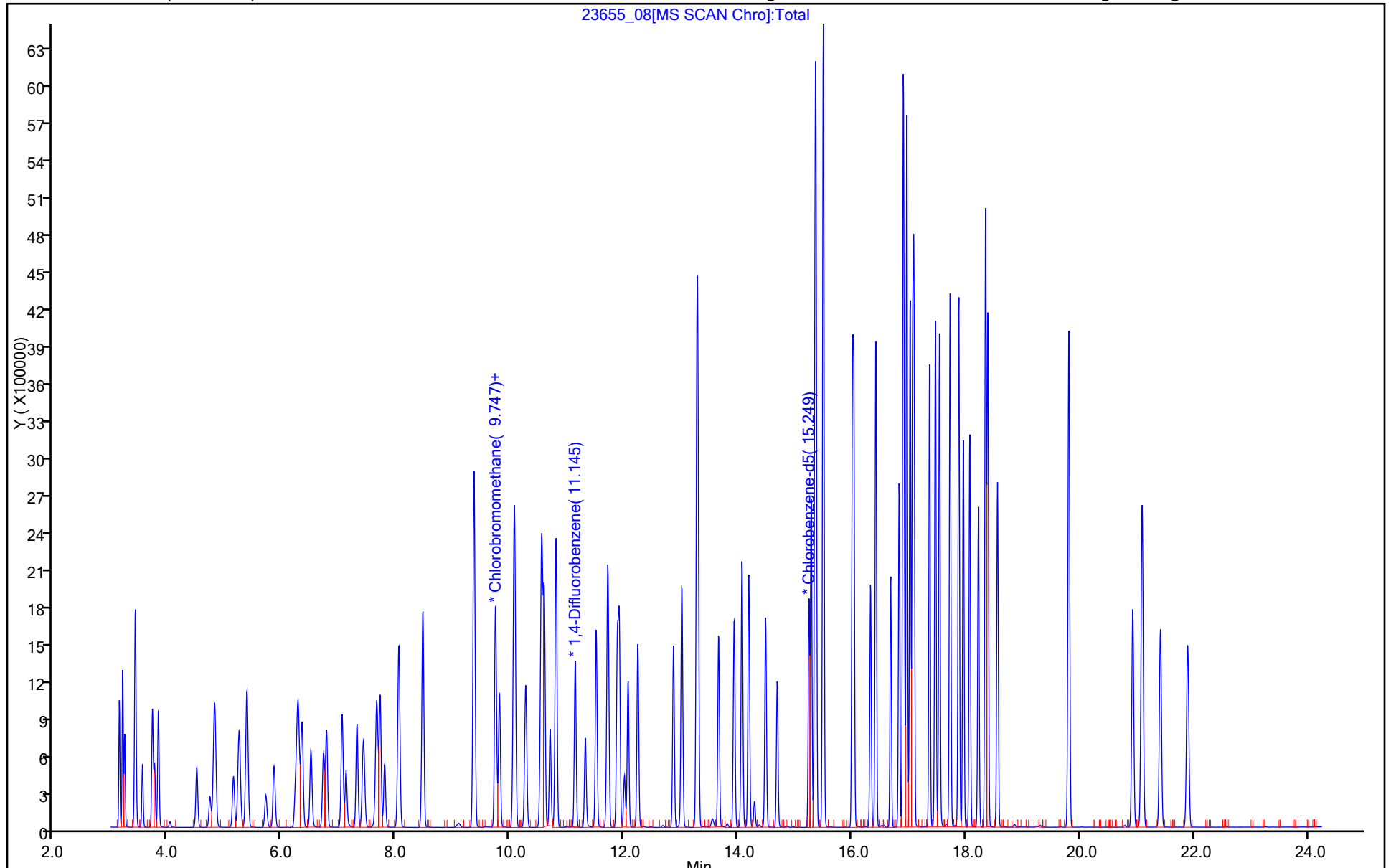
ALS Bottle#: 7

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_09.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 26-Jan-2017 00:17:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-009
 Misc. Info.: ic-07
 Operator ID: pad Instrument ID: CHB.i
 Sublist: chrom-TO15_LLNJ_TO3*sub5
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:45 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 08:56:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.140	3.140	0.000	97	666321	20.0	19.0	
2 Dichlorodifluoromethane	85	3.198	3.199	-0.001	99	1546416	20.0	18.2	
3 Chlorodifluoromethane	51	3.230	3.236	-0.006	97	1149337	20.0	18.2	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.417	3.417	0.000	94	1574431	20.0	18.8	
5 Chloromethane	50	3.545	3.545	0.000	99	761732	20.0	18.5	
6 Butane	43	3.721	3.722	-0.001	99	1404784	20.0	18.5	
7 Vinyl chloride	62	3.759	3.759	0.000	98	808682	20.0	18.5	
8 Butadiene	54	3.823	3.823	0.000	97	654514	20.0	18.1	
10 Bromomethane	94	4.501	4.495	0.006	99	640191	20.0	19.3	
9 BFB									
11 Chloroethane	64	4.730	4.730	0.000	100	465892	20.0	19.2	
12 2-Methylbutane	43	4.810	4.810	0.000	96	1165340	20.0	18.1	
13 Vinyl bromide	106	5.141	5.141	0.000	99	633258	20.0	19.5	
14 Trichlorofluoromethane	101	5.243	5.243	-0.001	98	1591108	20.0	18.6	
15 Pentane	43	5.381	5.376	0.005	96	1793875	20.0	18.5	
16 Ethanol	45	5.717	5.707	0.010	98	896119	40.0	35.3	
17 Ethyl ether	59	5.856	5.856	0.000	92	608477	20.0	19.2	
18 Acrolein	56	6.230	6.230	0.000	95	286746	20.0	17.9	
19 1,1,2-Trichloro-1,2,2-trif	101	6.278	6.273	0.005	93	1227506	20.0	19.2	
20 1,1-Dichloroethene	96	6.347	6.347	0.000	92	635592	20.0	19.1	
21 Acetone	43	6.502	6.502	0.000	98	1453326	20.0	16.7	
22 Isopropyl alcohol	45	6.732	6.721	0.011	99	1671405	20.0	19.7	
23 Carbon disulfide	76	6.780	6.774	0.006	99	2022571	20.0	19.1	
24 3-Chloro-1-propene	41	7.052	7.046	0.006	91	1392541	20.0	18.6	
26 Acetonitrile	41	7.121	7.116	0.005	99	854870	20.0	19.0	
27 Methylene Chloride	49	7.313	7.308	0.005	97	1060550	20.0	17.9	
28 2-Methyl-2-propanol	59	7.431	7.425	0.006	94	1816139	20.0	19.3	
29 Methyl tert-butyl ether	73	7.660	7.655	0.005	98	2217235	20.0	18.9	
30 trans-1,2-Dichloroethene	61	7.719	7.719	0.000	94	1205747	20.0	19.0	
31 Acrylonitrile	53	7.799	7.794	0.005	95	725002	20.0	18.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.044	8.044	0.000	96	1417950	20.0	19.0	
33 1,1-Dichloroethane	63	8.466	8.461	0.005	99	1545661	20.0	18.3	
34 Vinyl acetate	43	8.471	8.466	0.005	100	2824699	20.0	19.3	
36 2-Butanone (MEK)	72	9.363	9.357	0.006	100	439064	20.0	18.9	
37 cis-1,2-Dichloroethene	96	9.373	9.368	0.005	92	754423	20.0	19.3	
35 Ethyl acetate	88	9.373	9.368	0.005	93	66284	20.0	19.9	
* 39 Chlorobromomethane	128	9.742	9.736	0.006	91	257528	10.0	10.0	
38 Tetrahydrofuran	42	9.747	9.747	0.000	95	1309701	20.0	20.1	
40 Chloroform	83	9.816	9.811	0.005	97	1487316	20.0	18.8	
S 41 1,2-Dichloroethene, Total	61				0		40.0	38.3	
42 1,1,1-Trichloroethane	97	10.072	10.067	0.005	96	1418070	20.0	19.9	
43 Cyclohexane	84	10.083	10.078	0.005	93	1088134	20.0	20.4	
44 Carbon tetrachloride	117	10.275	10.270	0.005	98	1386052	20.0	19.9	
45 Isooctane	57	10.558	10.553	0.005	99	4915445	20.0	20.3	
46 Benzene	78	10.601	10.601	0.000	97	2555793	20.0	20.2	
47 1,2-Dichloroethane	62	10.708	10.702	0.006	96	1034263	20.0	19.4	
48 n-Heptane	43	10.809	10.804	0.005	97	2131188	20.0	19.6	
A 49 GRO	1	10.886	(4.800-16.972)		0	342032602	20.0	0	
* 50 1,4-Difluorobenzene	114	11.145	11.140	0.005	97	1289693	10.0	10.0	
51 n-Butanol	56	11.321	11.321	0.000	93	653750	20.0	20.3	
53 Trichloroethene	95	11.513	11.508	0.005	94	968124	20.0	19.2	
54 1,2-Dichloropropane	63	11.887	11.882	0.005	93	1093848	20.0	20.3	
55 Methyl methacrylate	69	11.919	11.919	0.000	92	986570	20.0	20.0	
56 1,4-Dioxane	88	12.010	12.004	0.006	98	437578	20.0	20.2	
57 Dibromomethane	174	12.074	12.068	0.006	93	819250	20.0	22.1	
58 Dichlorobromomethane	83	12.245	12.239	0.006	97	1690782	20.0	20.0	
A 59 TVOC as Toluene	1	12.519	(3.130-21.909)		0	545068725	20.0	0	
60 cis-1,3-Dichloropropene	75	12.869	12.869	0.000	96	1449194	20.0	20.4	
61 4-Methyl-2-pentanone (MIBK)	43	13.018	13.013	0.005	97	2685472	20.0	19.4	
63 n-Octane	43	13.280	13.280	0.000	97	3082146	20.0	19.8	
64 Toluene	92	13.301	13.296	0.005	93	1743225	20.0	20.4	
66 trans-1,3-Dichloropropene	75	13.664	13.659	0.005	98	1446081	20.0	20.3	
67 1,1,2-Trichloroethane	83	13.936	13.931	0.005	97	879403	20.0	20.2	
68 Tetrachloroethene	166	14.075	14.070	0.005	95	1125217	20.0	20.0	
69 2-Hexanone	43	14.193	14.187	0.005	90	2542579	20.0	18.5	
70 Chlorodibromomethane	129	14.486	14.486	0.000	98	1411068	20.0	19.9	
71 Ethylene Dibromide	107	14.689	14.689	0.000	98	1396424	20.0	20.5	
* 72 Chlorobenzene-d5	117	15.249	15.249	0.000	91	1115845	10.0	10.0	
73 Chlorobenzene	112	15.287	15.287	0.000	90	2121831	20.0	20.4	
74 Ethylbenzene	91	15.356	15.351	0.005	99	3927592	20.0	20.5	
75 n-Nonane	57	15.372	15.367	0.005	97	2502979	20.0	20.3	
76 m-Xylene & p-Xylene	106	15.500	15.500	0.000	0	2926559	40.0	41.8	
S 77 Xylenes, Total	106				0		60.0	62.5	
78 o-Xylene	106	16.012	16.007	0.005	97	1420737	20.0	20.7	
79 Styrene	104	16.034	16.034	0.000	99	2309400	20.0	21.0	
80 Bromoform	173	16.327	16.327	0.000	95	1091877	20.0	17.8	
81 Isopropylbenzene	105	16.423	16.418	0.005	97	4097098	20.0	20.4	
83 1,1,2,2-Tetrachloroethane	83	16.829	16.829	0.000	97	2380687	20.0	20.7	
84 N-Propylbenzene	91	16.904	16.898	0.006	98	5484534	20.0	20.8	
85 1,2,3-Trichloropropane	75	16.914	16.914	0.000	98	1936938	20.0	20.2	
86 n-Decane	57	16.968	16.962	0.006	85	3144229	20.0	20.0	
87 4-Ethyltoluene	105	17.026	17.021	0.005	98	4103085	20.0	20.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.069	17.064	0.005	97	3584080	20.0	20.6	
89 1,3,5-Trimethylbenzene	105	17.090	17.091	-0.001	92	3421391	20.0	20.6	
90 Alpha Methyl Styrene	118	17.363	17.363	0.000	85	1632705	20.0	20.9	
91 tert-Butylbenzene	119	17.469	17.464	0.005	92	3045884	20.0	20.5	
92 1,2,4-Trimethylbenzene	105	17.539	17.539	0.000	99	3361980	20.0	20.5	
93 sec-Butylbenzene	105	17.726	17.726	0.000	99	4954367	20.0	20.4	
94 4-Isopropyltoluene	119	17.880	17.875	0.005	97	3873010	20.0	20.2	
95 1,3-Dichlorobenzene	146	17.960	17.955	0.005	98	2004185	20.0	21.1	
96 1,4-Dichlorobenzene	146	18.072	18.067	0.005	96	1974118	20.0	21.2	
97 Benzyl chloride	91	18.222	18.222	0.000	98	3027696	20.0	20.9	
98 Undecane	57	18.350	18.345	0.005	96	3130726	20.0	19.5	
99 n-Butylbenzene	91	18.387	18.387	0.000	98	3892443	20.0	19.7	
100 1,2-Dichlorobenzene	146	18.558	18.558	0.000	94	1846080	20.0	20.6	
102 Dodecane	57	19.812	19.807	0.005	95	2946425	20.0	21.5	
103 1,2,4-Trichlorobenzene	180	20.933	20.933	0.000	93	1309627	20.0	22.6	
104 Hexachlorobutadiene	225	21.098	21.099	-0.001	97	1199698	20.0	19.5	
105 Naphthalene	128	21.419	21.419	0.000	98	3418557	20.0	23.6	
106 1,2,3-Trichlorobenzene	180	21.899	21.899	0.000	94	1240271	20.0	23.0	

Reagents:

ATTO15CAL6w_00136

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_09.D

Injection Date: 26-Jan-2017 00:17:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: ic

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

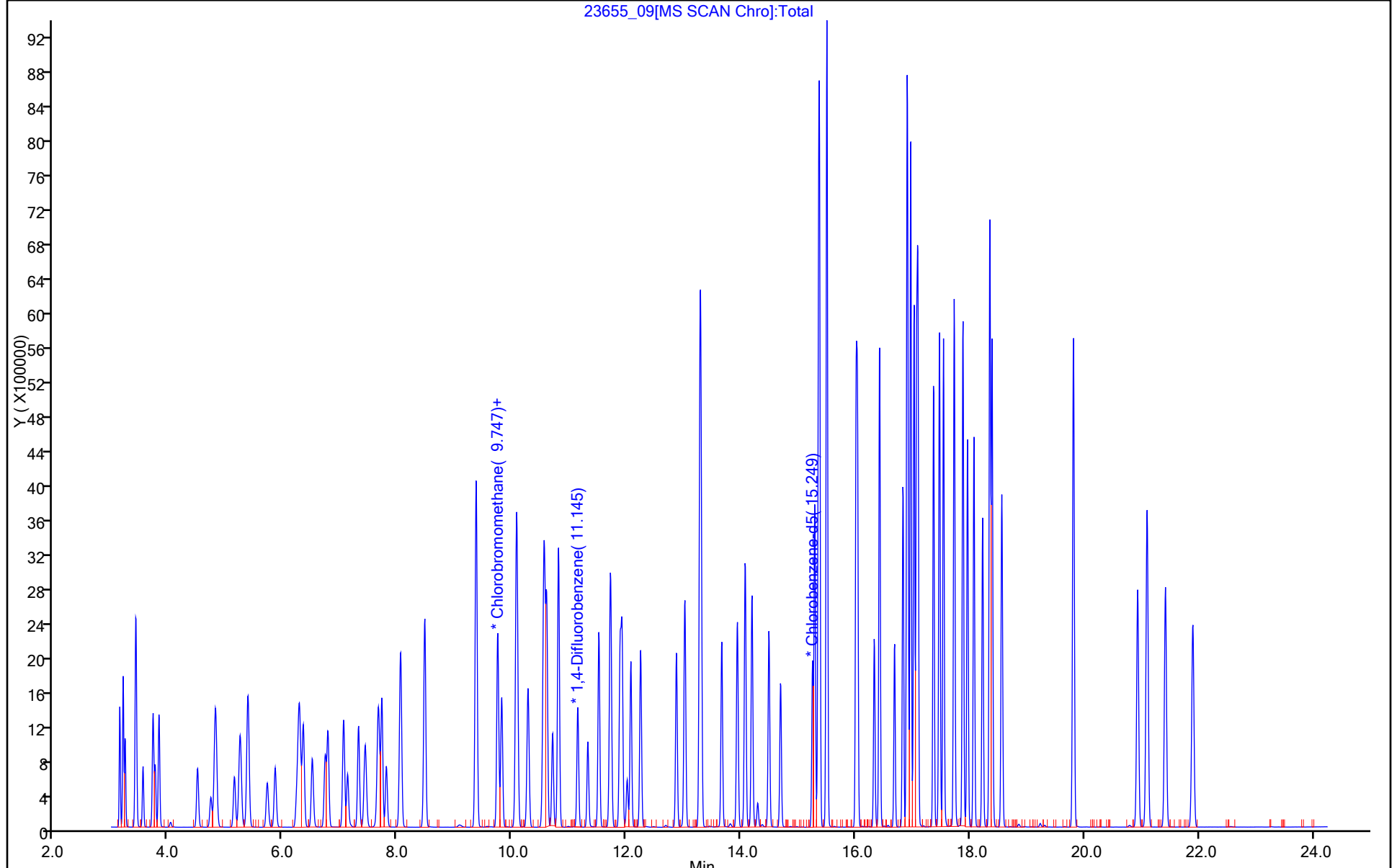
ALS Bottle#: 8

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 26-Jan-2017 01:10:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-010
 Misc. Info.: ic-08
 Operator ID: pad Instrument ID: CHB.i
 Sublist: chrom-TO15_LLNJ_TO3*sub5
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:46 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 08:57:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.145	3.140	0.005	97	1308569	40.0	36.7	
2 Dichlorodifluoromethane	85	3.204	3.199	0.005	99	3116393	40.0	36.2	
3 Chlorodifluoromethane	51	3.236	3.236	0.000	97	2281238	40.0	35.6	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.423	3.417	0.006	95	3234266	40.0	38.0	
5 Chloromethane	50	3.551	3.545	0.006	99	1526366	40.0	36.4	
6 Butane	43	3.727	3.722	0.005	99	2792920	40.0	36.1	
7 Vinyl chloride	62	3.764	3.759	0.005	98	1641896	40.0	36.9	
8 Butadiene	54	3.828	3.823	0.005	97	1330823	40.0	36.2	
9 BFB									
10 Bromomethane	94	4.506	4.495	0.011	99	1325658	40.0	39.4	
11 Chloroethane	64	4.735	4.730	0.005	100	954475	40.0	38.6	
12 2-Methylbutane	43	4.821	4.810	0.011	96	2362279	40.0	36.0	
13 Vinyl bromide	106	5.152	5.141	0.011	99	1330629	40.0	40.3	
14 Trichlorofluoromethane	101	5.248	5.243	0.005	99	3262524	40.0	37.5	
15 Pentane	43	5.387	5.376	0.011	95	3659858	40.0	37.1	
16 Ethanol	45	5.733	5.707	0.026	98	2147292	100.0	83.2	
17 Ethyl ether	59	5.862	5.856	0.006	92	1245836	40.0	38.7	
18 Acrolein	56	6.235	6.230	0.005	96	688291	40.0	42.2	
19 1,1,2-Trichloro-1,2,2-trif	101	6.283	6.273	0.010	96	2588673	40.0	39.7	
20 1,1-Dichloroethene	96	6.353	6.347	0.006	93	1336701	40.0	39.6	
21 Acetone	43	6.513	6.502	0.011	98	2858781	40.0	32.2	
22 Isopropyl alcohol	45	6.747	6.721	0.026	99	3290225	40.0	38.2	
23 Carbon disulfide	76	6.785	6.774	0.011	99	4208493	40.0	39.1	
24 3-Chloro-1-propene	41	7.057	7.046	0.011	90	2878170	40.0	37.8	
26 Acetonitrile	41	7.132	7.116	0.016	100	1742831	40.0	38.1	
27 Methylene Chloride	49	7.319	7.308	0.011	98	2147319	40.0	35.7	
28 2-Methyl-2-propanol	59	7.447	7.425	0.022	94	3711294	40.0	38.8	
29 Methyl tert-butyl ether	73	7.665	7.655	0.010	98	4578825	40.0	38.4	
30 trans-1,2-Dichloroethene	61	7.724	7.719	0.005	95	2490565	40.0	38.6	
31 Acrylonitrile	53	7.804	7.794	0.010	95	1505060	40.0	38.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.055	8.044	0.011	96	2920169	40.0	38.5	
33 1,1-Dichloroethane	63	8.471	8.461	0.010	99	3185959	40.0	37.1	
34 Vinyl acetate	43	8.482	8.466	0.016	100	5745224	40.0	38.5	
36 2-Butanone (MEK)	72	9.368	9.357	0.011	99	919817	40.0	39.0	
35 Ethyl acetate	88	9.379	9.368	0.011	93	138334	40.0	40.9	
37 cis-1,2-Dichloroethene	96	9.379	9.368	0.011	93	1594511	40.0	40.2	
* 39 Chlorobromomethane	128	9.747	9.736	0.011	91	261892	10.0	10.0	
38 Tetrahydrofuran	42	9.752	9.747	0.005	96	2664398	40.0	39.0	
40 Chloroform	83	9.822	9.811	0.011	96	3074208	40.0	38.2	
S 41 1,2-Dichloroethene, Total	61				0		80.0	78.8	
42 1,1,1-Trichloroethane	97	10.078	10.067	0.011	96	2947937	40.0	39.5	
43 Cyclohexane	84	10.083	10.078	0.005	96	2315287	40.0	41.5	
44 Carbon tetrachloride	117	10.281	10.270	0.010	98	2881979	40.0	39.6	
45 Isooctane	57	10.563	10.553	0.010	99	10228561	40.0	40.5	
46 Benzene	78	10.606	10.601	0.005	97	5362910	40.0	40.6	
47 1,2-Dichloroethane	62	10.707	10.702	0.005	95	2088761	40.0	37.4	
48 n-Heptane	43	10.814	10.804	0.010	97	4347320	40.0	38.2	
A 49 GRO	1	10.886	(4.800-16.972)		0	693404811	40.0	0	
* 50 1,4-Difluorobenzene	114	11.150	11.140	0.010	97	1348795	10.0	10.0	
51 n-Butanol	56	11.332	11.321	0.011	91	1373508	40.0	40.7	
53 Trichloroethene	95	11.519	11.508	0.011	95	2050782	40.0	38.9	
54 1,2-Dichloropropane	63	11.892	11.882	0.010	94	2269825	40.0	40.4	
55 Methyl methacrylate	69	11.924	11.919	0.005	92	2120843	40.0	41.2	
56 1,4-Dioxane	88	12.015	12.004	0.011	98	937604	40.0	41.3	
57 Dibromomethane	174	12.079	12.068	0.011	94	1598636	40.0	41.3	
58 Dichlorobromomethane	83	12.250	12.239	0.011	98	3558599	40.0	40.3	
A 59 TVOC as Toluene	1	12.519	(3.130-21.909)		0	1117991901	40.0	0	
60 cis-1,3-Dichloropropene	75	12.874	12.869	0.005	95	3053224	40.0	41.1	
61 4-Methyl-2-pentanone (MIBK)	43	13.024	13.013	0.011	97	5628512	40.0	38.8	
63 n-Octane	43	13.285	13.280	0.005	97	6296705	40.0	38.7	
64 Toluene	92	13.307	13.296	0.011	97	3715610	40.0	41.7	
66 trans-1,3-Dichloropropene	75	13.664	13.659	0.005	98	3037267	40.0	40.7	
67 1,1,2-Trichloroethane	83	13.936	13.931	0.005	96	1867583	40.0	41.0	
68 Tetrachloroethene	166	14.075	14.070	0.005	96	2478800	40.0	42.3	
69 2-Hexanone	43	14.192	14.187	0.005	90	5499804	40.0	38.4	
70 Chlorodibromomethane	129	14.491	14.486	0.005	98	3242941	40.0	43.9	
71 Ethylene Dibromide	107	14.694	14.689	0.005	98	2984211	40.0	42.1	
* 72 Chlorobenzene-d5	117	15.249	15.249	0.000	90	1164101	10.0	10.0	
73 Chlorobenzene	112	15.292	15.287	0.005	91	4548863	40.0	42.0	
74 Ethylbenzene	91	15.356	15.351	0.005	99	8359235	40.0	41.9	
75 n-Nonane	57	15.372	15.367	0.005	97	5263935	40.0	40.9	
76 m-Xylene & p-Xylene	106	15.505	15.500	0.005	0	6370188	80.0	87.2	
S 77 Xylenes, Total	106				0		120.0	130.1	
78 o-Xylene	106	16.018	16.007	0.011	98	3065944	40.0	42.9	
79 Styrene	104	16.039	16.034	0.005	98	5043046	40.0	43.9	
80 Bromoform	173	16.333	16.327	0.006	96	3204039	40.0	50.0	
81 Isopropylbenzene	105	16.423	16.418	0.005	97	8734559	40.0	41.7	
83 1,1,2,2-Tetrachloroethane	83	16.834	16.829	0.005	97	5041668	40.0	42.0	
84 N-Propylbenzene	91	16.904	16.898	0.006	98	11396444	40.0	41.4	
85 1,2,3-Trichloropropane	75	16.920	16.914	0.006	99	4136291	40.0	41.4	
86 n-Decane	57	16.968	16.962	0.006	85	6500579	40.0	39.6	
87 4-Ethyltoluene	105	17.026	17.021	0.005	98	8569652	40.0	41.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.069	17.064	0.005	96	7637065	40.0	42.0	
89 1,3,5-Trimethylbenzene	105	17.096	17.091	0.005	92	7267076	40.0	42.0	
90 Alpha Methyl Styrene	118	17.368	17.363	0.005	86	3435496	40.0	42.1	
91 tert-Butylbenzene	119	17.475	17.464	0.011	93	6370606	40.0	41.1	
92 1,2,4-Trimethylbenzene	105	17.544	17.539	0.005	98	6964262	40.0	40.7	
93 sec-Butylbenzene	105	17.731	17.726	0.005	99	10284224	40.0	40.7	
94 4-Isopropyltoluene	119	17.880	17.875	0.005	97	8430066	40.0	42.1	
95 1,3-Dichlorobenzene	146	17.966	17.955	0.011	98	4199419	40.0	42.4	
96 1,4-Dichlorobenzene	146	18.072	18.067	0.005	92	4174486	40.0	43.0	
97 Benzyl chloride	91	18.227	18.222	0.005	98	6390156	40.0	42.3	
98 Undecane	57	18.350	18.345	0.005	97	7197327	40.0	43.0	
99 n-Butylbenzene	91	18.393	18.387	0.006	98	8692003	40.0	42.2	
100 1,2-Dichlorobenzene	146	18.563	18.558	0.005	94	3937496	40.0	42.2	
102 Dodecane	57	19.812	19.807	0.005	94	5740710	40.0	40.1	
103 1,2,4-Trichlorobenzene	180	20.938	20.933	0.005	93	2957081	40.0	48.9	
104 Hexachlorobutadiene	225	21.104	21.099	0.005	97	2697143	40.0	42.0	
105 Naphthalene	128	21.419	21.419	0.000	99	7163682	40.0	47.4	
106 1,2,3-Trichlorobenzene	180	21.899	21.899	0.000	95	2612018	40.0	46.3	

Reagents:

ATTO15CAL7w_00067

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D

Injection Date: 26-Jan-2017 01:10:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: ic

Worklist Smp#: 10

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

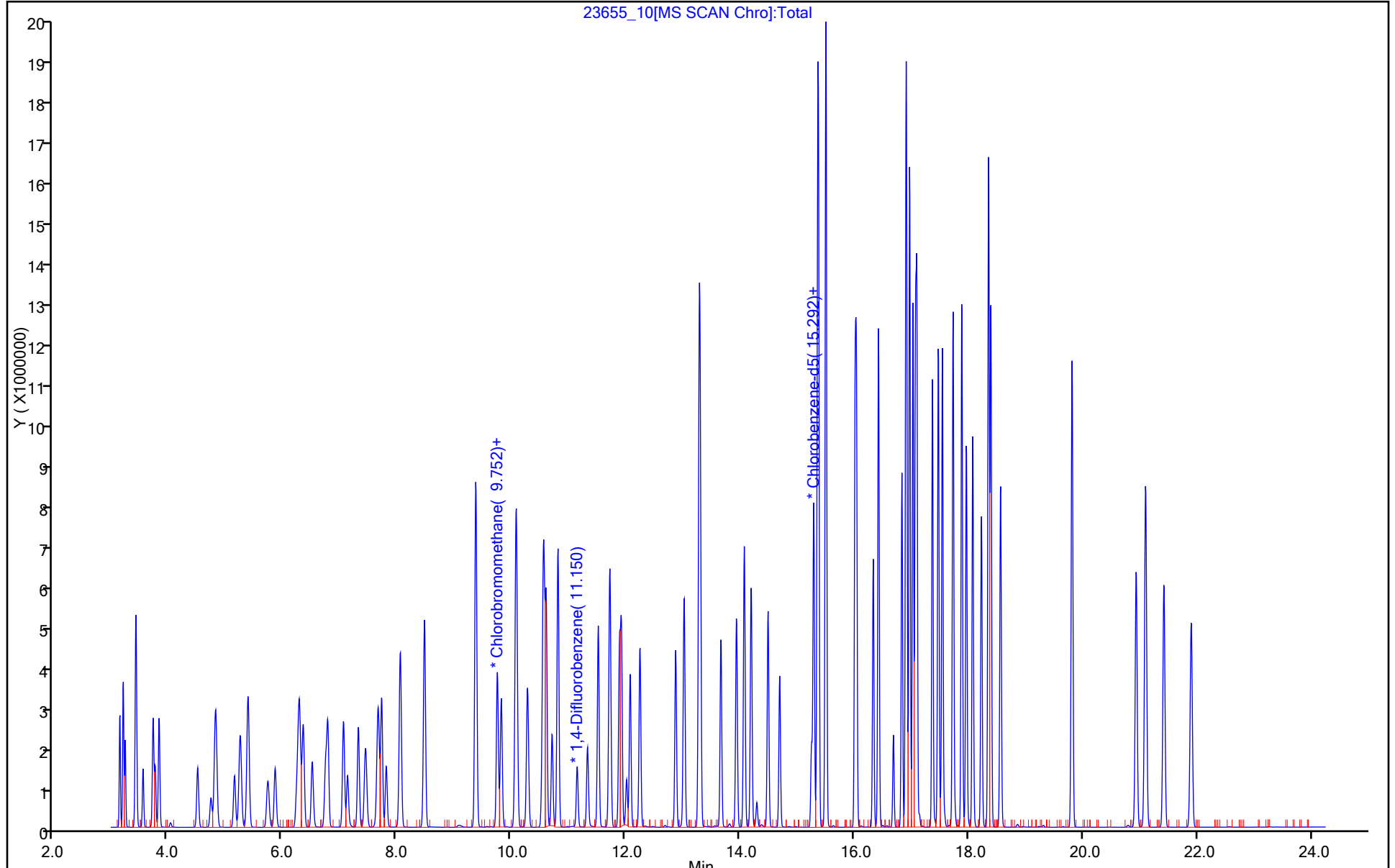
ALS Bottle#: 9

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Lab Sample ID: ICV 200-113539/14 Calibration Date: 01/26/2017 04:42
 Instrument ID: CHB.i Calib Start Date: 01/25/2017 19:00
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/26/2017 01:10
 Lab File ID: 23655_14.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.363	1.174		8.61	10.0	-13.9	30.0
Dichlorodifluoromethane	Ave	3.291	2.911		8.84	10.0	-11.5	30.0
Freon 22	Ave	2.450	2.115		8.63	10.0	-13.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.246	3.375		10.4	10.0	4.0	30.0
Chloromethane	Ave	1.603	1.379		8.60	10.0	-13.9	30.0
n-Butane	Ave	2.954	2.541		8.60	10.0	-14.0	30.0
Vinyl chloride	Ave	1.698	1.490		8.77	10.0	-12.3	30.0
1,3-Butadiene	Ave	1.405	1.188		8.46	10.0	-15.4	30.0
Bromomethane	Ave	1.285	1.253		9.74	10.0	-2.6	30.0
Chloroethane	Ave	0.9438	0.8845		9.37	10.0	-6.3	30.0
Isopentane	Ave	2.505	2.372		9.47	10.0	-5.3	30.0
Bromoethene (Vinyl Bromide)	Ave	1.261	1.240		9.84	10.0	-1.6	30.0
Trichlorofluoromethane	Ave	3.323	3.034		9.13	10.0	-8.7	30.0
n-Pentane	Ave	3.765	3.690		9.80	10.0	-2.0	30.0
Ethanol	Ave	0.9854	0.9155		13.9	15.0	-7.1	30.0
Ethyl ether	Ave	1.229	1.291		10.5	10.0	5.0	30.0
Acrolein	Ave	0.6231	0.7497		12.0	10.0	20.3	30.0
Freon TF	Ave	2.488	2.425		9.75	10.0	-2.5	30.0
1,1-Dichloroethene	Ave	1.289	1.235		9.58	10.0	-4.2	30.0
Acetone	Ave	3.386	2.694		7.95	10.0	-20.4	30.0
Isopropyl alcohol	Ave	3.287	2.717		8.26	10.0	-17.3	30.0
Carbon disulfide	Ave	4.112	4.531		11.0	10.0	10.2	30.0
3-Chloropropene	Ave	2.910	2.478		8.51	10.0	-14.8	30.0
Acetonitrile	Ave	1.748	1.748		9.99	10.0	-0.0	30.0
Methylene Chloride	Ave	2.298	1.999		8.70	10.0	-13.0	30.0
tert-Butyl alcohol	Ave	3.651	3.261		8.93	10.0	-10.7	30.0
Methyl tert-butyl ether	Ave	4.559	4.255		9.33	10.0	-6.7	30.0
trans-1,2-Dichloroethene	Ave	2.466	2.421		9.82	10.0	-1.8	30.0
Acrylonitrile	Ave	1.497	1.452		9.69	10.0	-3.0	30.0
n-Hexane	Ave	2.899	2.890		9.97	10.0	-0.3	30.0
1,1-Dichloroethane	Ave	3.276	2.981		9.10	10.0	-9.0	30.0
Vinyl acetate	Ave	5.694	5.419		9.51	10.0	-4.8	30.0
Methyl Ethyl Ketone	Ave	0.9011	0.8502		9.43	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	1.515	1.441		9.51	10.0	-4.9	30.0
Ethyl acetate	Ave	0.1292	0.1379		10.7	10.0	6.7	30.0
Tetrahydrofuran	Ave	0.5062	0.4703		9.29	10.0	-7.1	30.0
Chloroform	Ave	3.074	2.872		9.34	10.0	-6.6	30.0
1,1,1-Trichloroethane	Ave	0.5526	0.5134		9.29	10.0	-7.1	30.0
Cyclohexane	Ave	0.4132	0.3969		9.60	10.0	-3.9	30.0
Carbon tetrachloride	Ave	0.5396	0.4967		9.20	10.0	-8.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Lab Sample ID: ICV 200-113539/14 Calibration Date: 01/26/2017 04:42
 Instrument ID: CHB.i Calib Start Date: 01/25/2017 19:00
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/26/2017 01:10
 Lab File ID: 23655_14.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.873	1.720		9.18	10.0	-8.2	30.0
Benzene	Ave	0.9794	0.9236		9.43	10.0	-5.7	30.0
1,2-Dichloroethane	Ave	0.4138	0.3640		8.79	10.0	-12.0	30.0
n-Heptane	Ave	0.8431	0.7406		8.78	10.0	-12.2	30.0
n-Butanol	Ave	0.2499	0.2470		9.88	10.0	-1.2	30.0
Trichloroethene	Ave	0.3904	0.3513		9.00	10.0	-10.0	30.0
1,2-Dichloropropane	Ave	0.4171	0.3864		9.26	10.0	-7.3	30.0
Methyl methacrylate	Ave	0.3816	0.3662		9.59	10.0	-4.0	30.0
1,4-Dioxane	Ave	0.1684	0.1573		9.34	10.0	-6.6	30.0
Dibromomethane	Ave	0.2870	0.2691		9.37	10.0	-6.2	30.0
Bromodichloromethane	Ave	0.6544	0.5992		9.15	10.0	-8.4	30.0
cis-1,3-Dichloropropene	Ave	0.5505	0.5238		9.51	10.0	-4.8	30.0
Methyl isobutyl ketone	Ave	1.076	0.9349		8.69	10.0	-13.1	30.0
n-Octane	Ave	1.205	1.058		8.78	10.0	-12.2	30.0
Toluene	Ave	0.7663	0.7230		9.43	10.0	-5.6	30.0
trans-1,3-Dichloropropene	Ave	0.5534	0.5146		9.30	10.0	-7.0	30.0
1,1,2-Trichloroethane	Ave	0.3911	0.3684		9.42	10.0	-5.8	30.0
Tetrachloroethene	Ave	0.5037	0.4762		9.45	10.0	-5.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.229	1.050		8.54	10.0	-14.6	30.0
Dibromochloromethane	Ave	0.6350	0.5906		9.30	10.0	-7.0	30.0
1,2-Dibromoethane	Ave	0.6092	0.5845		9.59	10.0	-4.1	30.0
Chlorobenzene	Ave	0.9299	0.8867		9.53	10.0	-4.6	30.0
Ethylbenzene	Ave	1.715	1.590		9.27	10.0	-7.3	30.0
n-Nonane	Ave	1.106	0.9873		8.92	10.0	-10.7	30.0
m,p-Xylene	Ave	0.6275	0.5893		18.8	20.0	-6.1	30.0
Xylene, o-	Ave	0.6141	0.5652		9.20	10.0	-8.0	30.0
Styrene	Ave	0.9875	0.9241		9.36	10.0	-6.4	30.0
Bromoform	Ave	0.5506	0.5308		9.64	10.0	-3.6	30.0
Cumene	Ave	1.799	1.648		9.16	10.0	-8.4	30.0
1,1,2,2-Tetrachloroethane	Ave	1.032	0.9669		9.37	10.0	-6.3	30.0
n-Propylbenzene	Ave	2.362	2.158		9.14	10.0	-8.6	30.0
1,2,3-Trichloropropane	Ave	0.8584	0.7552		8.80	10.0	-12.0	30.0
n-Decane	Ave	1.410	1.250		8.87	10.0	-11.3	30.0
4-Ethyltoluene	Ave	1.783	1.690		9.48	10.0	-5.2	30.0
2-Chlorotoluene	Ave	1.562	1.401		8.97	10.0	-10.3	30.0
1,3,5-Trimethylbenzene	Ave	1.487	1.361		9.15	10.0	-8.5	30.0
Alpha Methyl Styrene	Ave	0.7012	0.6686		9.53	10.0	-4.7	30.0
tert-Butylbenzene	Ave	1.333	1.226		9.19	10.0	-8.0	30.0
1,2,4-Trimethylbenzene	Ave	1.468	1.345		9.16	10.0	-8.4	30.0
sec-Butylbenzene	Ave	2.173	1.996		9.18	10.0	-8.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Lab Sample ID: ICV 200-113539/14 Calibration Date: 01/26/2017 04:42
 Instrument ID: CHB.i Calib Start Date: 01/25/2017 19:00
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/26/2017 01:10
 Lab File ID: 23655_14.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.719	1.589		9.24	10.0	-7.6	30.0
1,3-Dichlorobenzene	Ave	0.8517	0.8009		9.40	10.0	-6.0	30.0
1,4-Dichlorobenzene	Ave	0.8348	0.7805		9.35	10.0	-6.5	30.0
Benzyl chloride	Ave	1.298	1.147		8.84	10.0	-11.6	30.0
n-Undecane	Ave	1.437	1.232		8.58	10.0	-14.2	30.0
n-Butylbenzene	Ave	1.770	1.604		9.06	10.0	-9.4	30.0
1,2-Dichlorobenzene	Ave	0.8018	0.7540		9.40	10.0	-6.0	30.0
n-Dodecane	Ave	1.230	1.086		8.83	10.0	-11.7	30.0
1,2,4-Trichlorobenzene	Ave	0.5193	0.4293		8.26	10.0	-17.3	30.0
Hexachlorobutadiene	Ave	0.5514	0.4912		8.91	10.0	-10.9	30.0
Naphthalene	Ave	1.298	0.9460		7.29	10.0	-27.1	30.0
1,2,3-Trichlorobenzene	Ave	0.4842	0.4015		8.29	10.0	-17.1	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_14.D
 Lims ID: icv
 Client ID:
 Sample Type: ICV
 Inject. Date: 26-Jan-2017 04:42:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-014
 Misc. Info.: icv
 Operator ID: pad Instrument ID: CHB.i
 Sublist:
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:46 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 12:23:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.140	3.140	0.000	97	295805	10.0	8.61	
2 Dichlorodifluoromethane	85	3.198	3.199	-0.001	99	733492	10.0	8.84	
3 Chlorodifluoromethane	51	3.236	3.236	0.000	97	532920	10.0	8.63	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.423	3.417	0.006	97	850168	10.0	10.4	
5 Chloromethane	50	3.551	3.545	0.006	99	347448	10.0	8.60	
6 Butane	43	3.722	3.722	0.000	99	640154	10.0	8.60	
7 Vinyl chloride	62	3.759	3.759	0.000	98	375271	10.0	8.77	
8 Butadiene	54	3.828	3.823	0.005	98	299378	10.0	8.46	
10 Bromomethane	94	4.506	4.495	0.011	99	315582	10.0	9.74	
9 BFB									
11 Chloroethane	64	4.736	4.730	0.006	100	222831	10.0	9.37	
12 2-Methylbutane	43	4.816	4.810	0.006	95	597573	10.0	9.47	
13 Vinyl bromide	106	5.146	5.141	0.005	99	312454	10.0	9.84	
14 Trichlorofluoromethane	101	5.248	5.243	0.005	98	764487	10.0	9.13	
15 Pentane	43	5.381	5.376	0.005	96	929621	10.0	9.80	
16 Ethanol	45	5.712	5.707	0.005	98	346115	15.0	13.9	
17 Ethyl ether	59	5.856	5.856	0.000	93	325141	10.0	10.5	
18 Acrolein	56	6.230	6.230	0.000	95	188873	10.0	12.0	
19 1,1,2-Trichloro-1,2,2-trif	101	6.278	6.273	0.005	94	611009	10.0	9.75	
20 1,1-Dichloroethene	96	6.347	6.347	0.000	93	311197	10.0	9.58	
21 Acetone	43	6.507	6.502	0.005	98	678711	10.0	7.95	
22 Isopropyl alcohol	45	6.721	6.721	0.000	99	684455	10.0	8.26	
23 Carbon disulfide	76	6.780	6.774	0.006	99	1141555	10.0	11.0	
24 3-Chloro-1-propene	41	7.052	7.046	0.006	91	624347	10.0	8.51	
26 Acetonitrile	41	7.121	7.116	0.005	99	440272	10.0	10.0	
27 Methylene Chloride	49	7.313	7.308	0.005	98	503644	10.0	8.70	
28 2-Methyl-2-propanol	59	7.425	7.425	0.000	94	821520	10.0	8.93	
29 Methyl tert-butyl ether	73	7.660	7.655	0.005	98	1071973	10.0	9.33	
30 trans-1,2-Dichloroethene	61	7.719	7.719	0.000	95	610052	10.0	9.82	
31 Acrylonitrile	53	7.799	7.794	0.005	95	365703	10.0	9.69	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.044	8.044	0.000	96	727996	10.0	9.97	
33 1,1-Dichloroethane	63	8.466	8.461	0.005	99	751135	10.0	9.10	
34 Vinyl acetate	43	8.471	8.466	0.005	100	1365163	10.0	9.51	
36 2-Butanone (MEK)	72	9.357	9.357	0.000	100	214203	10.0	9.43	
37 cis-1,2-Dichloroethene	96	9.368	9.368	0.000	91	362927	10.0	9.51	
35 Ethyl acetate	88	9.373	9.368	0.005	93	34735	10.0	10.7	
* 39 Chlorobromomethane	128	9.736	9.736	0.000	94	251984	10.0	10.0	
38 Tetrahydrofuran	42	9.747	9.747	0.000	96	629955	10.0	9.29	
40 Chloroform	83	9.811	9.811	0.000	96	723618	10.0	9.34	
S 41 1,2-Dichloroethene, Total	61				0		20.0	19.3	
42 1,1,1-Trichloroethane	97	10.067	10.067	0.000	96	687745	10.0	9.29	
43 Cyclohexane	84	10.078	10.078	0.000	94	531692	10.0	9.60	
44 Carbon tetrachloride	117	10.275	10.270	0.005	98	665283	10.0	9.20	
45 Isooctane	57	10.553	10.553	0.000	99	2304265	10.0	9.18	
46 Benzene	78	10.601	10.601	0.000	97	1237139	10.0	9.43	
47 1,2-Dichloroethane	62	10.702	10.702	0.000	96	487531	10.0	8.79	
48 n-Heptane	43	10.804	10.804	0.000	97	992096	10.0	8.78	
A 49 GRO	1	10.886	(4.800-16.972)		0	160570039	10.0	0	
* 50 1,4-Difluorobenzene	114	11.145	11.140	0.005	96	1339803	10.0	10.0	
51 n-Butanol	56	11.321	11.321	0.000	92	330806	10.0	9.88	
53 Trichloroethene	95	11.508	11.508	0.000	95	470554	10.0	9.00	
54 1,2-Dichloropropane	63	11.882	11.882	0.000	94	517651	10.0	9.26	
55 Methyl methacrylate	69	11.914	11.919	-0.005	90	490511	10.0	9.59	
56 1,4-Dioxane	88	12.004	12.004	0.000	98	210696	10.0	9.34	
57 Dibromomethane	174	12.068	12.068	0.000	94	360439	10.0	9.37	
58 Dichlorobromomethane	83	12.239	12.239	0.000	98	802616	10.0	9.15	
A 59 TVOC as Toluene	1	12.519	(3.130-21.909)		0	252073357	10.0	0	
60 cis-1,3-Dichloropropene	75	12.869	12.869	0.000	92	701675	10.0	9.51	
61 4-Methyl-2-pentanone (MIBK)	43	13.013	13.013	0.000	97	1252318	10.0	8.69	
63 n-Octane	43	13.280	13.280	0.000	97	1417826	10.0	8.78	
64 Toluene	92	13.296	13.296	0.000	93	837795	10.0	9.43	
66 trans-1,3-Dichloropropene	75	13.659	13.659	0.000	98	689332	10.0	9.30	
67 1,1,2-Trichloroethane	83	13.931	13.931	0.000	97	426908	10.0	9.42	
68 Tetrachloroethene	166	14.070	14.070	0.000	96	551831	10.0	9.45	
69 2-Hexanone	43	14.193	14.187	0.006	91	1216707	10.0	8.54	
70 Chlorodibromomethane	129	14.486	14.486	0.000	98	684342	10.0	9.30	
71 Ethylene Dibromide	107	14.689	14.689	0.000	98	677266	10.0	9.59	
* 72 Chlorobenzene-d5	117	15.249	15.249	0.000	89	1158941	10.0	10.0	
73 Chlorobenzene	112	15.287	15.287	0.000	91	1027485	10.0	9.53	
74 Ethylbenzene	91	15.351	15.351	0.000	99	1842700	10.0	9.27	
75 n-Nonane	57	15.367	15.367	0.000	98	1143988	10.0	8.92	
76 m-Xylene & p-Xylene	106	15.500	15.500	0.000	0	1365705	20.0	18.8	
S 77 Xylenes, Total	106				0		30.0	28.0	
78 o-Xylene	106	16.012	16.007	0.005	96	654940	10.0	9.20	
79 Styrene	104	16.034	16.034	0.000	98	1070745	10.0	9.36	
80 Bromoform	173	16.327	16.327	0.000	95	615084	10.0	9.64	
81 Isopropylbenzene	105	16.418	16.418	0.000	97	1909904	10.0	9.16	
83 1,1,2,2-Tetrachloroethane	83	16.829	16.829	0.000	97	1120347	10.0	9.37	
84 N-Propylbenzene	91	16.898	16.898	0.000	98	2500678	10.0	9.14	
85 1,2,3-Trichloropropane	75	16.914	16.914	0.000	98	875028	10.0	8.80	
86 n-Decane	57	16.962	16.962	0.000	85	1448747	10.0	8.87	
87 4-Ethyltoluene	105	17.021	17.021	0.000	98	1957664	10.0	9.48	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.064	17.064	0.000	96	1623707	10.0	8.97	
89 1,3,5-Trimethylbenzene	105	17.090	17.091	-0.001	92	1576972	10.0	9.15	
90 Alpha Methyl Styrene	118	17.363	17.363	0.000	86	774705	10.0	9.53	
91 tert-Butylbenzene	119	17.464	17.464	0.000	92	1420439	10.0	9.19	
92 1,2,4-Trimethylbenzene	105	17.539	17.539	0.000	98	1557956	10.0	9.16	
93 sec-Butylbenzene	105	17.726	17.726	0.000	99	2312599	10.0	9.18	
94 4-Isopropyltoluene	119	17.875	17.875	0.000	97	1840783	10.0	9.24	
95 1,3-Dichlorobenzene	146	17.955	17.955	0.000	98	928032	10.0	9.40	
96 1,4-Dichlorobenzene	146	18.067	18.067	0.000	92	904403	10.0	9.35	
97 Benzyl chloride	91	18.222	18.222	0.000	98	1328821	10.0	8.84	
98 Undecane	57	18.345	18.345	0.000	96	1427981	10.0	8.58	
99 n-Butylbenzene	91	18.387	18.387	0.000	98	1858441	10.0	9.06	
100 1,2-Dichlorobenzene	146	18.558	18.558	0.000	94	873681	10.0	9.40	
102 Dodecane	57	19.807	19.807	0.000	93	1258285	10.0	8.83	
103 1,2,4-Trichlorobenzene	180	20.933	20.933	0.000	94	497384	10.0	8.26	
104 Hexachlorobutadiene	225	21.098	21.099	-0.001	97	569166	10.0	8.91	
105 Naphthalene	128	21.419	21.419	0.000	98	1096082	10.0	7.29	
106 1,2,3-Trichlorobenzene	180	21.894	21.899	-0.005	95	465186	10.0	8.29	

Reagents:

ATTO15LCSW_00657

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_14.D

Injection Date: 26-Jan-2017 04:42:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: icv

Worklist Smp#: 14

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

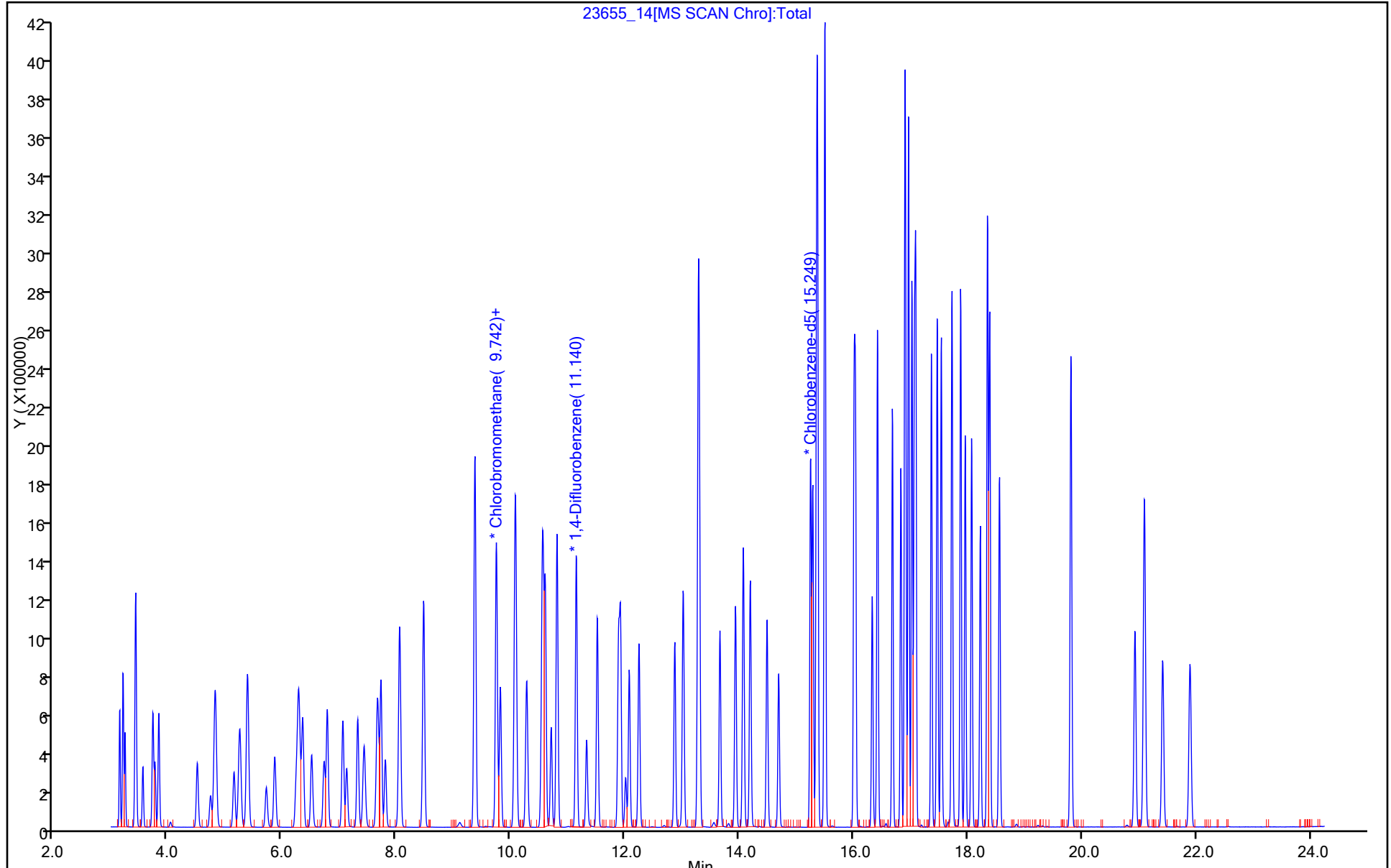
ALS Bottle#: 13

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-114478/2 Calibration Date: 02/28/2017 11:36
 Instrument ID: CHB.i Calib Start Date: 01/25/2017 19:00
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/26/2017 01:10
 Lab File ID: 24122-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.363	1.679		12.3	10.0	23.1	30.0
Dichlorodifluoromethane	Ave	3.291	3.927		11.9	10.0	19.3	30.0
Freon 22	Ave	2.450	2.854		11.6	10.0	16.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.246	3.626		11.2	10.0	11.7	30.0
Chloromethane	Ave	1.603	1.773		11.1	10.0	10.7	30.0
n-Butane	Ave	2.954	3.318		11.2	10.0	12.4	30.0
Vinyl chloride	Ave	1.698	1.765		10.4	10.0	4.0	30.0
1,3-Butadiene	Ave	1.405	1.481		10.5	10.0	5.5	30.0
Bromomethane	Ave	1.285	1.295		10.1	10.0	0.7	30.0
Chloroethane	Ave	0.9438	0.9622		10.2	10.0	1.9	30.0
Isopentane	Ave	2.505	2.639		10.5	10.0	5.4	30.0
Bromoethene (Vinyl Bromide)	Ave	1.261	1.285		10.2	10.0	1.9	30.0
Trichlorofluoromethane	Ave	3.323	3.809		11.5	10.0	14.6	30.0
n-Pentane	Ave	3.765	4.043		10.7	10.0	7.4	30.0
Ethanol	Ave	0.9854	1.045		15.9	15.0	6.1	30.0
Ethyl ether	Ave	1.229	1.265		10.3	10.0	2.9	30.0
Acrolein	Ave	0.6231	0.6568		10.5	10.0	5.4	30.0
Freon TF	Ave	2.488	2.499		10.0	10.0	0.5	30.0
1,1-Dichloroethene	Ave	1.289	1.289		9.99	10.0	-0.0	30.0
Acetone	Ave	3.386	3.496		10.3	10.0	3.2	30.0
Isopropyl alcohol	Ave	3.287	4.037		12.3	10.0	22.8	30.0
Carbon disulfide	Ave	4.112	4.086		9.94	10.0	-0.6	30.0
3-Chloropropene	Ave	2.910	2.835		9.74	10.0	-2.6	30.0
Acetonitrile	Ave	1.748	2.131		12.2	10.0	21.9	30.0
Methylene Chloride	Ave	2.298	2.352		10.2	10.0	2.4	30.0
tert-Butyl alcohol	Ave	3.651	4.303		11.8	10.0	17.9	30.0
Methyl tert-butyl ether	Ave	4.559	4.819		10.6	10.0	5.7	30.0
trans-1,2-Dichloroethene	Ave	2.466	2.572		10.4	10.0	4.3	30.0
Acrylonitrile	Ave	1.497	1.536		10.3	10.0	2.6	30.0
n-Hexane	Ave	2.899	2.964		10.2	10.0	2.2	30.0
1,1-Dichloroethane	Ave	3.276	3.297		10.1	10.0	0.7	30.0
Vinyl acetate	Ave	5.694	6.430		11.3	10.0	12.9	30.0
Methyl Ethyl Ketone	Ave	0.9011	0.8805		9.77	10.0	-2.3	30.0
cis-1,2-Dichloroethene	Ave	1.515	1.492		9.85	10.0	-1.5	30.0
Ethyl acetate	Ave	0.1292	0.1269		9.82	10.0	-1.8	30.0
Tetrahydrofuran	Ave	0.5062	0.5667		11.2	10.0	11.9	30.0
Chloroform	Ave	3.074	3.267		10.6	10.0	6.3	30.0
1,1,1-Trichloroethane	Ave	0.5526	0.6107		11.0	10.0	10.5	30.0
Cyclohexane	Ave	0.4132	0.4075		9.86	10.0	-1.4	30.0
Carbon tetrachloride	Ave	0.5396	0.5991		11.1	10.0	11.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-114478/2 Calibration Date: 02/28/2017 11:36
 Instrument ID: CHB.i Calib Start Date: 01/25/2017 19:00
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/26/2017 01:10
 Lab File ID: 24122-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.873	1.878		10.0	10.0	0.2	30.0
Benzene	Ave	0.9794	0.9610		9.81	10.0	-1.9	30.0
1,2-Dichloroethane	Ave	0.4138	0.4799		11.6	10.0	16.0	30.0
n-Heptane	Ave	0.8431	0.8963		10.6	10.0	6.3	30.0
n-Butanol	Ave	0.2499	0.2668		10.7	10.0	6.7	30.0
Trichloroethene	Ave	0.3904	0.3680		9.42	10.0	-5.7	30.0
1,2-Dichloropropane	Ave	0.4171	0.4104		9.84	10.0	-1.6	30.0
Methyl methacrylate	Ave	0.3816	0.3749		9.82	10.0	-1.7	30.0
1,4-Dioxane	Ave	0.1684	0.1885		11.2	10.0	11.9	30.0
Dibromomethane	Ave	0.2870	0.2802		9.76	10.0	-2.4	30.0
Bromodichloromethane	Ave	0.6544	0.7006		10.7	10.0	7.1	30.0
cis-1,3-Dichloropropene	Ave	0.5505	0.5599		10.2	10.0	1.7	30.0
Methyl isobutyl ketone	Ave	1.076	1.152		10.7	10.0	7.1	30.0
n-Octane	Ave	1.205	1.310		10.9	10.0	8.7	30.0
Toluene	Ave	0.7663	0.7320		9.55	10.0	-4.5	30.0
trans-1,3-Dichloropropene	Ave	0.5534	0.5772		10.4	10.0	4.3	30.0
1,1,2-Trichloroethane	Ave	0.3911	0.3679		9.41	10.0	-5.9	30.0
Tetrachloroethene	Ave	0.5037	0.4884		9.69	10.0	-3.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.229	1.194		9.71	10.0	-2.9	30.0
Dibromochloromethane	Ave	0.6350	0.6312		9.94	10.0	-0.6	30.0
1,2-Dibromoethane	Ave	0.6092	0.5788		9.50	10.0	-5.0	30.0
Chlorobenzene	Ave	0.9299	0.8927		9.60	10.0	-4.0	30.0
Ethylbenzene	Ave	1.715	1.679		9.79	10.0	-2.1	30.0
n-Nonane	Ave	1.106	1.052		9.51	10.0	-4.9	30.0
m,p-Xylene	Ave	0.6275	0.6196		19.7	20.0	-1.3	30.0
Xylene, o-	Ave	0.6141	0.6114		9.95	10.0	-0.4	30.0
Styrene	Ave	0.9875	0.9684		9.80	10.0	-1.9	30.0
Bromoform	Ave	0.5506	0.5465		9.92	10.0	-0.7	30.0
Cumene	Ave	1.799	1.803		10.0	10.0	0.3	30.0
1,1,2,2-Tetrachloroethane	Ave	1.032	0.9801		9.50	10.0	-5.0	30.0
n-Propylbenzene	Ave	2.362	2.346		9.93	10.0	-0.7	30.0
1,2,3-Trichloropropane	Ave	0.8584	0.8381		9.76	10.0	-2.4	30.0
n-Decane	Ave	1.410	1.206		8.55	10.0	-14.5	30.0
4-Ethyltoluene	Ave	1.783	1.740		9.76	10.0	-2.4	30.0
2-Chlorotoluene	Ave	1.562	1.539		9.85	10.0	-1.5	30.0
1,3,5-Trimethylbenzene	Ave	1.487	1.388		9.34	10.0	-6.6	30.0
Alpha Methyl Styrene	Ave	0.7012	0.6731		9.60	10.0	-4.0	30.0
tert-Butylbenzene	Ave	1.333	1.288		9.66	10.0	-3.4	30.0
1,2,4-Trimethylbenzene	Ave	1.468	1.399		9.52	10.0	-4.8	30.0
sec-Butylbenzene	Ave	2.173	2.079		9.56	10.0	-4.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-114478/2 Calibration Date: 02/28/2017 11:36
 Instrument ID: CHB.i Calib Start Date: 01/25/2017 19:00
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/26/2017 01:10
 Lab File ID: 24122-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.719	1.656		9.64	10.0	-3.6	30.0
1,3-Dichlorobenzene	Ave	0.8517	0.8260		9.70	10.0	-3.0	30.0
1,4-Dichlorobenzene	Ave	0.8348	0.8017		9.60	10.0	-4.0	30.0
Benzyl chloride	Ave	1.298	1.154		8.89	10.0	-11.1	30.0
n-Undecane	Ave	1.437	1.055		7.34	10.0	-26.6	30.0
n-Butylbenzene	Ave	1.770	1.744		9.85	10.0	-1.4	30.0
1,2-Dichlorobenzene	Ave	0.8018	0.7731		9.64	10.0	-3.6	30.0
n-Dodecane	Ave	1.230	0.2940		2.39	10.0	-76.1*	30.0
1,2,4-Trichlorobenzene	Ave	0.5193	0.4959		9.55	10.0	-4.5	30.0
Hexachlorobutadiene	Ave	0.5514	0.5716		10.4	10.0	3.7	30.0
Naphthalene	Ave	1.298	1.222		9.42	10.0	-5.8	30.0
1,2,3-Trichlorobenzene	Ave	0.4842	0.4308		8.89	10.0	-11.0	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-02.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 28-Feb-2017 11:36:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0024122-002
 Misc. Info.: ccvis
 Operator ID: pad Instrument ID: CHB.i
 Sublist: chrom-TO15_LLNJ_TO3*sub5
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 01-Mar-2017 10:22:05 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: maheseep

Date: 01-Mar-2017 10:22:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.140	3.140	0.000	98	218121	10.0	12.3	
2 Dichlorodifluoromethane	85	3.199	3.199	0.000	99	510205	10.0	11.9	
3 Chlorodifluoromethane	51	3.236	3.236	0.000	97	370816	10.0	11.6	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.423	3.423	0.000	93	471184	10.0	11.2	
5 Chloromethane	50	3.546	3.546	0.000	99	230427	10.0	11.1	
6 Butane	43	3.722	3.722	0.000	98	431174	10.0	11.2	
7 Vinyl chloride	62	3.759	3.759	0.000	98	229357	10.0	10.4	
8 Butadiene	54	3.828	3.828	0.000	94	192480	10.0	10.5	
10 Bromomethane	94	4.501	4.501	0.000	99	168196	10.0	10.1	
9 BFB									
11 Chloroethane	64	4.730	4.730	0.000	99	125016	10.0	10.2	
12 2-Methylbutane	43	4.816	4.816	0.000	95	342895	10.0	10.5	
13 Vinyl bromide	106	5.147	5.147	0.000	98	166963	10.0	10.2	
14 Trichlorofluoromethane	101	5.243	5.243	0.000	98	494864	10.0	11.5	
15 Pentane	43	5.381	5.381	0.000	97	525369	10.0	10.7	
16 Ethanol	45	5.718	5.718	0.000	99	203806	15.0	15.9	
17 Ethyl ether	59	5.856	5.856	0.000	89	164347	10.0	10.3	
18 Acrolein	56	6.230	6.230	0.000	97	85342	10.0	10.5	
19 1,1,2-Trichloro-1,2,2-trif	101	6.273	6.273	0.000	94	324761	10.0	10.0	
20 1,1-Dichloroethene	96	6.347	6.347	0.000	91	167440	10.0	10.0	
21 Acetone	43	6.502	6.502	0.000	99	454218	10.0	10.3	
22 Isopropyl alcohol	45	6.726	6.726	0.000	100	524574	10.0	12.3	
23 Carbon disulfide	76	6.774	6.774	0.000	100	530928	10.0	9.94	
24 3-Chloro-1-propene	41	7.052	7.052	0.000	92	368380	10.0	9.74	
26 Acetonitrile	41	7.116	7.116	0.000	98	276851	10.0	12.2	
27 Methylene Chloride	49	7.308	7.308	0.000	94	305603	10.0	10.2	
28 2-Methyl-2-propanol	59	7.431	7.431	0.000	96	559114	10.0	11.8	
29 Methyl tert-butyl ether	73	7.660	7.660	0.000	96	626118	10.0	10.6	
30 trans-1,2-Dichloroethene	61	7.719	7.719	0.000	93	334183	10.0	10.4	
31 Acrylonitrile	53	7.794	7.794	0.000	94	199573	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	8.039	8.039	0.000	95	385064	10.0	10.2	
33 1,1-Dichloroethane	63	8.461	8.461	0.000	99	428398	10.0	10.1	
34 Vinyl acetate	43	8.466	8.466	0.000	100	835451	10.0	11.3	
36 2-Butanone (MEK)	72	9.357	9.357	0.000	100	114409	10.0	9.77	
37 cis-1,2-Dichloroethene	96	9.363	9.363	0.000	97	193875	10.0	9.85	
35 Ethyl acetate	88	9.368	9.368	0.000	94	16489	10.0	9.82	
* 39 Chlorobromomethane	128	9.736	9.736	0.000	91	129956	10.0	10.0	
38 Tetrahydrofuran	42	9.747	9.747	0.000	92	395645	10.0	11.2	
40 Chloroform	83	9.806	9.806	0.000	96	424548	10.0	10.6	
S 41 1,2-Dichloroethene, Total	61				0		20.0	20.3	
42 1,1,1-Trichloroethane	97	10.062	10.062	0.000	95	426387	10.0	11.0	
43 Cyclohexane	84	10.078	10.078	0.000	91	284498	10.0	9.86	
44 Carbon tetrachloride	117	10.270	10.270	0.000	97	418264	10.0	11.1	
45 Isooctane	57	10.553	10.553	0.000	97	1310922	10.0	10.0	
46 Benzene	78	10.596	10.596	0.000	98	670940	10.0	9.81	
47 1,2-Dichloroethane	62	10.697	10.697	0.000	96	335052	10.0	11.6	
48 n-Heptane	43	10.798	10.798	0.000	97	625759	10.0	10.6	
A 49 GRO	1	10.889	(4.806-16.973)		0	99574318	10.0	0	
* 50 1,4-Difluorobenzene	114	11.140	11.140	0.000	98	698321	10.0	10.0	
51 n-Butanol	56	11.332	11.332	0.000	97	186267	10.0	10.7	
53 Trichloroethene	95	11.508	11.508	0.000	92	256928	10.0	9.42	
54 1,2-Dichloropropane	63	11.876	11.876	0.000	87	286514	10.0	9.84	
55 Methyl methacrylate	69	11.914	11.914	0.000	89	261761	10.0	9.82	
56 1,4-Dioxane	88	12.010	12.010	0.000	96	131581	10.0	11.2	
57 Dibromomethane	174	12.063	12.063	0.000	91	195636	10.0	9.76	
58 Dichlorobromomethane	83	12.234	12.234	0.000	97	489163	10.0	10.7	
A 59 TVOC as Toluene	1	12.514	(3.130-21.899)		0	152596547	10.0	0	
60 cis-1,3-Dichloropropene	75	12.864	12.864	0.000	98	390932	10.0	10.2	
61 4-Methyl-2-pentanone (MIBK)	43	13.013	13.013	0.000	97	804436	10.0	10.7	
63 n-Octane	43	13.275	13.275	0.000	99	914424	10.0	10.9	
64 Toluene	92	13.291	13.291	0.000	92	461763	10.0	9.55	
66 trans-1,3-Dichloropropene	75	13.654	13.654	0.000	95	402991	10.0	10.4	
67 1,1,2-Trichloroethane	83	13.926	13.926	0.000	95	232092	10.0	9.41	
68 Tetrachloroethene	166	14.065	14.065	0.000	93	308075	10.0	9.69	
69 2-Hexanone	43	14.187	14.187	0.000	88	753315	10.0	9.71	
70 Chlorodibromomethane	129	14.481	14.481	0.000	96	398216	10.0	9.94	
71 Ethylene Dibromide	107	14.684	14.684	0.000	98	365156	10.0	9.50	
* 72 Chlorobenzene-d5	117	15.244	15.244	0.000	91	630966	10.0	10.0	
73 Chlorobenzene	112	15.281	15.281	0.000	89	563140	10.0	9.60	
74 Ethylbenzene	91	15.351	15.351	0.000	99	1059436	10.0	9.79	
75 n-Nonane	57	15.367	15.367	0.000	95	663363	10.0	9.51	
76 m-Xylene & p-Xylene	106	15.495	15.495	0.000	0	781733	20.0	19.7	
S 77 Xylenes, Total	106				0		30.0	29.7	
78 o-Xylene	106	16.007	16.007	0.000	96	385687	10.0	9.95	
79 Styrene	104	16.029	16.029	0.000	97	610921	10.0	9.80	
80 Bromoform	173	16.322	16.322	0.000	93	344764	10.0	9.92	
81 Isopropylbenzene	105	16.418	16.418	0.000	98	1137571	10.0	10.0	
83 1,1,2,2-Tetrachloroethane	83	16.824	16.824	0.000	98	618306	10.0	9.50	
84 N-Propylbenzene	91	16.899	16.899	0.000	98	1479897	10.0	9.93	
85 1,2,3-Trichloropropane	75	16.909	16.909	0.000	96	528704	10.0	9.76	
86 n-Decane	57	16.963	16.963	0.000	82	760595	10.0	8.55	
87 4-Ethyltoluene	105	17.021	17.021	0.000	98	1097659	10.0	9.76	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91	17.064	17.064	0.000	98	970917	10.0	9.85	
89 1,3,5-Trimethylbenzene	105	17.085	17.085	0.000	91	875825	10.0	9.34	
90 Alpha Methyl Styrene	118	17.363	17.363	0.000	84	424610	10.0	9.60	
91 tert-Butylbenzene	119	17.464	17.464	0.000	90	812624	10.0	9.66	
92 1,2,4-Trimethylbenzene	105	17.534	17.534	0.000	99	882275	10.0	9.52	
93 sec-Butylbenzene	105	17.720	17.720	0.000	98	1311269	10.0	9.56	
94 4-Isopropyltoluene	119	17.875	17.875	0.000	96	1044914	10.0	9.64	
95 1,3-Dichlorobenzene	146	17.955	17.955	0.000	96	521082	10.0	9.70	
96 1,4-Dichlorobenzene	146	18.067	18.067	0.000	91	505750	10.0	9.60	
97 Benzyl chloride	91	18.217	18.217	0.000	97	727778	10.0	8.89	
98 Undecane	57	18.339	18.339	0.000	91	665268	10.0	7.34	
99 n-Butylbenzene	91	18.382	18.382	0.000	97	1100293	10.0	9.85	
100 1,2-Dichlorobenzene	146	18.553	18.553	0.000	93	487673	10.0	9.64	
102 Dodecane	57	19.802	19.802	0.000	88	185479	10.0	2.39	7
103 1,2,4-Trichlorobenzene	180	20.923	20.923	0.000	93	312861	10.0	9.55	
104 Hexachlorobutadiene	225	21.088	21.088	0.000	96	360595	10.0	10.4	
105 Naphthalene	128	21.408	21.408	0.000	98	771098	10.0	9.42	
106 1,2,3-Trichlorobenzene	180	21.889	21.889	0.000	94	271749	10.0	8.89	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15CAL4w_00603

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-02.D

Injection Date: 28-Feb-2017 11:36:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

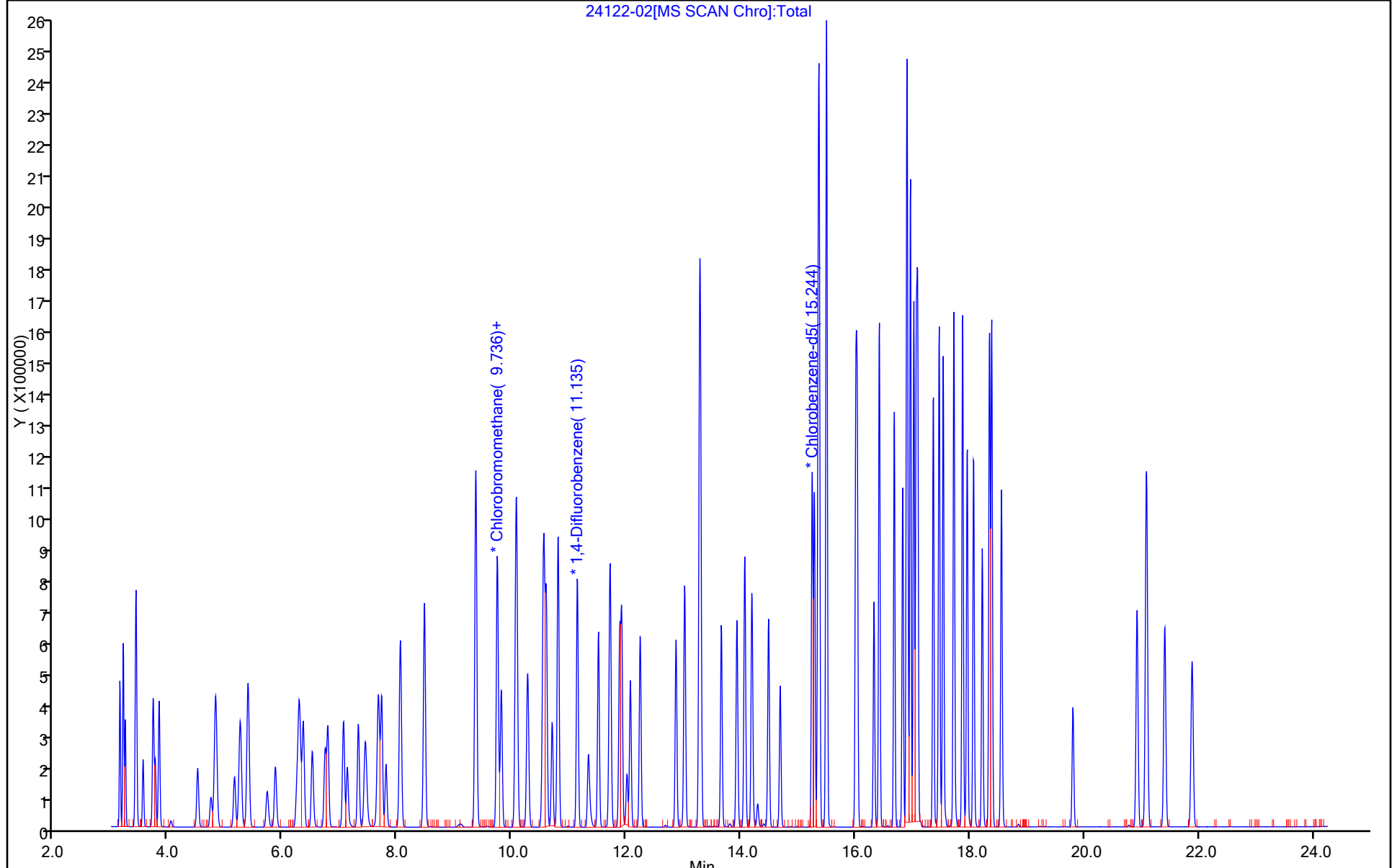
ALS Bottle#: 1

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_01.D
 Lims ID: bfb
 Client ID:
 Sample Type: BFB
 Inject. Date: 25-Jan-2017 16:47:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 0.0 mL Dil. Factor: 1.0000
 Sample Info: 200-0023655-001
 Misc. Info.: bfb
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 12:29:32 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
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9 BFB									
* 39 Chlorobromomethane	128		9.736				10.0	ND	
* 50 1,4-Difluorobenzene	114		11.140				10.0	ND	
* 72 Chlorobenzene-d5	117		15.249				10.0	ND	

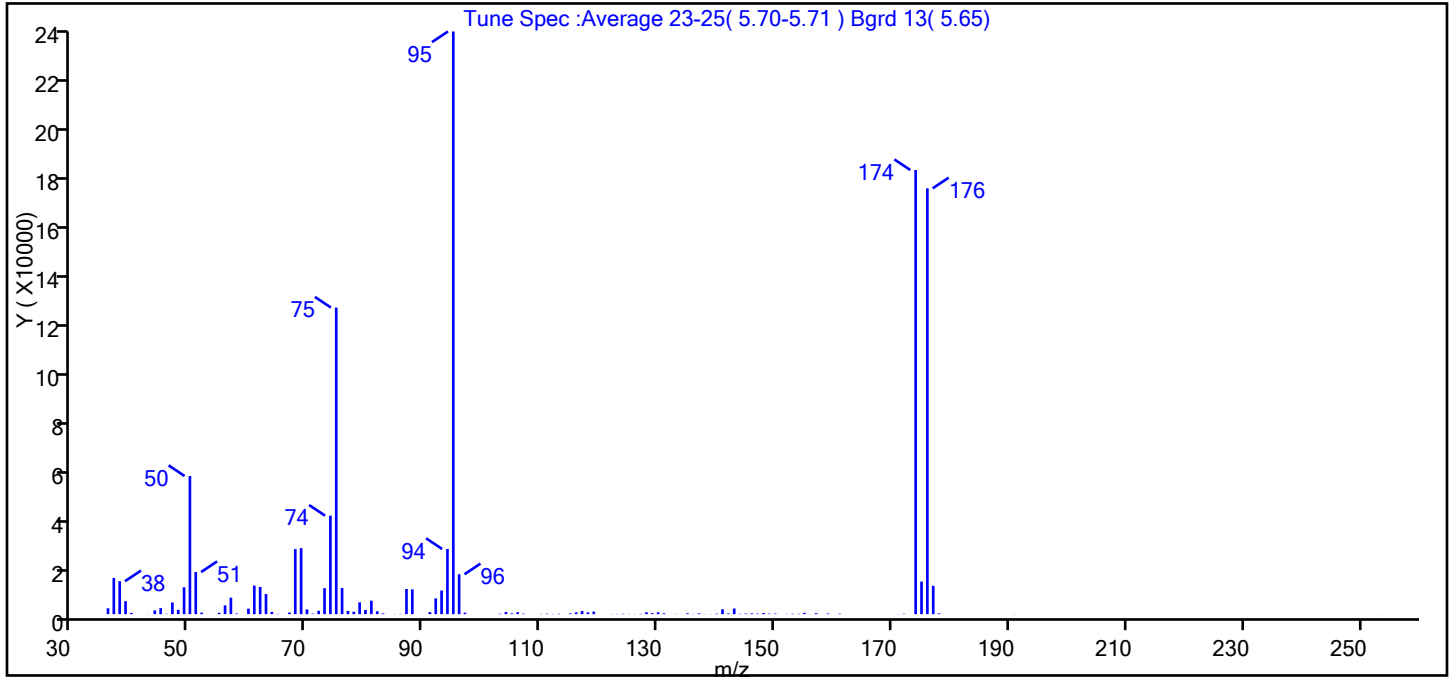
Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_01.D
 Injection Date: 25-Jan-2017 16:47:30 Instrument ID: CHB.i
 Lims ID: bfb
 Client ID:
 Operator ID: pad ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 0.0 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

9 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	23.7
75	30.0 to 66.0 Percent of m/e 95	52.6
96	5.0 to 9.0 Percent of m/e 95	6.8
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	76.2
175	4.0 to 9.0 Percent of m/e 174	5.6 (7.3)
176	93.0 to 101.0 Percent of m/e 174	73.1 (95.9)
177	5.0 to 9.0 Percent of m/e 176	4.9 (6.6)

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_01.D\TO15_LLNJ_TO3.rsl\spectra.d
 Injection Date: 25-Jan-2017 16:47:30
 Spectrum: Tune Spec :Average 23-25(5.70-5.71) Bgrd 13(5.65)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2355	71.00	196	107.00	200	143.00	2257
37.00	14441	72.00	1326	110.00	81	144.00	145
38.00	13144	73.00	10351	111.00	200	145.00	225
39.00	5166	74.00	39304	112.00	94	146.00	324
40.00	505	75.00	122336	113.00	170	147.00	193
43.00	44	76.00	10463	115.00	299	148.00	450
44.00	1489	77.00	1274	116.00	711	149.00	181
45.00	2402	78.00	963	117.00	1215	150.00	224
46.00	131	79.00	4702	118.00	741	152.00	98
47.00	4639	80.00	1690	119.00	1001	153.00	162
48.00	1729	81.00	5350	122.00	75	154.00	141
49.00	10740	82.00	1142	123.00	81	155.00	516
50.00	55112	83.00	296	124.00	152	156.00	35
51.00	16792	85.00	39	125.00	76	157.00	395
52.00	605	86.00	109	126.00	38	159.00	250
55.00	574	87.00	10034	127.00	131	161.00	199
56.00	3496	88.00	9881	128.00	746	171.00	59
57.00	6577	91.00	826	129.00	398	172.00	163
58.00	260	92.00	6309	130.00	742	174.00	177216
60.00	2203	93.00	9434	131.00	341	175.00	13005
61.00	11400	94.00	26000	133.00	88	176.00	169920
62.00	10846	95.00	232512	135.00	347	177.00	11294
63.00	8012	96.00	15913	136.00	68	178.00	314
64.00	880	97.00	580	137.00	316	191.00	48
65.00	126	101.00	37	138.00	36	207.00	29
67.00	633	103.00	156	139.00	34	253.00	36
68.00	25968	104.00	851	140.00	201		
69.00	26344	105.00	299	141.00	1962		
70.00	1868	106.00	806	142.00	295		

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_01.D

Injection Date: 25-Jan-2017 16:47:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 0.0 mL

Dil. Factor: 1.0000

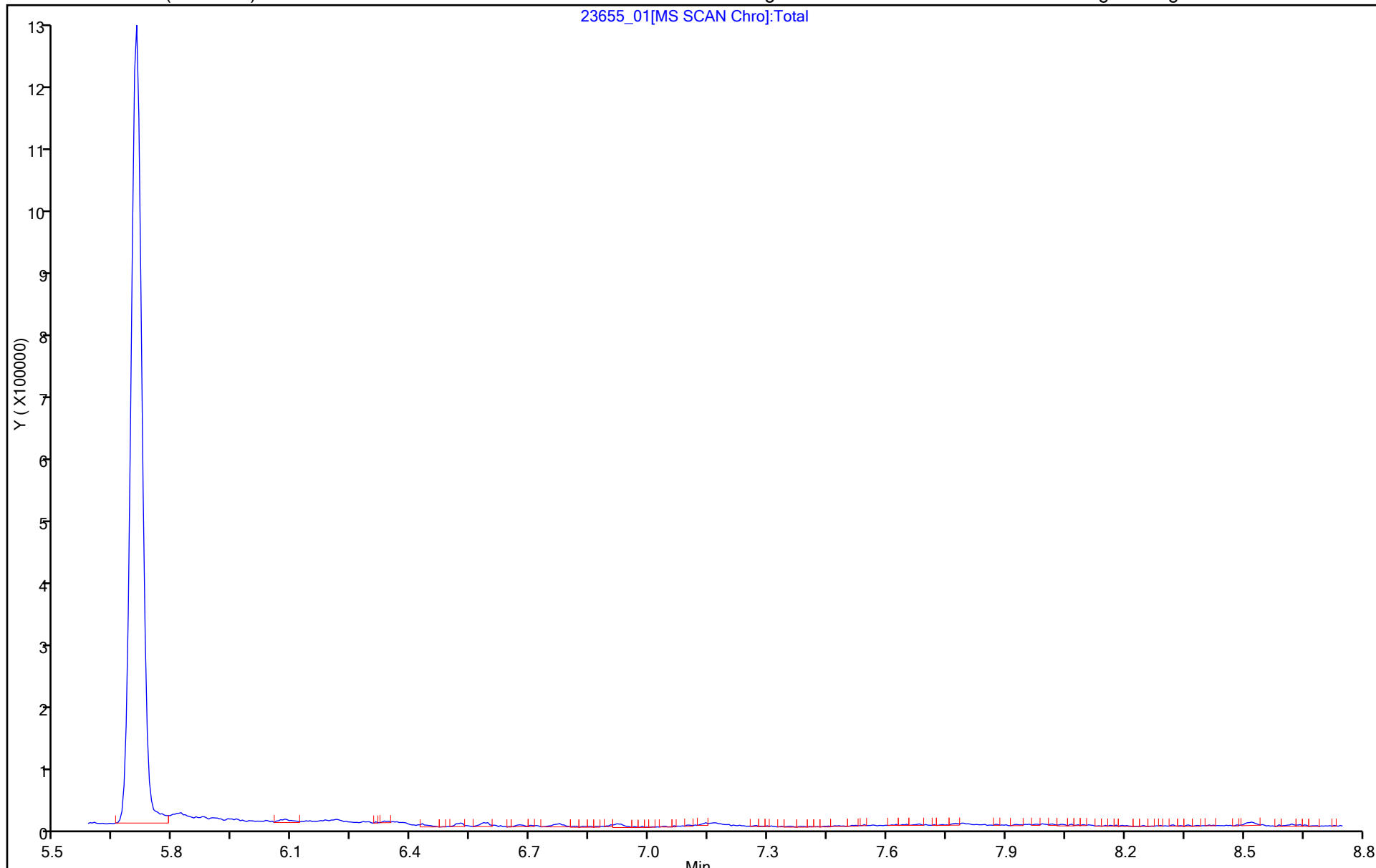
ALS Bottle#: 1

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122_01.D
 Lims ID: bfb
 Client ID:
 Sample Type: BFB
 Inject. Date: 28-Feb-2017 10:42:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 0.0 mL Dil. Factor: 1.0000
 Sample Info: 200-0024122-001
 Misc. Info.: bfb
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\TO15_LL NJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 01-Mar-2017 10:19:07 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: maheseep Date: 01-Mar-2017 10:19:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
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9 BFB									
* 39 Chlorobromomethane	128		9.736				10.0	ND	
* 50 1,4-Difluorobenzene	114		11.140				10.0	ND	
* 72 Chlorobenzene-d5	117		15.244				10.0	ND	

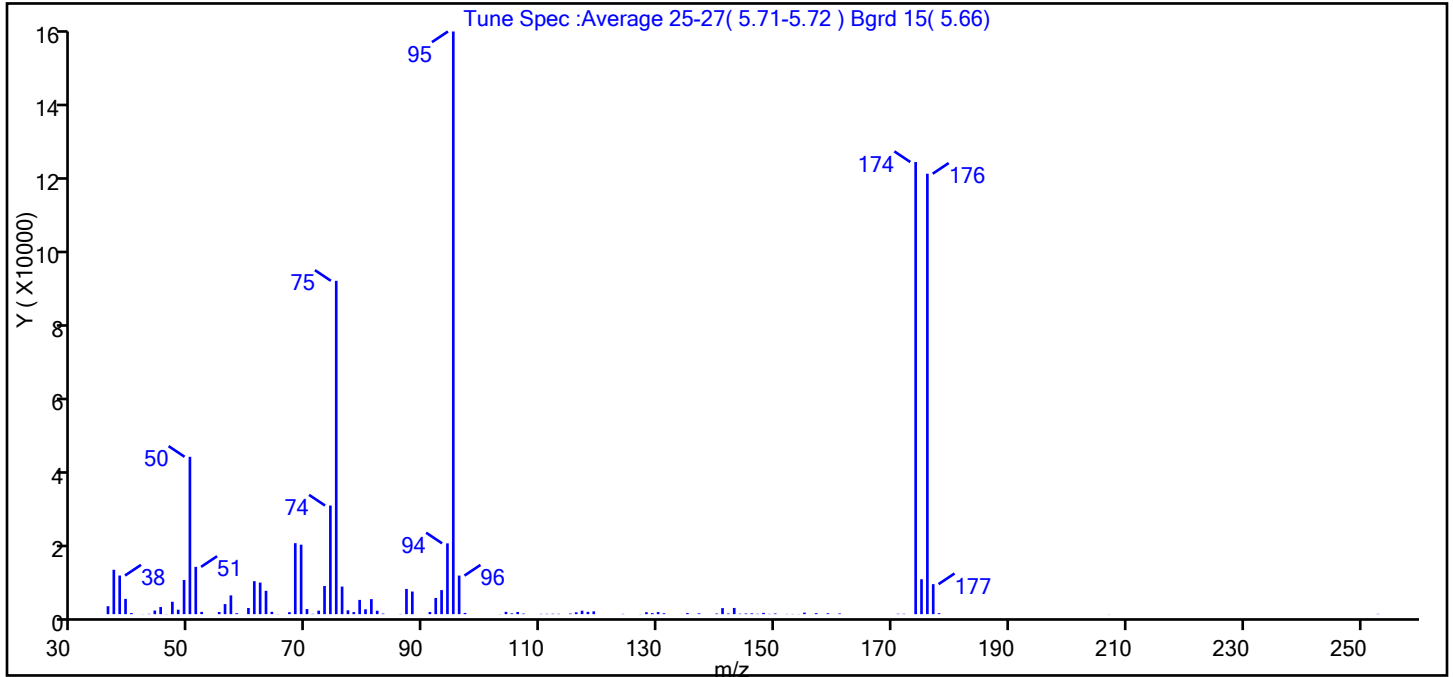
Reagents:

ATTO15BISs_00006 Amount Added: 20.00 Units: mL Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122_01.D
 Injection Date: 28-Feb-2017 10:42:30 Instrument ID: CHB.i
 Lims ID: bfb
 Client ID:
 Operator ID: pad ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 0.0 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3 Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

9 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	27.0
75	30.0 to 66.0 Percent of m/e 95	57.2
96	5.0 to 9.0 Percent of m/e 95	6.6
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	77.6
175	4.0 to 9.0 Percent of m/e 174	6.0 (7.7)
176	93.0 to 101.0 Percent of m/e 174	75.6 (97.4)
177	5.0 to 9.0 Percent of m/e 176	5.1 (6.8)

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122_01.D\TO15_LLNJ_TO3.rslt\spectra.d
Injection Date: 28-Feb-2017 10:42:30
Spectrum: Tune Spec :Average 25-27(5.71-5.72) Bgrd 15(5.66)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 103

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2118	65.00	46	96.00	10272	142.00	175
37.00	11822	67.00	517	97.00	328	143.00	1651
38.00	10285	68.00	18904	103.00	36	144.00	120
39.00	4065	69.00	18504	104.00	611	145.00	180
40.00	292	70.00	1353	105.00	207	146.00	208
42.00	34	71.00	76	106.00	578	147.00	91
43.00	89	72.00	930	107.00	142	148.00	344
44.00	960	73.00	7505	110.00	78	149.00	68
45.00	1893	74.00	28928	111.00	83	150.00	182
46.00	41	75.00	88784	112.00	113	152.00	56
47.00	3295	76.00	7352	113.00	93	153.00	52
48.00	1180	77.00	1026	115.00	159	154.00	39
49.00	9091	78.00	542	116.00	494	155.00	404
50.00	41912	79.00	3797	117.00	914	157.00	271
51.00	12593	80.00	1302	118.00	614	159.00	230
52.00	597	81.00	3999	119.00	746	161.00	185
54.00	10	82.00	908	124.00	76	171.00	107
55.00	562	83.00	155	127.00	38	172.00	97
56.00	2682	86.00	58	128.00	519	174.00	120424
57.00	5000	87.00	6710	129.00	284	175.00	9292
58.00	257	88.00	6022	130.00	544	176.00	117312
60.00	1640	91.00	565	131.00	237	177.00	7989
61.00	8779	92.00	4314	135.00	276	178.00	249
62.00	8408	93.00	6406	137.00	212	207.00	29
63.00	6217	94.00	18856	140.00	167	253.00	73
64.00	620	95.00	155200	141.00	1612		

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122_01.D

Injection Date: 28-Feb-2017 10:42:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 0.0 mL

Dil. Factor: 1.0000

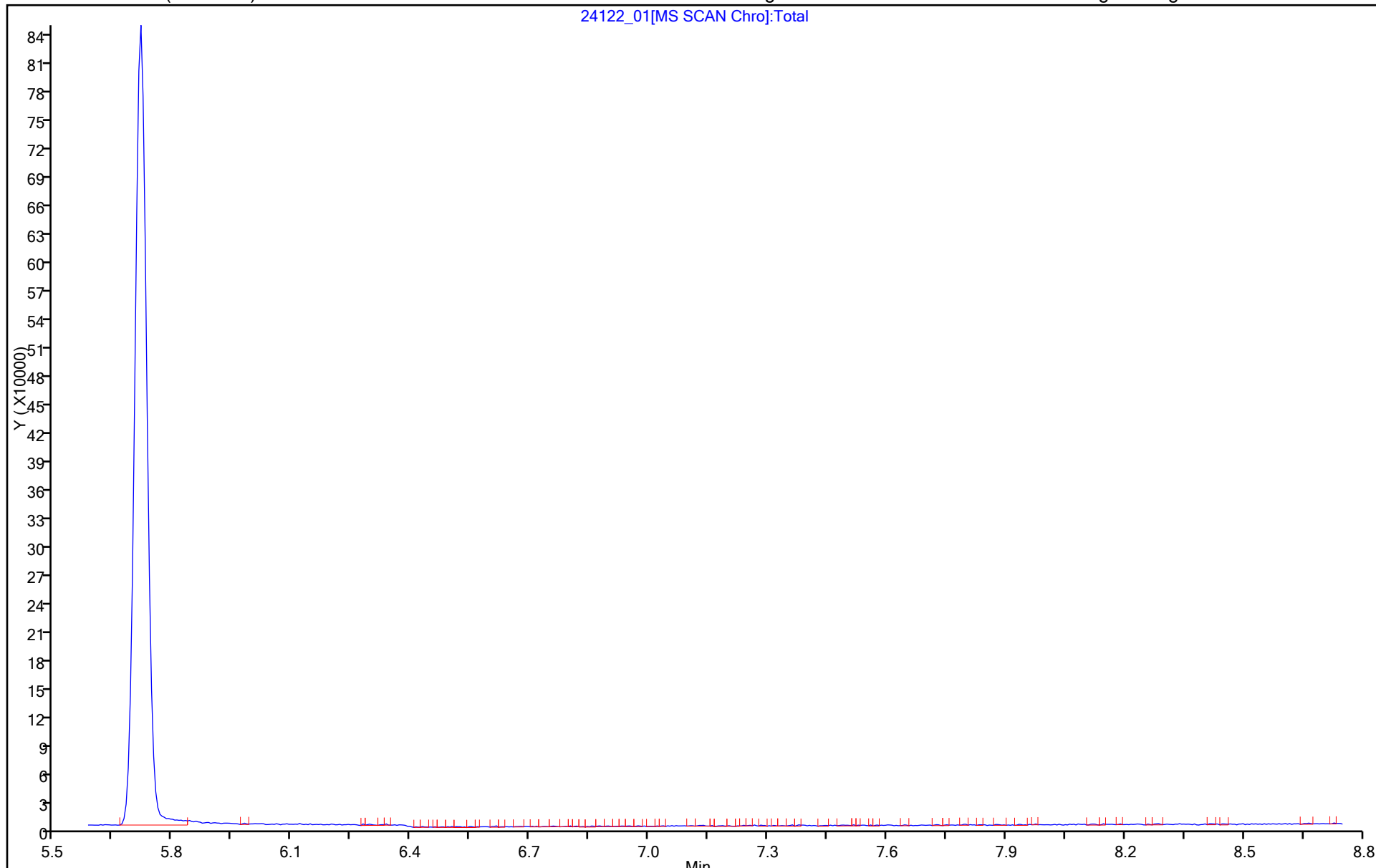
ALS Bottle#: 1

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-114478/4
 Matrix: Air Lab File ID: 24122-04.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/28/2017 13:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.035
67-64-1	Acetone	58.08	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.068
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.026
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.040	0.011
71-43-2	Benzene	78.11	0.20	U	0.20	0.028
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.0091
108-88-3	Toluene	92.14	0.20	U	0.20	0.035
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.0098
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.025
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.077
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.040
75-25-2	Bromoform	252.75	0.20	U	0.20	0.035
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.026

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-114478/4
 Matrix: Air Lab File ID: 24122-04.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/28/2017 13:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.046
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.14
67-64-1	Acetone	58.08	12	U	12	3.1
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.069
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.11
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.14
56-23-5	Carbon tetrachloride	153.81	0.25	U	0.25	0.069
71-43-2	Benzene	78.11	0.64	U	0.64	0.089
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.049
108-88-3	Toluene	92.14	0.75	U	0.75	0.13
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.066
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.12
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.33
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.17
75-25-2	Bromoform	252.75	2.1	U	2.1	0.36
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.18

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-04.D
 Lims ID: mb
 Client ID:
 Sample Type: MB
 Inject. Date: 28-Feb-2017 13:34:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0024122-004
 Misc. Info.: mb
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 01-Mar-2017 10:22:05 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: maheseep

Date: 01-Mar-2017 10:26:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		3.140					ND	
2 Dichlorodifluoromethane	85		3.199					ND	
3 Chlorodifluoromethane	51		3.236					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.423					ND	
5 Chloromethane	50		3.546					ND	
6 Butane	43		3.722					ND	
7 Vinyl chloride	62		3.759					ND	
8 Butadiene	54		3.828					ND	
10 Bromomethane	94		4.501					ND	
11 Chloroethane	64		4.730					ND	
12 2-Methylbutane	43		4.816					ND	
13 Vinyl bromide	106		5.147					ND	
14 Trichlorofluoromethane	101		5.243					ND	
15 Pentane	43		5.381					ND	
16 Ethanol	45		5.718					ND	
17 Ethyl ether	59		5.856					ND	
18 Acrolein	56		6.230					ND	
19 1,1,2-Trichloro-1,2,2-trif	101		6.273					ND	
20 1,1-Dichloroethene	96		6.347					ND	
21 Acetone	43		6.502					ND	
22 Isopropyl alcohol	45		6.726					ND	
23 Carbon disulfide	76		6.774					ND	
24 3-Chloro-1-propene	41		7.052					ND	
26 Acetonitrile	41		7.116					ND	
T 25 Methyl Acetate TIC	43		7.200					ND	
27 Methylene Chloride	49		7.308					ND	
28 2-Methyl-2-propanol	59		7.431					ND	
29 Methyl tert-butyl ether	73		7.660					ND	
30 trans-1,2-Dichloroethene	61		7.719					ND	
31 Acrylonitrile	53		7.794					ND	
32 Hexane	57		8.039					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63		8.461					ND	
34 Vinyl acetate	43		8.466					ND	
36 2-Butanone (MEK)	72		9.357					ND	
37 cis-1,2-Dichloroethene	96		9.363					ND	
35 Ethyl acetate	88		9.368					ND	
* 39 Chlorobromomethane	128	9.731	9.736	-0.005	92	155814	10.0	10.0	
38 Tetrahydrofuran	42		9.747					ND	
40 Chloroform	83		9.806					ND	
S 41 1,2-Dichloroethene, Total	61		10.000					ND	
42 1,1,1-Trichloroethane	97		10.062					ND	
43 Cyclohexane	84		10.078					ND	
44 Carbon tetrachloride	117		10.270					ND	
45 Isooctane	57		10.553					ND	
46 Benzene	78		10.596					ND	
47 1,2-Dichloroethane	62		10.697					ND	
48 n-Heptane	43		10.798					ND	
A 49 GRO	1	10.889	(4.806-16.973)		0	2155266		0	
* 50 1,4-Difluorobenzene	114	11.135	11.140	-0.005	97	840578	10.0	10.0	
51 n-Butanol	56		11.332					ND	
T 52 Methyl cyclohexane TIC	55		11.500					ND	
53 Trichloroethene	95		11.508					ND	
54 1,2-Dichloropropane	63		11.876					ND	
55 Methyl methacrylate	69		11.914					ND	
56 1,4-Dioxane	88		12.010					ND	
57 Dibromomethane	174		12.063					ND	
58 Dichlorobromomethane	83		12.234					ND	
A 59 TVOC as Toluene	1	12.514	(3.130-21.899)		0	2338060		0	
60 cis-1,3-Dichloropropene	75		12.864					ND	
61 4-Methyl-2-pentanone (MIBK)	43		13.013					ND	
63 n-Octane	43		13.275					ND	
64 Toluene	92		13.291					ND	
66 trans-1,3-Dichloropropene	75		13.654					ND	
67 1,1,2-Trichloroethane	83		13.926					ND	
68 Tetrachloroethene	166		14.065					ND	
69 2-Hexanone	43		14.187					ND	
70 Chlorodibromomethane	129		14.481					ND	
71 Ethylene Dibromide	107		14.684					ND	
* 72 Chlorobenzene-d5	117	15.239	15.244	-0.005	92	674536	10.0	10.0	
73 Chlorobenzene	112		15.281					ND	
74 Ethylbenzene	91		15.351					ND	
75 n-Nonane	57		15.367					ND	
76 m-Xylene & p-Xylene	106		15.495					ND	
S 77 Xylenes, Total	106		16.000					ND	
78 o-Xylene	106		16.007					ND	
79 Styrene	104		16.029					ND	
80 Bromoform	173		16.322					ND	
81 Isopropylbenzene	105		16.418					ND	
83 1,1,2,2-Tetrachloroethane	83		16.824					ND	
84 N-Propylbenzene	91		16.899					ND	
85 1,2,3-Trichloropropane	75		16.909					ND	
86 n-Decane	57		16.963					ND	
87 4-Ethyltoluene	105		17.021					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 2-Chlorotoluene	91		17.064					ND	
89 1,3,5-Trimethylbenzene	105		17.085					ND	
90 Alpha Methyl Styrene	118		17.363					ND	
91 tert-Butylbenzene	119		17.464					ND	
92 1,2,4-Trimethylbenzene	105		17.534					ND	
93 sec-Butylbenzene	105		17.720					ND	
94 4-Isopropyltoluene	119		17.875					ND	
95 1,3-Dichlorobenzene	146		17.955					ND	
96 1,4-Dichlorobenzene	146		18.067					ND	
97 Benzyl chloride	91		18.217					ND	
98 Undecane	57		18.339					ND	
99 n-Butylbenzene	91		18.382					ND	
100 1,2-Dichlorobenzene	146		18.553					ND	
T 101 1,2-Dibromo-3-Chloropropan	75		19.300					ND	
102 Dodecane	57		19.802					ND	
103 1,2,4-Trichlorobenzene	180		20.923					ND	
104 Hexachlorobutadiene	225		21.088					ND	
105 Naphthalene	128		21.408					ND	
106 1,2,3-Trichlorobenzene	180		21.889					ND	
T 119 Freon 115 TIC	1		0.000					ND	
T 120 1,1,1-Trifluoro-2,2-dichlo	1		0.000					ND	
T 121 1,3-Dichloropropane TIC	1		0.000					ND	
T 118 Difluoroethane TIC	1		0.000					ND	
T 107 Methyl acetylene TIC	1		0.000					ND	
T 108 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 117 Chlorotrifluoroethene TIC	1		0.000					ND	

Reagents:

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-04.D

Injection Date: 28-Feb-2017 13:34:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: mb

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

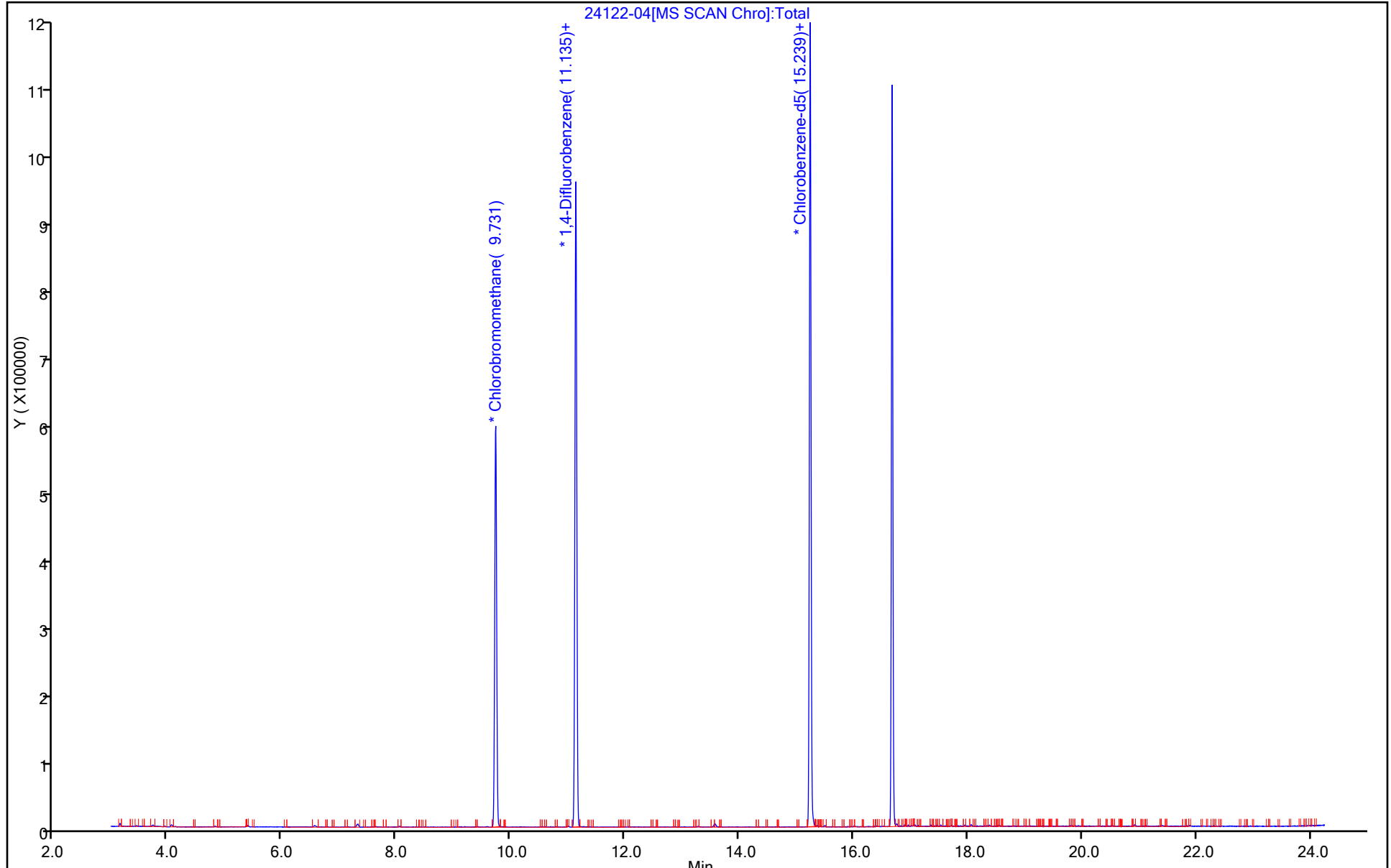
ALS Bottle#: 3

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37514-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-114478/5
 Matrix: Air Lab File ID: 24122-05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/28/2017 14:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114478 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	9.73		0.040	0.018
75-35-4	1,1-Dichloroethene	96.94	9.71		0.20	0.035
67-64-1	Acetone	58.08	10.2		5.0	1.3
75-09-2	Methylene Chloride	84.93	9.84		0.50	0.068
156-60-5	trans-1,2-Dichloroethene	96.94	10.8		0.20	0.050
75-34-3	1,1-Dichloroethane	98.96	9.85		0.20	0.017
156-59-2	cis-1,2-Dichloroethene	96.94	9.68		0.20	0.029
540-59-0	1,2-Dichloroethene, Total	96.94	20.5		0.40	0.029
71-55-6	1,1,1-Trichloroethane	133.41	10.5		0.20	0.026
56-23-5	Carbon tetrachloride	153.81	10.3		0.040	0.011
71-43-2	Benzene	78.11	9.72		0.20	0.028
79-01-6	Trichloroethene	131.39	9.35		0.040	0.0091
108-88-3	Toluene	92.14	9.82		0.20	0.035
127-18-4	Tetrachloroethene	165.83	9.77		0.20	0.0098
108-90-7	Chlorobenzene	112.56	9.77		0.20	0.025
179601-23-1	m,p-Xylene	106.17	19.7		0.50	0.077
95-47-6	Xylene, o-	106.17	9.75		0.20	0.040
75-25-2	Bromoform	252.75	10.0		0.20	0.035
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.58		0.20	0.026

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-05.D
 Lims ID: lcs
 Client ID:
 Sample Type: LCS
 Inject. Date: 28-Feb-2017 14:27:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0024122-005
 Misc. Info.: lcs
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\TO15_LLNJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 01-Mar-2017 10:22:05 Calib Date: 26-Jan-2017 01:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20170125-23655.b\23655_10.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: maheseep

Date: 01-Mar-2017 10:28:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.140	3.140	0.000	98	213203	10.0	10.4	
2 Dichlorodifluoromethane	85	3.198	3.199	-0.001	99	517293	10.0	10.5	
3 Chlorodifluoromethane	51	3.236	3.236	0.000	97	381560	10.0	10.4	
4 1,2-Dichloro-1,1,2,2-tetra	85	3.417	3.423	-0.006	97	556456	10.0	11.4	
5 Chloromethane	50	3.545	3.546	-0.001	99	238273	10.0	9.89	
6 Butane	43	3.722	3.722	0.000	99	464113	10.0	10.5	
7 Vinyl chloride	62	3.759	3.759	0.000	98	248460	10.0	9.73	
8 Butadiene	54	3.823	3.828	-0.005	94	200290	10.0	9.49	
10 Bromomethane	94	4.501	4.501	0.000	99	192939	10.0	9.98	
9 BFB									
11 Chloroethane	64	4.730	4.730	0.000	99	140574	10.0	9.91	
12 2-Methylbutane	43	4.816	4.816	0.000	96	428341	10.0	11.4	
13 Vinyl bromide	106	5.141	5.147	-0.006	99	189058	10.0	9.98	
14 Trichlorofluoromethane	101	5.243	5.243	0.000	98	531638	10.0	10.6	
15 Pentane	43	5.381	5.381	0.000	96	666098	10.0	11.8	
16 Ethanol	45	5.718	5.718	0.000	98	234491	15.0	15.8	
17 Ethyl ether	59	5.856	5.856	0.000	90	208334	10.0	11.3	
18 Acrolein	56	6.230	6.230	0.000	97	117841	10.0	12.6	
19 1,1,2-Trichloro-1,2,2-trif	101	6.278	6.273	0.005	93	371680	10.0	9.94	
20 1,1-Dichloroethene	96	6.347	6.347	0.000	91	188250	10.0	9.71	
21 Acetone	43	6.502	6.502	0.000	99	519283	10.0	10.2	
22 Isopropyl alcohol	45	6.732	6.726	0.006	100	492841	10.0	9.97	
23 Carbon disulfide	76	6.780	6.774	0.006	100	699409	10.0	11.3	
24 3-Chloro-1-propene	41	7.052	7.052	0.000	93	441700	10.0	10.1	
26 Acetonitrile	41	7.116	7.116	0.000	99	316476	10.0	12.0	
27 Methylene Chloride	49	7.308	7.308	0.000	95	340024	10.0	9.84	
28 2-Methyl-2-propanol	59	7.431	7.431	0.000	95	565466	10.0	10.3	
29 Methyl tert-butyl ether	73	7.660	7.660	0.000	97	702492	10.0	10.3	
30 trans-1,2-Dichloroethene	61	7.719	7.719	0.000	93	399096	10.0	10.8	
31 Acrylonitrile	53	7.794	7.794	0.000	95	239112	10.0	10.6	
32 Hexane	57	8.044	8.039	0.005	95	473332	10.0	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.466	8.461	0.005	99	485082	10.0	9.85	
34 Vinyl acetate	43	8.471	8.466	0.005	100	960313	10.0	11.2	
36 2-Butanone (MEK)	72	9.357	9.357	0.000	99	132611	10.0	9.79	
37 cis-1,2-Dichloroethene	96	9.368	9.363	0.005	93	220471	10.0	9.68	
35 Ethyl acetate	88	9.368	9.368	0.000	94	20829	10.0	10.7	
* 39 Chlorobromomethane	128	9.736	9.736	0.000	92	150320	10.0	10.0	
38 Tetrahydrofuran	42	9.747	9.747	0.000	93	445245	10.0	11.0	
40 Chloroform	83	9.811	9.806	0.005	96	470403	10.0	10.2	
S 41 1,2-Dichloroethene, Total	61				0		20.0	20.4	
42 1,1,1-Trichloroethane	97	10.067	10.062	0.005	95	466072	10.0	10.5	
43 Cyclohexane	84	10.078	10.078	0.000	92	323029	10.0	9.74	
44 Carbon tetrachloride	117	10.270	10.270	0.000	97	445977	10.0	10.3	
45 Isooctane	57	10.553	10.553	0.000	97	1469967	10.0	9.77	
46 Benzene	78	10.595	10.596	-0.001	98	764613	10.0	9.72	
47 1,2-Dichloroethane	62	10.697	10.697	0.000	96	359423	10.0	10.8	
48 n-Heptane	43	10.804	10.798	0.006	97	694110	10.0	10.3	
A 49 GRO	1	10.889	(4.806-16.973)		0	107414496	10.0	0	
* 50 1,4-Difluorobenzene	114	11.140	11.140	0.000	98	803076	10.0	10.0	
51 n-Butanol	56	11.332	11.332	0.000	97	212470	10.0	10.6	
53 Trichloroethene	95	11.508	11.508	0.000	92	293116	10.0	9.35	
54 1,2-Dichloropropane	63	11.882	11.876	0.006	86	322971	10.0	9.64	
55 Methyl methacrylate	69	11.914	11.914	0.000	86	305555	10.0	9.97	
56 1,4-Dioxane	88	12.004	12.010	-0.006	96	131992	10.0	9.76	
57 Dibromomethane	174	12.068	12.063	0.005	91	212069	10.0	9.20	
58 Dichlorobromomethane	83	12.239	12.234	0.005	97	529196	10.0	10.1	
A 59 TVOC as Toluene	1	12.514	(3.130-21.899)		0	166207908	10.0	0	
60 cis-1,3-Dichloropropene	75	12.864	12.864	0.000	98	439454	10.0	9.94	
61 4-Methyl-2-pentanone (MIBK)	43	13.018	13.013	0.005	97	890401	10.0	10.3	
63 n-Octane	43	13.275	13.275	0.000	98	1000263	10.0	10.3	
64 Toluene	92	13.296	13.291	0.005	93	515534	10.0	9.82	
66 trans-1,3-Dichloropropene	75	13.659	13.654	0.005	96	450983	10.0	10.1	
67 1,1,2-Trichloroethane	83	13.931	13.926	0.005	95	261060	10.0	9.74	
68 Tetrachloroethene	166	14.070	14.065	0.005	94	337186	10.0	9.77	
69 2-Hexanone	43	14.193	14.187	0.006	89	858946	10.0	10.2	
70 Chlorodibromomethane	129	14.481	14.481	0.000	96	423888	10.0	9.74	
71 Ethylene Dibromide	107	14.689	14.684	0.005	98	406556	10.0	9.74	
* 72 Chlorobenzene-d5	117	15.244	15.244	0.000	92	685037	10.0	10.0	
73 Chlorobenzene	112	15.281	15.281	0.000	89	622674	10.0	9.77	
74 Ethylbenzene	91	15.351	15.351	0.000	99	1167897	10.0	9.94	
75 n-Nonane	57	15.367	15.367	0.000	95	737674	10.0	9.74	
76 m-Xylene & p-Xylene	106	15.495	15.495	0.000	0	848308	20.0	19.7	
S 77 Xylenes, Total	106				0		30.0	29.5	
78 o-Xylene	106	16.007	16.007	0.000	97	410144	10.0	9.75	
79 Styrene	104	16.034	16.029	0.005	97	657968	10.0	9.73	
80 Bromoform	173	16.327	16.322	0.005	94	377853	10.0	10.0	
81 Isopropylbenzene	105	16.418	16.418	0.000	97	1192275	10.0	9.68	
83 1,1,2,2-Tetrachloroethane	83	16.829	16.824	0.005	98	677476	10.0	9.58	
84 N-Propylbenzene	91	16.898	16.899	-0.001	98	1558412	10.0	9.63	
85 1,2,3-Trichloropropane	75	16.909	16.909	0.000	97	561976	10.0	9.56	
86 n-Decane	57	16.962	16.963	-0.001	82	872575	10.0	9.03	
87 4-Ethyltoluene	105	17.021	17.021	0.000	98	1194647	10.0	9.78	
88 2-Chlorotoluene	91	17.064	17.064	0.000	98	1014208	10.0	9.48	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	17.090	17.085	0.005	91	939549	10.0	9.23	
90 Alpha Methyl Styrene	118	17.363	17.363	0.000	84	457945	10.0	9.53	
91 tert-Butylbenzene	119	17.464	17.464	0.000	90	846202	10.0	9.27	
92 1,2,4-Trimethylbenzene	105	17.533	17.534	-0.001	99	928058	10.0	9.23	
93 sec-Butylbenzene	105	17.720	17.720	0.000	98	1357413	10.0	9.12	
94 4-Isopropyltoluene	119	17.875	17.875	0.000	96	1080718	10.0	9.18	
95 1,3-Dichlorobenzene	146	17.955	17.955	0.000	96	547086	10.0	9.38	
96 1,4-Dichlorobenzene	146	18.067	18.067	0.000	91	523000	10.0	9.15	
97 Benzyl chloride	91	18.217	18.217	0.000	97	757255	10.0	8.52	
98 Undecane	57	18.345	18.339	0.006	92	985790	10.0	10.0	
99 n-Butylbenzene	91	18.382	18.382	0.000	97	1141497	10.0	9.42	
100 1,2-Dichlorobenzene	146	18.553	18.553	0.000	93	505156	10.0	9.20	
102 Dodecane	57	19.802	19.802	0.000	90	711735	10.0	8.45	
103 1,2,4-Trichlorobenzene	180	20.922	20.923	-0.001	93	324061	10.0	9.11	
104 Hexachlorobutadiene	225	21.093	21.088	0.005	96	363073	10.0	9.61	
105 Naphthalene	128	21.413	21.408	0.005	99	727275	10.0	8.18	
106 1,2,3-Trichlorobenzene	180	21.888	21.889	-0.001	93	281349	10.0	8.48	

Reagents:

ATTO15LCSW_00666

Amount Added: 200.00

Units: mL

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170228-24122.b\24122-05.D

Injection Date: 28-Feb-2017 14:27:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: lcs

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

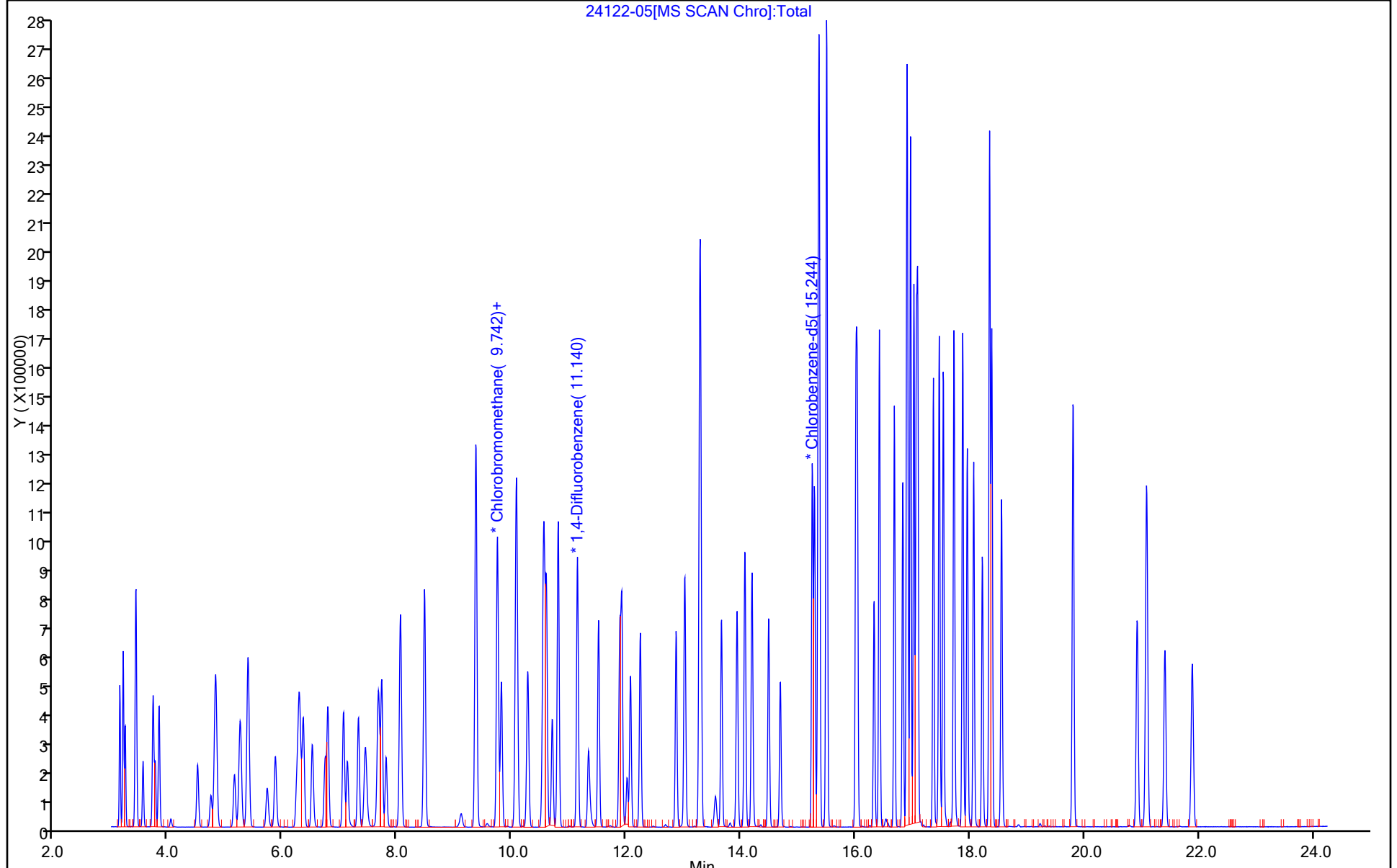
ALS Bottle#: 4

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-37514-1

SDG No.: _____

Instrument ID: CHB.i Start Date: 01/25/2017 16:47

Analysis Batch Number: 113539 End Date: 01/26/2017 07:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-113539/1		01/25/2017 16:47	1	23655_01.D	RTX-624 0.32 (mm)
VIBLK 200-113539/2		01/25/2017 18:07	1		RTX-624 0.32 (mm)
IC 200-113539/3		01/25/2017 19:00	1	23655_03.D	RTX-624 0.32 (mm)
IC 200-113539/4		01/25/2017 19:53	1	23655_04.D	RTX-624 0.32 (mm)
IC 200-113539/5		01/25/2017 20:46	1	23655_05.D	RTX-624 0.32 (mm)
IC 200-113539/6		01/25/2017 21:39	1	23655_06.D	RTX-624 0.32 (mm)
ICIS 200-113539/7		01/25/2017 22:32	1	23655_07.D	RTX-624 0.32 (mm)
IC 200-113539/8		01/25/2017 23:24	1	23655_08.D	RTX-624 0.32 (mm)
IC 200-113539/9		01/26/2017 00:17	1	23655_09.D	RTX-624 0.32 (mm)
IC 200-113539/10		01/26/2017 01:10	1	23655_10.D	RTX-624 0.32 (mm)
ZZZZZ		01/26/2017 02:03	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2017 02:56	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2017 03:49	1		RTX-624 0.32 (mm)
ICV 200-113539/14		01/26/2017 04:42	1	23655_14.D	RTX-624 0.32 (mm)
ZZZZZ		01/26/2017 05:35	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2017 06:28	1		RTX-624 0.32 (mm)
ZZZZZ		01/26/2017 07:20	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-37514-1

SDG No.: _____

Instrument ID: CHB.i Start Date: 02/28/2017 10:42

Analysis Batch Number: 114478 End Date: 03/01/2017 07:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-114478/1		02/28/2017 10:42	1	24122_01.D	RTX-624 0.32 (mm)
CCVIS 200-114478/2		02/28/2017 11:36	1	24122-02.D	RTX-624 0.32 (mm)
ZZZZZ		02/28/2017 12:42	1		RTX-624 0.32 (mm)
MB 200-114478/4		02/28/2017 13:34	1	24122-04.D	RTX-624 0.32 (mm)
LCS 200-114478/5		02/28/2017 14:27	1	24122-05.D	RTX-624 0.32 (mm)
ZZZZZ		02/28/2017 15:44	3.51		RTX-624 0.32 (mm)
200-37514-1		02/28/2017 16:37	1	24122-07.D	RTX-624 0.32 (mm)
200-37514-2		02/28/2017 17:29	1	24122-08.D	RTX-624 0.32 (mm)
200-37514-3		02/28/2017 18:22	1	24122-09.D	RTX-624 0.32 (mm)
200-37514-4		02/28/2017 19:14	1	24122-10.D	RTX-624 0.32 (mm)
ZZZZZ		02/28/2017 20:06	1		RTX-624 0.32 (mm)
ZZZZZ		02/28/2017 20:59	1		RTX-624 0.32 (mm)
ZZZZZ		02/28/2017 21:51	1		RTX-624 0.32 (mm)
ZZZZZ		02/28/2017 22:44	1		RTX-624 0.32 (mm)
ZZZZZ		02/28/2017 23:37	1		RTX-624 0.32 (mm)
ZZZZZ		03/01/2017 00:29	1		RTX-624 0.32 (mm)
ZZZZZ		03/01/2017 01:22	1		RTX-624 0.32 (mm)
ZZZZZ		03/01/2017 02:14	1		RTX-624 0.32 (mm)
ZZZZZ		03/01/2017 03:07	1		RTX-624 0.32 (mm)
ZZZZZ		03/01/2017 04:00	1		RTX-624 0.32 (mm)
ZZZZZ		03/01/2017 04:52	1		RTX-624 0.32 (mm)
ZZZZZ		03/01/2017 05:45	1		RTX-624 0.32 (mm)
ZZZZZ		03/01/2017 06:38	9.92		RTX-624 0.32 (mm)
ZZZZZ		03/01/2017 07:30	9.92		RTX-624 0.32 (mm)

Summa Canister Dilution Worksheet

Client: ARCADIS U.S. Inc

Job No.: 200-37514-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-37514-2	6	-16.4	0.45	2.71	-2.35	0.84	5.04		1.86	1.86	02/28/17 16:15	Daigle, Paul A

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg

Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington

Job No.: 200-37078-1

SDG No.: _____

Matrix: Air Level: Low

Lab File ID: 23621_04.D

Lab ID: LCS 200-113473/4

Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	12.4	124	58-129	
Dichlorodifluoromethane	10.0	11.5	115	68-128	
Freon 22	10.0	11.7	117	64-128	
1,2-Dichlorotetrafluoroethane	10.0	12.5	125	78-138	
Chloromethane	10.0	11.5	115	57-126	
n-Butane	10.0	12.6	126	56-130	
Vinyl chloride	10.0	11.5	115	62-125	
1,3-Butadiene	10.0	12.0	120	59-125	
Bromomethane	10.0	11.2	112	68-128	
Chloroethane	10.0	11.9	119	65-125	
Bromoethene (Vinyl Bromide)	10.0	11.2	112	67-127	
Trichlorofluoromethane	10.0	11.9	119	67-127	
Ethanol	15.0	19.1	127	28-168	
Freon TF	10.0	11.4	114	68-128	
1,1-Dichloroethene	10.0	11.3	113	67-127	
Acetone	10.0	14.8	148	64-136	*
Isopropyl alcohol	10.0	14.1	141	55-124	*
Carbon disulfide	10.0	13.5	135	81-141	
3-Chloropropene	10.0	14.2	142	53-133	*
Methylene Chloride	10.0	12.6	126	62-122	*
tert-Butyl alcohol	10.0	13.5	135	64-124	*
Methyl tert-butyl ether	10.0	12.6	126	67-127	
trans-1,2-Dichloroethene	10.0	13.3	133	72-132	*
n-Hexane	10.0	13.5	135	71-131	*
1,1-Dichloroethane	10.0	12.5	125	66-126	
Vinyl acetate	10.0	14.7	147	62-130	*
Ethyl acetate	10.0	12.3	123	75-135	
Methyl Ethyl Ketone	10.0	12.1	121	62-122	
cis-1,2-Dichloroethene	10.0	11.2	112	67-127	
Chloroform	10.0	12.3	123	69-129	
Tetrahydrofuran	10.0	14.1	141	61-136	*
1,1,1-Trichloroethane	10.0	12.0	120	70-130	
Cyclohexane	10.0	11.4	114	69-129	
Carbon tetrachloride	10.0	11.8	118	62-143	
2,2,4-Trimethylpentane	10.0	12.0	120	67-127	
Benzene	10.0	11.4	114	67-127	
1,2-Dichloroethane	10.0	12.6	126	67-132	
n-Heptane	10.0	13.1	131	62-130	*
Trichloroethene	10.0	11.1	111	68-128	
Methyl methacrylate	10.0	11.9	119	70-130	
1,2-Dichloropropane	10.0	11.5	115	67-127	
1,4-Dioxane	10.0	12.9	129	66-132	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington

Job No.: 200-37078-1

SDG No.: _____

Matrix: Air Level: Low

Lab File ID: 23621_04.D

Lab ID: LCS 200-113473/4

Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	11.6	116	69-129	
cis-1,3-Dichloropropene	10.0	11.8	118	70-130	
methyl isobutyl ketone	10.0	13.6	136	62-130	*
Toluene	10.0	11.0	110	67-127	
trans-1,3-Dichloropropene	10.0	12.1	121	69-129	
1,1,2-Trichloroethane	10.0	11.1	111	69-129	
Tetrachloroethene	10.0	10.6	106	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	13.9	139	61-127	*
Dibromochloromethane	10.0	10.5	105	66-130	
1,2-Dibromoethane	10.0	10.7	107	70-130	
Chlorobenzene	10.0	10.7	107	68-128	
Ethylbenzene	10.0	11.0	110	68-128	
m,p-Xylene	20.0	21.3	107	68-128	
Xylene, o-	10.0	10.5	105	67-127	
Styrene	10.0	10.9	109	68-128	
Bromoform	10.0	11.2	112	34-170	
Cumene	10.0	9.98	100	67-127	
1,1,2,2-Tetrachloroethane	10.0	10.9	109	69-129	
n-Propylbenzene	10.0	10.8	108	67-127	
4-Ethyltoluene	10.0	11.0	110	69-129	
1,3,5-Trimethylbenzene	10.0	10.7	107	65-125	
2-Chlorotoluene	10.0	10.7	107	67-127	
tert-Butylbenzene	10.0	10.4	104	63-125	
1,2,4-Trimethylbenzene	10.0	10.7	107	65-125	
sec-Butylbenzene	10.0	10.5	105	66-126	
4-Isopropyltoluene	10.0	10.4	104	67-129	
1,3-Dichlorobenzene	10.0	10.6	106	67-127	
1,4-Dichlorobenzene	10.0	10.8	108	66-126	
Benzyl chloride	10.0	11.7	117	54-135	
n-Butylbenzene	10.0	10.6	106	67-127	
1,2-Dichlorobenzene	10.0	10.5	105	67-127	
1,2,4-Trichlorobenzene	10.0	11.4	114	59-126	
Hexachlorobutadiene	10.0	11.6	116	62-130	
Naphthalene	10.0	11.1	111	50-121	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington

Job No.: 200-37174-1

SDG No.: _____

Matrix: Air Level: Low

Lab File ID: 23814_03.D

Lab ID: LCS 200-113887/3

Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	8.73	87	58-129	
Dichlorodifluoromethane	10.0	8.64	86	68-128	
Freon 22	10.0	8.77	88	64-128	
1,2-Dichlorotetrafluoroethane	10.0	9.93	99	78-138	
Chloromethane	10.0	8.67	87	57-126	
n-Butane	10.0	9.10	91	56-130	
Vinyl chloride	10.0	8.64	86	62-125	
1,3-Butadiene	10.0	8.59	86	59-125	
Bromomethane	10.0	9.15	92	68-128	
Chloroethane	10.0	8.73	87	65-125	
Bromoethene (Vinyl Bromide)	10.0	9.37	94	67-127	
Trichlorofluoromethane	10.0	8.83	88	67-127	
Ethanol	15.0	13.6	90	28-168	
Freon TF	10.0	9.34	93	68-128	
1,1-Dichloroethene	10.0	9.34	93	67-127	
Acetone	10.0	8.18	82	64-136	
Isopropyl alcohol	10.0	8.10	81	55-124	
Carbon disulfide	10.0	10.5	105	81-141	
3-Chloropropene	10.0	8.80	88	53-133	
Methylene Chloride	10.0	9.05	91	62-122	
tert-Butyl alcohol	10.0	8.58	86	64-124	
Methyl tert-butyl ether	10.0	9.16	92	67-127	
trans-1,2-Dichloroethene	10.0	9.60	96	72-132	
n-Hexane	10.0	9.81	98	71-131	
1,1-Dichloroethane	10.0	9.29	93	66-126	
Vinyl acetate	10.0	9.78	98	62-130	
Ethyl acetate	10.0	10.1	101	75-135	
Methyl Ethyl Ketone	10.0	9.26	93	62-122	
cis-1,2-Dichloroethene	10.0	9.37	94	67-127	
Chloroform	10.0	9.08	91	69-129	
Tetrahydrofuran	10.0	10.3	103	61-136	
1,1,1-Trichloroethane	10.0	9.52	95	70-130	
Cyclohexane	10.0	9.91	99	69-129	
Carbon tetrachloride	10.0	9.53	95	62-143	
2,2,4-Trimethylpentane	10.0	9.66	97	67-127	
Benzene	10.0	9.57	96	67-127	
1,2-Dichloroethane	10.0	9.53	95	67-132	
n-Heptane	10.0	10.1	101	62-130	
Trichloroethene	10.0	9.52	95	68-128	
Methyl methacrylate	10.0	9.90	99	70-130	
1,2-Dichloropropane	10.0	9.68	97	67-127	
1,4-Dioxane	10.0	9.03	90	66-132	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 23814_03.D
 Lab ID: LCS 200-113887/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	9.52	95	69-129	
cis-1,3-Dichloropropene	10.0	9.81	98	70-130	
methyl isobutyl ketone	10.0	10.1	101	62-130	
Toluene	10.0	9.81	98	67-127	
trans-1,3-Dichloropropene	10.0	9.76	98	69-129	
1,1,2-Trichloroethane	10.0	9.80	98	69-129	
Tetrachloroethene	10.0	9.97	100	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.1	101	61-127	
Dibromochloromethane	10.0	9.54	95	66-130	
1,2-Dibromoethane	10.0	9.73	97	70-130	
Chlorobenzene	10.0	9.58	96	68-128	
Ethylbenzene	10.0	9.51	95	68-128	
m,p-Xylene	20.0	19.2	96	68-128	
Xylene, o-	10.0	9.38	94	67-127	
Styrene	10.0	9.89	99	68-128	
Bromoform	10.0	9.98	100	34-170	
Cumene	10.0	9.37	94	67-127	
1,1,2,2-Tetrachloroethane	10.0	9.67	97	69-129	
n-Propylbenzene	10.0	9.36	94	67-127	
4-Ethyltoluene	10.0	9.69	97	69-129	
1,3,5-Trimethylbenzene	10.0	9.44	94	65-125	
2-Chlorotoluene	10.0	9.24	92	67-127	
tert-Butylbenzene	10.0	9.47	95	63-125	
1,2,4-Trimethylbenzene	10.0	9.39	94	65-125	
sec-Butylbenzene	10.0	9.44	94	66-126	
4-Isopropyltoluene	10.0	9.48	95	67-129	
1,3-Dichlorobenzene	10.0	9.63	96	67-127	
1,4-Dichlorobenzene	10.0	9.55	96	66-126	
Benzyl chloride	10.0	9.20	92	54-135	
n-Butylbenzene	10.0	9.23	92	67-127	
1,2-Dichlorobenzene	10.0	9.66	97	67-127	
1,2,4-Trichlorobenzene	10.0	8.87	89	59-126	
Hexachlorobutadiene	10.0	9.55	96	62-130	
Naphthalene	10.0	7.77	78	50-121	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington

Job No.: 200-37354-1

SDG No.: _____

Matrix: Air Level: Low

Lab File ID: 23929_04.D

Lab ID: LCS 200-114093/4

Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	8.56	86	58-129	
Dichlorodifluoromethane	10.0	8.13	81	68-128	
Freon 22	10.0	8.20	82	64-128	
1,2-Dichlorotetrafluoroethane	10.0	8.26	83	78-138	
Chloromethane	10.0	8.36	84	57-126	
n-Butane	10.0	8.38	84	56-130	
Vinyl chloride	10.0	8.14	81	62-125	
1,3-Butadiene	10.0	8.22	82	59-125	
Bromomethane	10.0	8.59	86	68-128	
Chloroethane	10.0	8.23	82	65-125	
Bromoethene (Vinyl Bromide)	10.0	9.06	91	67-127	
Trichlorofluoromethane	10.0	8.51	85	67-127	
Ethanol	15.0	14.6	98	28-168	
Freon TF	10.0	8.75	88	68-128	
1,1-Dichloroethene	10.0	8.79	88	67-127	
Acetone	10.0	8.00	80	64-136	
Isopropyl alcohol	10.0	7.44	74	55-124	
Carbon disulfide	10.0	8.52	85	81-141	
3-Chloropropene	10.0	8.23	82	53-133	
Methylene Chloride	10.0	8.37	84	62-122	
tert-Butyl alcohol	10.0	7.73	77	64-124	
Methyl tert-butyl ether	10.0	8.60	86	67-127	
trans-1,2-Dichloroethene	10.0	8.37	84	72-132	
n-Hexane	10.0	8.49	85	71-131	
1,1-Dichloroethane	10.0	8.56	86	66-126	
Vinyl acetate	10.0	7.51	75	62-130	
Ethyl acetate	10.0	9.06	91	75-135	
Methyl Ethyl Ketone	10.0	8.66	87	62-122	
cis-1,2-Dichloroethene	10.0	8.96	90	67-127	
Chloroform	10.0	8.47	85	69-129	
Tetrahydrofuran	10.0	9.40	94	61-136	
1,1,1-Trichloroethane	10.0	8.96	90	70-130	
Cyclohexane	10.0	9.17	92	69-129	
Carbon tetrachloride	10.0	8.90	89	62-143	
2,2,4-Trimethylpentane	10.0	9.21	92	67-127	
Benzene	10.0	8.99	90	67-127	
1,2-Dichloroethane	10.0	8.87	89	67-132	
n-Heptane	10.0	9.83	98	62-130	
Trichloroethene	10.0	9.29	93	68-128	
Methyl methacrylate	10.0	8.98	90	70-130	
1,2-Dichloropropane	10.0	9.22	92	67-127	
1,4-Dioxane	10.0	7.39	74	66-132	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 23929_04.D
 Lab ID: LCS 200-114093/4 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	8.60	86	69-129	
cis-1,3-Dichloropropene	10.0	8.99	90	70-130	
methyl isobutyl ketone	10.0	10.1	101	62-130	
Toluene	10.0	9.28	93	67-127	
trans-1,3-Dichloropropene	10.0	8.87	89	69-129	
1,1,2-Trichloroethane	10.0	9.05	91	69-129	
Tetrachloroethene	10.0	9.49	95	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.3	103	61-127	
Dibromochloromethane	10.0	8.25	82	66-130	
1,2-Dibromoethane	10.0	8.87	89	70-130	
Chlorobenzene	10.0	8.99	90	68-128	
Ethylbenzene	10.0	9.01	90	68-128	
m,p-Xylene	20.0	18.2	91	68-128	
Xylene, o-	10.0	9.04	90	67-127	
Styrene	10.0	9.37	94	68-128	
Bromoform	10.0	6.76	68	34-170	
Cumene	10.0	9.05	91	67-127	
1,1,2,2-Tetrachloroethane	10.0	8.16	82	69-129	
n-Propylbenzene	10.0	8.88	89	67-127	
4-Ethyltoluene	10.0	8.94	89	69-129	
1,3,5-Trimethylbenzene	10.0	8.91	89	65-125	
2-Chlorotoluene	10.0	8.67	87	67-127	
tert-Butylbenzene	10.0	9.04	90	63-125	
1,2,4-Trimethylbenzene	10.0	8.93	89	65-125	
sec-Butylbenzene	10.0	8.97	90	66-126	
4-Isopropyltoluene	10.0	9.01	90	67-129	
1,3-Dichlorobenzene	10.0	8.96	90	67-127	
1,4-Dichlorobenzene	10.0	8.81	88	66-126	
Benzyl chloride	10.0	8.16	82	54-135	
n-Butylbenzene	10.0	8.76	88	67-127	
1,2-Dichlorobenzene	10.0	8.92	89	67-127	
1,2,4-Trichlorobenzene	10.0	7.39	74	59-126	
Hexachlorobutadiene	10.0	8.79	88	62-130	
Naphthalene	10.0	6.48	65	50-121	

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Lab File ID: 23621_05.D Lab Sample ID: MB 200-113473/5
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHB.i Date Analyzed: 01/24/2017 14:31
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-113473/4	23621_04.D	01/24/2017 13:38
5100	200-37078-1	23621_21.D	01/25/2017 05:25

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-113473/5
 Matrix: Air Lab File ID: 23621_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/24/2017 14:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113473 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-113473/5
 Matrix: Air Lab File ID: 23621_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/24/2017 14:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113473 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-113473/5
 Matrix: Air Lab File ID: 23621_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 01/24/2017 14:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113473 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170124-23621.b\23621_05.D
 Lims ID: mb
 Client ID:
 Sample Type: MB
 Inject. Date: 24-Jan-2017 14:31:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023621-005
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170124-23621.b\TO15_LL NJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 10:55:39 Calib Date: 17-Nov-2016 00:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20161116-22729.b\22729_11.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 10:47:37

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		3.049					ND	
2 Dichlorodifluoromethane	85		3.108					ND	
3 Chlorodifluoromethane	51		3.145					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.327					ND	
5 Chloromethane	50		3.455					ND	
6 Butane	43		3.626					ND	
7 Vinyl chloride	62		3.663					ND	
8 Butadiene	54		3.727					ND	
10 Bromomethane	94		4.389					ND	
11 Chloroethane	64		4.629					ND	
12 2-Methylbutane	43		4.709					ND	
13 Vinyl bromide	106		5.045					ND	
14 Trichlorofluoromethane	101		5.141					ND	
15 Pentane	43		5.285					ND	
16 Ethanol	45		5.627					ND	
17 Ethyl ether	59		5.771					ND	
18 Acrolein	56		6.150					ND	
19 1,1,2-Trichloro-1,2,2-trif	101		6.198					ND	
20 1,1-Dichloroethene	96		6.267					ND	
21 Acetone	43		6.427					ND	
22 Isopropyl alcohol	45		6.662					ND	
23 Carbon disulfide	76		6.705					ND	
24 3-Chloro-1-propene	41		6.988					ND	
26 Acetonitrile	41		7.057					ND	
T 25 Methyl Acetate TIC	43		7.200					ND	
27 Methylene Chloride	49		7.249					ND	
28 2-Methyl-2-propanol	59		7.377					ND	
29 Methyl tert-butyl ether	73		7.607					ND	
30 trans-1,2-Dichloroethene	61		7.666					ND	
31 Acrylonitrile	53		7.746					ND	
32 Hexane	57		7.996					ND	
33 1,1-Dichloroethane	63		8.418					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43		8.429					ND	
36 2-Butanone (MEK)	72		9.325					ND	
37 cis-1,2-Dichloroethene	96		9.336					ND	
35 Ethyl acetate	88		9.341					ND	
* 39 Chlorobromomethane	128	9.704	9.710	-0.006	93	209730	10.0	10.0	
38 Tetrahydrofuran	42		9.720					ND	
40 Chloroform	83		9.784					ND	
S 41 1,2-Dichloroethene, Total	61		10.000					ND	
42 1,1,1-Trichloroethane	97		10.040					ND	
43 Cyclohexane	84		10.051					ND	
44 Carbon tetrachloride	117		10.249					ND	
45 Isooctane	57		10.537					ND	
46 Benzene	78		10.579					ND	
47 1,2-Dichloroethane	62		10.686					ND	
48 n-Heptane	43		10.788					ND	
A 49 GRO	1	10.838	(4.699-16.978)		0	3008308		0	
* 50 1,4-Difluorobenzene	114	11.124	11.129	-0.005	97	1130741	10.0	10.0	
51 n-Butanol	56		11.321					ND	
53 Trichloroethene	95		11.497					ND	
T 52 Methyl cyclohexane TIC	55		11.500					ND	
54 1,2-Dichloropropane	63		11.871					ND	
55 Methyl methacrylate	69		11.908					ND	
56 1,4-Dioxane	88		12.004					ND	
57 Dibromomethane	174		12.063					ND	
58 Dichlorobromomethane	83		12.234					ND	
A 59 TVOC as Toluene	1	12.477	(3.039-21.914)		0	3232179		0	
60 cis-1,3-Dichloropropene	75		12.864					ND	
61 4-Methyl-2-pentanone (MIBK)	43		13.013					ND	
63 n-Octane	43		13.280					ND	
64 Toluene	92		13.296					ND	
66 trans-1,3-Dichloropropene	75		13.659					ND	
67 1,1,2-Trichloroethane	83		13.931					ND	
68 Tetrachloroethene	166		14.070					ND	
69 2-Hexanone	43		14.193					ND	
70 Chlorodibromomethane	129		14.486					ND	
71 Ethylene Dibromide	107		14.689					ND	
* 72 Chlorobenzene-d5	117	15.249	15.249	0.000	93	920787	10.0	10.0	
73 Chlorobenzene	112		15.292					ND	
74 Ethylbenzene	91		15.356					ND	
75 n-Nonane	57		15.372					ND	
76 m-Xylene & p-Xylene	106		15.505					ND	
S 77 Xylenes, Total	106		16.000					ND	
78 o-Xylene	106		16.018					ND	
79 Styrene	104		16.039					ND	
80 Bromoform	173		16.333					ND	
81 Isopropylbenzene	105		16.429					ND	
83 1,1,2,2-Tetrachloroethane	83		16.834					ND	
84 N-Propylbenzene	91		16.904					ND	
85 1,2,3-Trichloropropane	75		16.920					ND	
86 n-Decane	57		16.968					ND	
87 4-Ethyltoluene	105		17.032					ND	
88 2-Chlorotoluene	91		17.075					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105		17.096					ND	
90 Alpha Methyl Styrene	118		17.373					ND	
91 tert-Butylbenzene	119		17.475					ND	
92 1,2,4-Trimethylbenzene	105		17.544					ND	
93 sec-Butylbenzene	105		17.731					ND	
94 4-Isopropyltoluene	119		17.886					ND	
95 1,3-Dichlorobenzene	146		17.966					ND	
96 1,4-Dichlorobenzene	146		18.078					ND	
97 Benzyl chloride	91		18.227					ND	
98 Undecane	57		18.355					ND	
99 n-Butylbenzene	91		18.393					ND	
100 1,2-Dichlorobenzene	146		18.564					ND	
T 101 1,2-Dibromo-3-Chloropropan	75		19.300					ND	
102 Dodecane	57		19.812					ND	
103 1,2,4-Trichlorobenzene	180		20.938					ND	
104 Hexachlorobutadiene	225		21.099					ND	
105 Naphthalene	128		21.424					ND	
106 1,2,3-Trichlorobenzene	180		21.904					ND	
T 119 Freon 115 TIC	1		0.000					ND	
T 120 1,1,1-Trifluoro-2,2-dichlo	1		0.000					ND	
T 121 1,3-Dichloropropane TIC	1		0.000					ND	
T 118 Difluoroethane TIC	1		0.000					ND	
T 107 Methyl acetylene TIC	1		0.000					ND	
T 108 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 117 Chlorotrifluoroethene TIC	1		0.000					ND	

Reagents:

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170124-23621.b\23621_05.D

Injection Date: 24-Jan-2017 14:31:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: mb

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

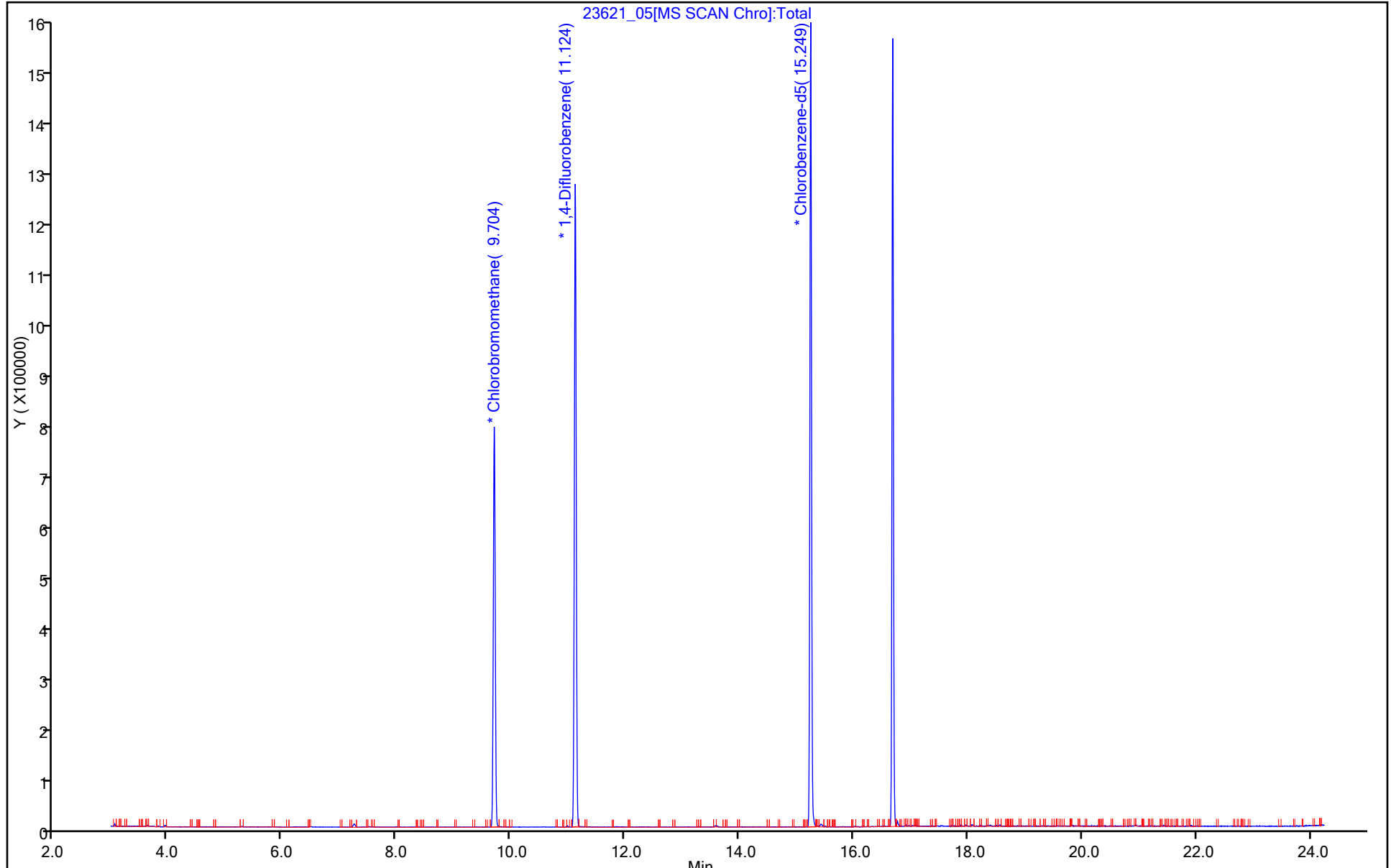
ALS Bottle#: 4

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Lab File ID: 23814_04.D Lab Sample ID: MB 200-113887/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHC.i Date Analyzed: 02/07/2017 12:51
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-113887/3	23814_03.D	02/07/2017 11:58
5441	200-37174-1	23814_20.D	02/08/2017 03:32

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-113887/4
 Matrix: Air Lab File ID: 23814_04.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/07/2017 12:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113887 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-113887/4
 Matrix: Air Lab File ID: 23814_04.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/07/2017 12:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113887 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-113887/4
 Matrix: Air Lab File ID: 23814_04.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/07/2017 12:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113887 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHC.i\20170207-23814.b\23814_04.D
 Lims ID: mb
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Feb-2017 12:51:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023814-004
 Misc. Info.: mb
 Operator ID: pad Instrument ID: CHC.i
 Method: \\ChromNA\Burlington\ChromData\CHC.i\20170207-23814.b\TO15_MasterMethod_(v1)_CHC.i.m
 Limit Group: AI_TO15_ICAL
 Last Update: 08-Feb-2017 08:25:54 Calib Date: 25-Jan-2017 01:00:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHC.i\20170124-23629.b\23629_12.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: puangmaleek

Date: 08-Feb-2017 08:25:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		2.989					ND	
2 Dichlorodifluoromethane	85		3.058					ND	
3 Chlorodifluoromethane	51		3.111					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.325					ND	
5 Chloromethane	50		3.453					ND	
6 Butane	43		3.661					ND	
7 Vinyl chloride	62		3.698					ND	
8 Butadiene	54		3.778					ND	
10 Bromomethane	94		4.462					ND	
11 Chloroethane	64		4.707					ND	
12 2-Methylbutane	43		4.782					ND	
13 Vinyl bromide	106		5.102					ND	
14 Trichlorofluoromethane	101		5.209					ND	
16 Pentane	43		5.358					ND	
17 Ethanol	45		5.812					ND	
18 Ethyl ether	59		5.887					ND	
19 Acrolein	56		6.271					ND	
20 1,1,2-Trichloro-1,2,2-trif	101		6.313					ND	
21 1,1-Dichloroethene	96		6.346					ND	
22 Acetone	43		6.580					ND	
23 Carbon disulfide	76		6.719					ND	
24 Isopropyl alcohol	45		6.906					ND	
25 3-Chloro-1-propene	41		7.146					ND	
26 Acetonitrile	41		7.269					ND	
T 15 Methyl Acetate TIC	43		7.308					ND	
27 Methylene Chloride	49		7.445					ND	
28 2-Methyl-2-propanol	59		7.690					ND	
29 Methyl tert-butyl ether	73		7.856					ND	
31 trans-1,2-Dichloroethene	61		7.893					ND	
32 Acrylonitrile	53		8.037					ND	
33 Hexane	57		8.288					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63		8.774					ND	
35 Vinyl acetate	43		8.859					ND	
37 cis-1,2-Dichloroethene	96		9.900					ND	
38 2-Butanone (MEK)	72		9.948					ND	
39 Ethyl acetate	88		10.001					ND	
S 30 1,2-Dichloroethene, Total	61		10.200					ND	
* 40 Chlorobromomethane	128	10.364	10.364	0.000	93	358033	10.0	10.0	
41 Tetrahydrofuran	42		10.370					ND	
42 Chloroform	83		10.508					ND	
43 Cyclohexane	84		10.748					ND	
44 1,1,1-Trichloroethane	97		10.775					ND	
45 Carbon tetrachloride	117		11.026					ND	
46 Isooctane	57		11.474					ND	
47 Benzene	78		11.496					ND	
48 1,2-Dichloroethane	62		11.682					ND	
49 n-Heptane	43		11.880					ND	
* 50 1,4-Difluorobenzene	114	12.355	12.360	-0.005	98	1890884	10.0	10.0	
52 n-Butanol	56		12.782					ND	
53 Trichloroethene	95		12.830					ND	
A 51 GRO	1	13.049	(4.772-21.326)		0	6474004		0	
T 36 Methyl cyclohexane TIC	55		13.179					ND	
54 1,2-Dichloropropane	63		13.385					ND	
55 Methyl methacrylate	69		13.572					ND	
56 1,4-Dioxane	88		13.620					ND	
57 Dibromomethane	174		13.646					ND	
58 Dichlorobromomethane	83		13.961					ND	
A 59 TVOC as Toluene	1	14.746	(2.979-26.513)		0	6679353		0	
60 cis-1,3-Dichloropropene	75		14.906					ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.194					ND	
65 Toluene	92		15.493					ND	
64 n-Octane	43		15.573					ND	
66 trans-1,3-Dichloropropene	75		16.107					ND	
67 1,1,2-Trichloroethane	83		16.475					ND	
68 Tetrachloroethene	166		16.582					ND	
69 2-Hexanone	43		16.929					ND	
71 Chlorodibromomethane	129		17.238					ND	
72 Ethylene Dibromide	107		17.500					ND	
* 74 Chlorobenzene-d5	117	18.402	18.402	0.000	93	1783998	10.0	10.0	
75 Chlorobenzene	112		18.460					ND	
76 Ethylbenzene	91		18.615					ND	
77 n-Nonane	57		18.754					ND	
78 m-Xylene & p-Xylene	106		18.866					ND	
T 70 1,2-Dibromo-3-Chloropropan	75		18.980					ND	
79 o-Xylene	106		19.704					ND	
80 Styrene	104		19.757					ND	
S 73 Xylenes, Total	106		20.100					ND	
81 Bromoform	173		20.184					ND	
82 Isopropylbenzene	105		20.398					ND	
84 1,1,1,2-Tetrachloroethane	83		21.065					ND	
85 N-Propylbenzene	91		21.129					ND	
86 1,2,3-Trichloropropane	75		21.155					ND	
87 n-Decane	57		21.316					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 4-Ethyltoluene	105		21.321					ND	
89 2-Chlorotoluene	91		21.326					ND	
90 1,3,5-Trimethylbenzene	105		21.428					ND	
91 Alpha Methyl Styrene	118		21.796					ND	
92 tert-Butylbenzene	119		21.919					ND	
93 1,2,4-Trimethylbenzene	105		22.015					ND	
94 sec-Butylbenzene	105		22.244					ND	
95 4-Isopropyltoluene	119		22.447					ND	
96 1,3-Dichlorobenzene	146	22.474	22.474	0.000	1	830		0.009713	7
97 1,4-Dichlorobenzene	146	22.612	22.612	0.000	87	1014		0.0119	
98 Benzyl chloride	91	22.799	22.805	-0.006	95	1863		0.0135	
100 n-Butylbenzene	91		23.013					ND	
99 Undecane	57		23.039					ND	
101 1,2-Dichlorobenzene	146	23.130	23.135	-0.005	88	1021		0.0128	
102 Dodecane	57		24.592					ND	
103 1,2,4-Trichlorobenzene	180	25.580	25.574	0.006	88	2097		0.0416	
104 Hexachlorobutadiene	225		25.761					ND	
105 Naphthalene	128	26.039	26.039	0.000	90	2855		0.0230	
106 1,2,3-Trichlorobenzene	180	26.498	26.503	-0.005	89	1858		0.0449	
T 107 Methyl acetylene TIC	1		0.000					ND	
T 108 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 109 1,3-Dichloropropane TIC	1		0.000					ND	
T 118 Chlorotrifluoroethene TIC	1		0.000					ND	
T 119 Difluoroethane TIC	1		0.000					ND	
T 120 Freon 115 TIC	1		0.000					ND	
T 121 1,1,1-Trifluoro-2,2-dichlo	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15CISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHC.i\20170207-23814.b\23814_04.D

Injection Date: 07-Feb-2017 12:51:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: mb

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

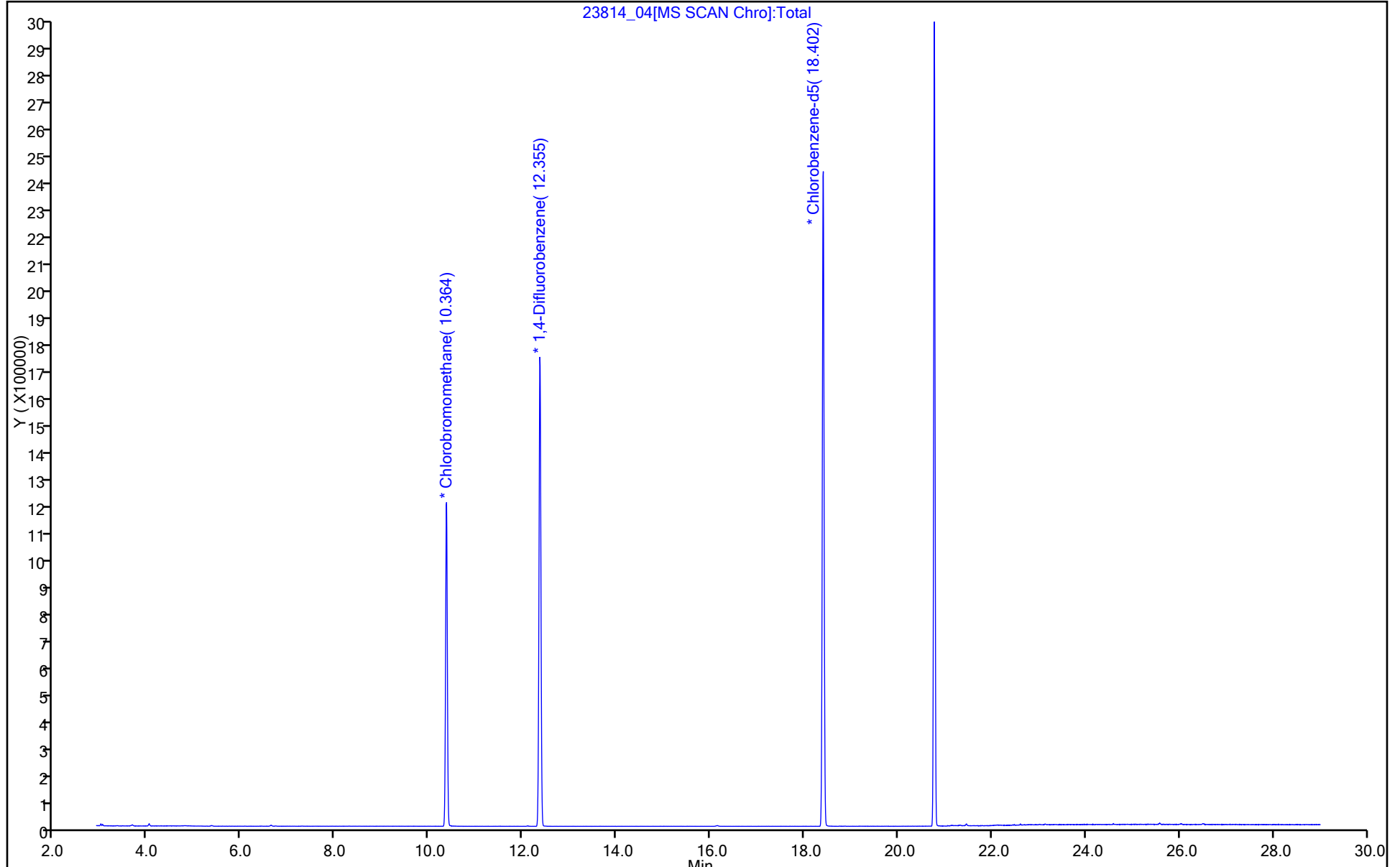
ALS Bottle#: 4

Method: TO15_MasterMethod_(v1)_CHC.i

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Lab File ID: 23929_05.D Lab Sample ID: MB 200-114093/5
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHC.i Date Analyzed: 02/14/2017 14:39
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-114093/4	23929_04.D	02/14/2017 13:46
3419	200-37354-3	23929_25.D	02/15/2017 08:35

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-114093/5
 Matrix: Air Lab File ID: 23929_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/14/2017 14:39
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114093 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-114093/5
 Matrix: Air Lab File ID: 23929_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/14/2017 14:39
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114093 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-114093/5
 Matrix: Air Lab File ID: 23929_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/14/2017 14:39
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114093 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHC.i\20170214-23929.b\23929_05.D
 Lims ID: mb
 Client ID:
 Sample Type: MB
 Inject. Date: 14-Feb-2017 14:39:30 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0023929-005
 Misc. Info.: mb
 Operator ID: pad Instrument ID: CHC.i
 Method: \\ChromNA\Burlington\ChromData\CHC.i\20170214-23929.b\TO15_MasterMethod_(v1)_CHC.i.m
 Limit Group: AI_TO15_ICAL
 Last Update: 15-Feb-2017 11:02:09 Calib Date: 25-Jan-2017 01:00:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHC.i\20170124-23629.b\23629_12.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK016

First Level Reviewer: puangmaleek

Date: 15-Feb-2017 11:02:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		2.983					ND	
2 Dichlorodifluoromethane	85		3.053					ND	
3 Chlorodifluoromethane	51		3.106					ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.314					ND	
5 Chloromethane	50		3.448					ND	
6 Butane	43		3.650					ND	
7 Vinyl chloride	62		3.693					ND	
8 Butadiene	54		3.773					ND	
10 Bromomethane	94		4.456					ND	
11 Chloroethane	64		4.697					ND	
12 2-Methylbutane	43		4.782					ND	
13 Vinyl bromide	106		5.091					ND	
14 Trichlorofluoromethane	101		5.204					ND	
16 Pentane	43		5.348					ND	
17 Ethanol	45		5.807					ND	
18 Ethyl ether	59		5.881					ND	
19 Acrolein	56		6.260					ND	
20 1,1,2-Trichloro-1,2,2-trif	101		6.308					ND	
21 1,1-Dichloroethene	96		6.335					ND	
22 Acetone	43		6.575					ND	
23 Carbon disulfide	76		6.719					ND	
24 Isopropyl alcohol	45		6.901					ND	
25 3-Chloro-1-propene	41		7.141					ND	
26 Acetonitrile	41		7.264					ND	
T 15 Methyl Acetate TIC	43		7.308					ND	
27 Methylene Chloride	49		7.440					ND	
28 2-Methyl-2-propanol	59		7.685					ND	
29 Methyl tert-butyl ether	73		7.851					ND	
31 trans-1,2-Dichloroethene	61		7.888					ND	
32 Acrylonitrile	53		8.032					ND	
33 Hexane	57		8.283					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63		8.769					ND	
35 Vinyl acetate	43		8.859					ND	
37 cis-1,2-Dichloroethene	96		9.895					ND	
38 2-Butanone (MEK)	72		9.943					ND	
39 Ethyl acetate	88		10.001					ND	
S 30 1,2-Dichloroethene, Total	61		10.200					ND	
* 40 Chlorobromomethane	128	10.359	10.359	0.000	93	369828	10.0	10.0	
41 Tetrahydrofuran	42		10.364					ND	
42 Chloroform	83		10.508					ND	
43 Cyclohexane	84		10.743					ND	
44 1,1,1-Trichloroethane	97		10.770					ND	
45 Carbon tetrachloride	117		11.026					ND	
46 Isooctane	57		11.469					ND	
47 Benzene	78		11.490					ND	
48 1,2-Dichloroethane	62		11.683					ND	
49 n-Heptane	43		11.880					ND	
* 50 1,4-Difluorobenzene	114	12.355	12.355	0.000	97	1970730	10.0	10.0	
52 n-Butanol	56		12.777					ND	
53 Trichloroethene	95		12.825					ND	
A 51 GRO	1	13.049	(4.772-21.326)		0	6456403		0	
T 36 Methyl cyclohexane TIC	55		13.179					ND	
54 1,2-Dichloropropane	63		13.380					ND	
55 Methyl methacrylate	69		13.572					ND	
56 1,4-Dioxane	88		13.614					ND	
57 Dibromomethane	174		13.647					ND	
58 Dichlorobromomethane	83		13.956					ND	
A 59 TVOC as Toluene	1	14.743	(2.973-26.513)		0	6602677		0	
60 cis-1,3-Dichloropropene	75		14.901					ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.189					ND	
65 Toluene	92		15.493					ND	
64 n-Octane	43		15.573					ND	
66 trans-1,3-Dichloropropene	75		16.101					ND	
67 1,1,2-Trichloroethane	83		16.475					ND	
68 Tetrachloroethene	166		16.582					ND	
69 2-Hexanone	43		16.923					ND	
71 Chlorodibromomethane	129		17.238					ND	
72 Ethylene Dibromide	107		17.500					ND	
* 74 Chlorobenzene-d5	117	18.396	18.396	0.000	93	1844150	10.0	10.0	
75 Chlorobenzene	112		18.460					ND	
76 Ethylbenzene	91		18.610					ND	
77 n-Nonane	57		18.754					ND	
78 m-Xylene & p-Xylene	106		18.861					ND	
T 70 1,2-Dibromo-3-Chloropropan	75		18.980					ND	
79 o-Xylene	106		19.699					ND	
80 Styrene	104		19.757					ND	
S 73 Xylenes, Total	106		20.100					ND	
81 Bromoform	173		20.184					ND	
82 Isopropylbenzene	105		20.398					ND	
84 1,1,2,2-Tetrachloroethane	83		21.059					ND	
85 N-Propylbenzene	91		21.124					ND	
86 1,2,3-Trichloropropane	75		21.150					ND	
88 4-Ethyltoluene	105		21.316					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57		21.316					ND	
89 2-Chlorotoluene	91		21.321					ND	
90 1,3,5-Trimethylbenzene	105		21.422					ND	
91 Alpha Methyl Styrene	118		21.796					ND	
92 tert-Butylbenzene	119		21.913					ND	
93 1,2,4-Trimethylbenzene	105		22.009					ND	
94 sec-Butylbenzene	105		22.244					ND	
95 4-Isopropyltoluene	119		22.447					ND	
96 1,3-Dichlorobenzene	146	22.474	22.474	0.000	84	962		0.0109	
97 1,4-Dichlorobenzene	146	22.607	22.607	0.000	90	1227		0.0139	
98 Benzyl chloride	91	22.799	22.805	-0.006	93	2056		0.0145	
100 n-Butylbenzene	91		23.013					ND	
99 Undecane	57		23.039					ND	
101 1,2-Dichlorobenzene	146	23.136	23.136	0.000	89	1092		0.0133	
102 Dodecane	57		24.587					ND	
103 1,2,4-Trichlorobenzene	180	25.574	25.574	0.000	91	2981		0.0572	
104 Hexachlorobutadiene	225		25.756					ND	
105 Naphthalene	128	26.039	26.039	0.000	95	3922		0.0306	
106 1,2,3-Trichlorobenzene	180	26.508	26.503	0.005	93	2438		0.0570	
T 107 Methyl acetylene TIC	1		0.000					ND	
T 108 1,1,1,2-Tetrachloroethane	1		0.000					ND	
T 109 1,3-Dichloropropane TIC	1		0.000					ND	
T 118 Chlorotrifluoroethene TIC	1		0.000					ND	
T 119 Difluoroethane TIC	1		0.000					ND	
T 120 Freon 115 TIC	1		0.000					ND	
T 121 1,1,1-Trifluoro-2,2-dichlo	1		0.000					ND	

Reagents:

ATTO15CISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHC.i\20170214-23929.b\23929_05.D

Injection Date: 14-Feb-2017 14:39:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: mb

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

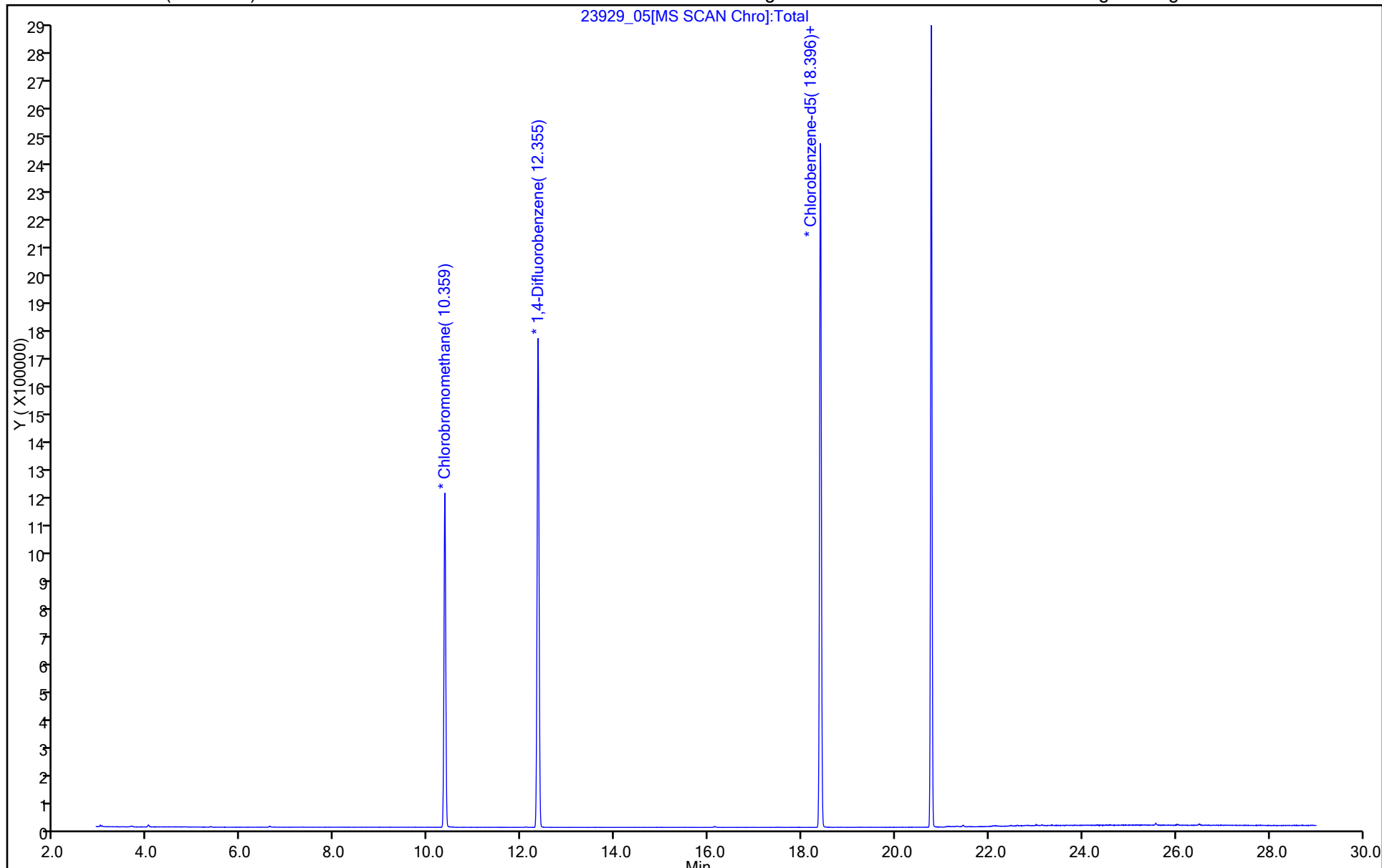
ALS Bottle#: 5

Method: TO15_MasterMethod_(v1)_CHC.i

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Lab File ID: 22729_01.D BFB Injection Date: 11/16/2016
 Instrument ID: CHB.i BFB Injection Time: 15:25
 Analysis Batch No.: 111430

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	21.8	
75	30.0 - 66.0% of mass 95	50.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	77.6	
175	4.0 - 9.0 % of mass 174	5.9	(7.6) 1
176	93.0 - 101.0% of mass 174	75.9	(97.8) 1
177	5.0 - 9.0% of mass 176	5.1	(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 200-111430/3	22729_03.D	11/16/2016	17:12
	IC 200-111430/4	22729_04.D	11/16/2016	18:04
	IC 200-111430/5	22729_05.D	11/16/2016	18:56
	IC 200-111430/6	22729_06.D	11/16/2016	19:48
	ICIS 200-111430/7	22729_07.D	11/16/2016	20:40
	IC 200-111430/8	22729_08.D	11/16/2016	21:32
	IC 200-111430/9	22729_09.D	11/16/2016	22:24
	IC 200-111430/11	22729_11.D	11/17/2016	00:09
	ICV 200-111430/15	22729_15.D	11/17/2016	03:37

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Lab File ID: 23621_01.D BFB Injection Date: 01/24/2017
 Instrument ID: CHB.i BFB Injection Time: 11:02
 Analysis Batch No.: 113473

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	25.9	
75	30.0 - 66.0% of mass 95	55.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	77.6	
175	4.0 - 9.0 % of mass 174	5.9	(7.6) 1
176	93.0 - 101.0% of mass 174	75.6	(97.4) 1
177	5.0 - 9.0% of mass 176	4.9	(6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-113473/3	23621_03.D	01/24/2017	12:48
	LCS 200-113473/4	23621_04.D	01/24/2017	13:38
	MB 200-113473/5	23621_05.D	01/24/2017	14:31
5100	200-37078-1	23621_21.D	01/25/2017	05:25

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Lab File ID: 23629_01.D BFB Injection Date: 01/24/2017
 Instrument ID: CHC.i BFB Injection Time: 15:24
 Analysis Batch No.: 113486

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	27.4	
75	30.0 - 66.0% of mass 95	55.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	70.1	
175	4.0 - 9.0 % of mass 174	5.1	(7.2) 1
176	93.0 - 101.0% of mass 174	67.3	(95.9) 1
177	5.0 - 9.0% of mass 176	4.3	(6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-113486/3	23629_03.D	01/24/2017	17:01
	IC 200-113486/4	23629_04.D	01/24/2017	17:54
	IC 200-113486/6	23629_06.D	01/24/2017	19:40
	ICIS 200-113486/7	23629_07.D	01/24/2017	20:33
	IC 200-113486/8	23629_08.D	01/24/2017	21:27
	IC 200-113486/9	23629_09.D	01/24/2017	22:20
	IC 200-113486/10	23629_10.D	01/24/2017	23:13
	IC 200-113486/12	23629_12.D	01/25/2017	01:00
	ICV 200-113486/14	23629_14.D	01/25/2017	02:45

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Lab File ID: 23814_01.D BFB Injection Date: 02/07/2017
 Instrument ID: CHC.i BFB Injection Time: 10:19
 Analysis Batch No.: 113887

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	25.7	
75	30.0 - 66.0% of mass 95	52.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	77.9	
175	4.0 - 9.0 % of mass 174	5.7	(7.4) 1
176	93.0 - 101.0% of mass 174	75.7	(97.1) 1
177	5.0 - 9.0% of mass 176	5.0	(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 200-113887/2	23814_02.D	02/07/2017	11:05
	LCS 200-113887/3	23814_03.D	02/07/2017	11:58
	MB 200-113887/4	23814_04.D	02/07/2017	12:51
5441	200-37174-1	23814_20.D	02/08/2017	03:32

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Lab File ID: 23629_01.D BFB Injection Date: 01/24/2017
 Instrument ID: CHC.i BFB Injection Time: 15:24
 Analysis Batch No.: 113486

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	27.4	
75	30.0 - 66.0% of mass 95	55.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	70.1	
175	4.0 - 9.0 % of mass 174	5.1	(7.2) 1
176	93.0 - 101.0% of mass 174	67.3	(95.9) 1
177	5.0 - 9.0% of mass 176	4.3	(6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-113486/3	23629_03.D	01/24/2017	17:01
	IC 200-113486/4	23629_04.D	01/24/2017	17:54
	IC 200-113486/6	23629_06.D	01/24/2017	19:40
	ICIS 200-113486/7	23629_07.D	01/24/2017	20:33
	IC 200-113486/8	23629_08.D	01/24/2017	21:27
	IC 200-113486/9	23629_09.D	01/24/2017	22:20
	IC 200-113486/10	23629_10.D	01/24/2017	23:13
	IC 200-113486/12	23629_12.D	01/25/2017	01:00
	ICV 200-113486/14	23629_14.D	01/25/2017	02:45

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Lab File ID: 23929_01.D BFB Injection Date: 02/14/2017
 Instrument ID: CHC.i BFB Injection Time: 11:14
 Analysis Batch No.: 114093

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	25.6	
75	30.0 - 66.0% of mass 95	52.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	78.2	
175	4.0 - 9.0 % of mass 174	5.7	(7.3) 1
176	93.0 - 101.0% of mass 174	76.6	(97.9) 1
177	5.0 - 9.0% of mass 176	5.0	(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 200-114093/3	23929_03.D	02/14/2017	12:53
	LCS 200-114093/4	23929_04.D	02/14/2017	13:46
	MB 200-114093/5	23929_05.D	02/14/2017	14:39
3419	200-37354-3	23929_25.D	02/15/2017	08:35

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

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Sample No.: ICIS 200-111430/7 Date Analyzed: 11/16/2016 20:40
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 22729_07.D Heated Purge: (Y/N) N
 Calibration ID: 36056

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	251588	9.72	1311574	11.14	1132553	15.26
UPPER LIMIT	352223	10.05	1836204	11.47	1585574	15.59
LOWER LIMIT	150953	9.39	786944	10.81	679532	14.93
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-111430/15	290098	9.73	1510794	11.14	1292863	15.26

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Sample No.: CCVIS 200-113473/3 Date Analyzed: 01/24/2017 12:48
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 23621_03.D Heated Purge: (Y/N) N
 Calibration ID: 36056

	BCM		DFBZ		CBNZd5		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	180480	9.71	952385	11.13	821079	15.25	
UPPER LIMIT	252672	10.04	1333339	11.46	1149511	15.58	
LOWER LIMIT	108288	9.38	571431	10.80	492647	14.92	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-113473/4	193504	9.71	1034661	11.13	893556	15.25	
MB 200-113473/5	209730	9.70	1130741	11.12	920787	15.25	
200-37078-1	5100	143306	9.70	778015	11.12	638271	15.25

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Sample No.: ICIS 200-113486/7 Date Analyzed: 01/24/2017 20:33
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 23629_07.D Heated Purge: (Y/N) N
 Calibration ID: 36478

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	265449	10.37	1465605	12.37	1440978	18.41
UPPER LIMIT	371629	10.70	2051847	12.70	2017369	18.74
LOWER LIMIT	159269	10.04	879363	12.04	864587	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-113486/14	309612	10.37	1733100	12.37	1693460	18.41

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Sample No.: CCVIS 200-113887/2 Date Analyzed: 02/07/2017 11:05
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 23814_02.D Heated Purge: (Y/N) N
 Calibration ID: 36478

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	341142	10.36	1784935	12.36	1729476	18.40
UPPER LIMIT	477599	10.69	2498909	12.69	2421266	18.73
LOWER LIMIT	204685	10.03	1070961	12.03	1037686	18.07
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 200-113887/3	349300	10.36	1845384	12.36	1805606	18.40
MB 200-113887/4	358033	10.36	1890884	12.36	1783998	18.40
200-37174-1	5441	357446	10.36	1831213	12.36	1731101

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Sample No.: ICIS 200-113486/7 Date Analyzed: 01/24/2017 20:33
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 23629_07.D Heated Purge: (Y/N) N
 Calibration ID: 36478

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	265449	10.37	1465605	12.37	1440978	18.41
UPPER LIMIT	371629	10.70	2051847	12.70	2017369	18.74
LOWER LIMIT	159269	10.04	879363	12.04	864587	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-113486/14	309612	10.37	1733100	12.37	1693460	18.41

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Sample No.: CCVIS 200-114093/3 Date Analyzed: 02/14/2017 12:53
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 23929_03.D Heated Purge: (Y/N) N
 Calibration ID: 36478

	BCM		DFBZ		CBNZd5		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	334967	10.36	1786502	12.36	1749134	18.40	
UPPER LIMIT	468954	10.69	2501103	12.69	2448788	18.73	
LOWER LIMIT	200980	10.03	1071901	12.03	1049480	18.07	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-114093/4	357588	10.36	1895906	12.36	1809359	18.40	
MB 200-114093/5	369828	10.36	1970730	12.36	1844150	18.40	
200-37354-3	3419	284278	10.36	1465884	12.35	1396391	18.40

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Client Sample ID: 5100 Lab Sample ID: 200-37078-1
 Matrix: Air Lab File ID: 23621_21.D
 Analysis Method: TO-15 Date Collected: 01/23/2017 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 01/25/2017 05:25
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113473 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U *	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U *	0.040	0.040
110-54-3	n-Hexane	0.040	U *	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Client Sample ID: 5100 Lab Sample ID: 200-37078-1
 Matrix: Air Lab File ID: 23621_21.D
 Analysis Method: TO-15 Date Collected: 01/23/2017 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 01/25/2017 05:25
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113473 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Client Sample ID: 5100 Lab Sample ID: 200-37078-1
 Matrix: Air Lab File ID: 23621_21.D
 Analysis Method: TO-15 Date Collected: 01/23/2017 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 01/25/2017 05:25
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113473 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170124-23621.b\23621_21.D
 Lims ID: 200-37078-A-1
 Client ID: 5100
 Sample Type: Client
 Inject. Date: 25-Jan-2017 05:25:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0023621-021
 Misc. Info.: 37078-01
 Operator ID: pad Instrument ID: CHB.i
 Method: \\ChromNA\Burlington\ChromData\CHB.i\20170124-23621.b\TO15_LL NJ_TO3.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Jan-2017 10:55:39 Calib Date: 17-Nov-2016 00:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHB.i\20161116-22729.b\22729_11.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: daiglep

Date: 26-Jan-2017 10:54:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.049				ND	
2 Dichlorodifluoromethane	85		3.108				ND	
3 Chlorodifluoromethane	51		3.145				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.327				ND	
5 Chloromethane	50		3.455				ND	
6 Butane	43		3.626				ND	
7 Vinyl chloride	62		3.663				ND	
8 Butadiene	54		3.727				ND	
10 Bromomethane	94		4.389				ND	
11 Chloroethane	64		4.629				ND	
13 Vinyl bromide	106		5.045				ND	
14 Trichlorofluoromethane	101		5.141				ND	
16 Ethanol	45		5.627				ND	
19 1,1,2-Trichloro-1,2,2-trif	101		6.198				ND	
20 1,1-Dichloroethene	96		6.267				ND	
21 Acetone	43		6.427				ND	
22 Isopropyl alcohol	45		6.662				ND	
23 Carbon disulfide	76		6.705				ND	
24 3-Chloro-1-propene	41		6.988				ND	
27 Methylene Chloride	49		7.249				ND	
28 2-Methyl-2-propanol	59		7.377				ND	
29 Methyl tert-butyl ether	73		7.607				ND	
30 trans-1,2-Dichloroethene	61		7.666				ND	
32 Hexane	57		7.996				ND	
33 1,1-Dichloroethane	63		8.418				ND	
34 Vinyl acetate	43		8.429				ND	
36 2-Butanone (MEK)	72		9.325				ND	
37 cis-1,2-Dichloroethene	96		9.336				ND	
35 Ethyl acetate	88		9.341				ND	
* 39 Chlorobromomethane	128	9.704	9.710	-0.006	91	143306	10.0	
38 Tetrahydrofuran	42		9.720				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
40 Chloroform	83		9.784				ND	
S 41 1,2-Dichloroethene, Total	61		10.000				ND	
42 1,1,1-Trichloroethane	97		10.040				ND	
43 Cyclohexane	84		10.051				ND	
44 Carbon tetrachloride	117		10.249				ND	
45 Isooctane	57		10.537				ND	
46 Benzene	78		10.579				ND	
47 1,2-Dichloroethane	62		10.686				ND	
48 n-Heptane	43		10.788				ND	
* 50 1,4-Difluorobenzene	114	11.124	11.129	-0.005	98	778015	10.0	
53 Trichloroethene	95		11.497				ND	
54 1,2-Dichloropropane	63		11.871				ND	
55 Methyl methacrylate	69		11.908				ND	
56 1,4-Dioxane	88		12.004				ND	
57 Dibromomethane	174		12.063				ND	
58 Dichlorobromomethane	83		12.234				ND	
60 cis-1,3-Dichloropropene	75		12.864				ND	
61 4-Methyl-2-pentanone (MIBK)	43		13.013				ND	
64 Toluene	92		13.296				ND	
66 trans-1,3-Dichloropropene	75		13.659				ND	
67 1,1,2-Trichloroethane	83		13.931				ND	
68 Tetrachloroethene	166		14.070				ND	
69 2-Hexanone	43		14.193				ND	
70 Chlorodibromomethane	129		14.486				ND	
71 Ethylene Dibromide	107		14.689				ND	
* 72 Chlorobenzene-d5	117	15.249	15.249	0.000	93	638271	10.0	
73 Chlorobenzene	112		15.292				ND	
74 Ethylbenzene	91		15.356				ND	
76 m-Xylene & p-Xylene	106		15.505				ND	
S 77 Xylenes, Total	106		16.000				ND	
78 o-Xylene	106		16.018				ND	
79 Styrene	104		16.039				ND	
80 Bromoform	173		16.333				ND	
81 Isopropylbenzene	105		16.429				ND	
83 1,1,2,2-Tetrachloroethane	83		16.834				ND	
84 N-Propylbenzene	91		16.904				ND	
87 4-Ethyltoluene	105		17.032				ND	
88 2-Chlorotoluene	91		17.075				ND	
89 1,3,5-Trimethylbenzene	105		17.096				ND	
91 tert-Butylbenzene	119		17.475				ND	
92 1,2,4-Trimethylbenzene	105		17.544				ND	
93 sec-Butylbenzene	105		17.731				ND	
94 4-Isopropyltoluene	119		17.886				ND	
95 1,3-Dichlorobenzene	146		17.966				ND	
96 1,4-Dichlorobenzene	146		18.078				ND	
97 Benzyl chloride	91		18.227				ND	
99 n-Butylbenzene	91		18.393				ND	
100 1,2-Dichlorobenzene	146		18.564				ND	
103 1,2,4-Trichlorobenzene	180		20.938				ND	
104 Hexachlorobutadiene	225		21.099				ND	
105 Naphthalene	128		21.424				ND	

Reagents:

ATTO15BISs_00006

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHB.i\20170124-23621.b\23621_21.D

Injection Date: 25-Jan-2017 05:25:30

Instrument ID: CHB.i

Operator ID: pad

Lims ID: 200-37078-A-1

Lab Sample ID: 200-37078-1

Worklist Smp#: 21

Client ID: 5100

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

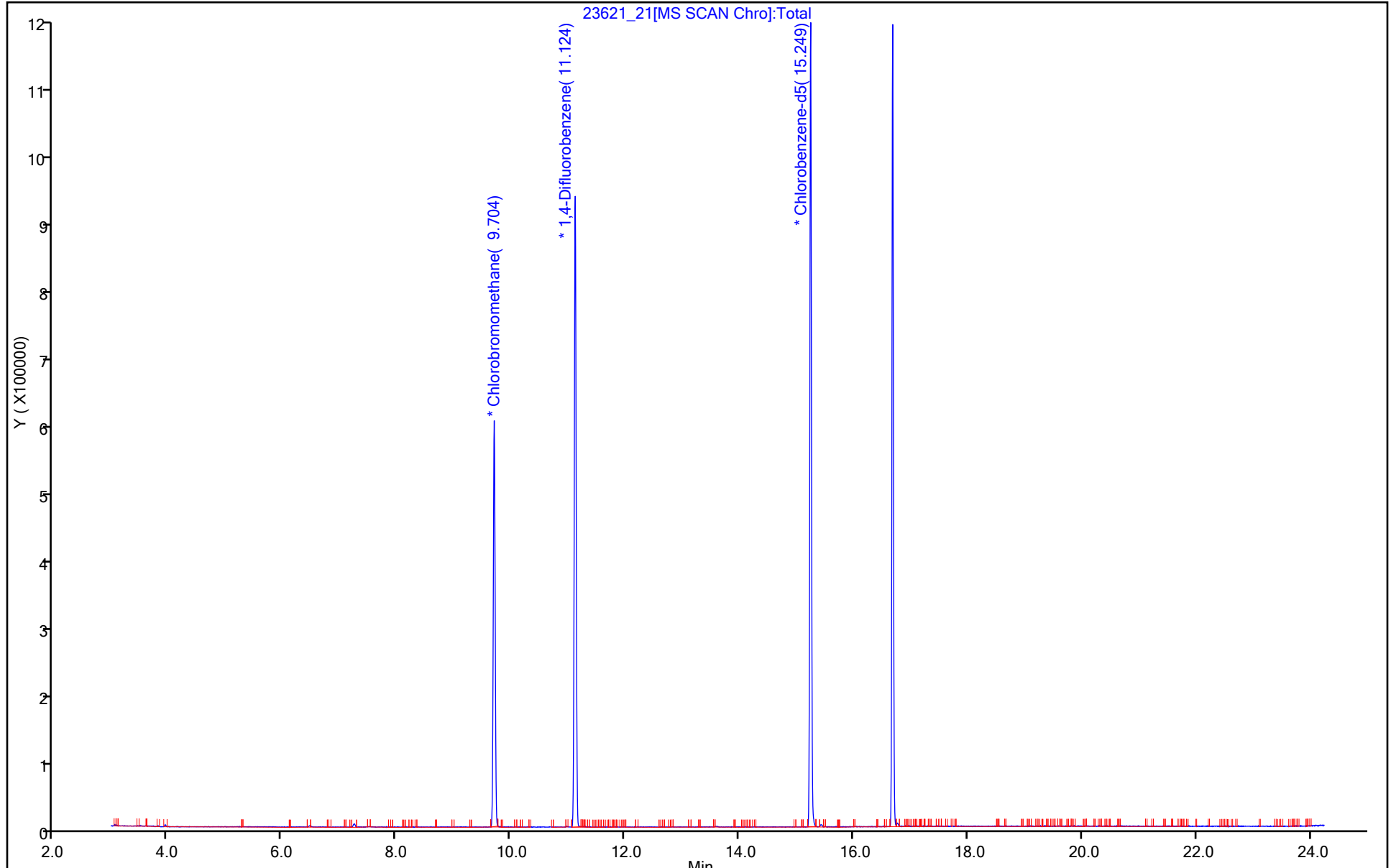
ALS Bottle#: 20

Method: TO15_LLNJ_TO3

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Client Sample ID: 5441 Lab Sample ID: 200-37174-1
 Matrix: Air Lab File ID: 23814_20.D
 Analysis Method: TO-15 Date Collected: 01/30/2017 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 02/08/2017 03:32
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113887 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Client Sample ID: 5441 Lab Sample ID: 200-37174-1
 Matrix: Air Lab File ID: 23814_20.D
 Analysis Method: TO-15 Date Collected: 01/30/2017 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 02/08/2017 03:32
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113887 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Client Sample ID: 5441 Lab Sample ID: 200-37174-1
 Matrix: Air Lab File ID: 23814_20.D
 Analysis Method: TO-15 Date Collected: 01/30/2017 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 02/08/2017 03:32
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 113887 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHC.i\20170207-23814.b\23814_20.D
 Lims ID: 200-37174-A-1
 Client ID: 5441
 Sample Type: Client
 Inject. Date: 08-Feb-2017 03:32:30 ALS Bottle#: 20 Worklist Smp#: 20
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0023814-020
 Misc. Info.: 37174-01
 Operator ID: pad Instrument ID: CHC.i
 Method: \\ChromNA\Burlington\ChromData\CHC.i\20170207-23814.b\TO15_MasterMethod_(v1)_CHC.i.m
 Limit Group: AI_TO15_ICAL
 Last Update: 08-Feb-2017 02:15:23 Calib Date: 25-Jan-2017 01:00:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHC.i\20170124-23629.b\23629_12.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: puangmaleek

Date: 08-Feb-2017 16:18:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.989				ND	
2 Dichlorodifluoromethane	85		3.058				ND	
3 Chlorodifluoromethane	51		3.111				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.325				ND	
5 Chloromethane	50		3.453				ND	
6 Butane	43		3.661				ND	
7 Vinyl chloride	62		3.698				ND	
8 Butadiene	54		3.778				ND	
10 Bromomethane	94		4.462				ND	
11 Chloroethane	64		4.707				ND	
13 Vinyl bromide	106		5.102				ND	
14 Trichlorofluoromethane	101		5.209				ND	
17 Ethanol	45		5.812				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		6.313				ND	
21 1,1-Dichloroethene	96		6.346				ND	
22 Acetone	43		6.580				ND	
23 Carbon disulfide	76		6.719				ND	
24 Isopropyl alcohol	45		6.906				ND	
25 3-Chloro-1-propene	41		7.146				ND	
27 Methylene Chloride	49		7.445				ND	
28 2-Methyl-2-propanol	59		7.690				ND	
29 Methyl tert-butyl ether	73		7.856				ND	
31 trans-1,2-Dichloroethene	61		7.893				ND	
33 Hexane	57		8.288				ND	
34 1,1-Dichloroethane	63		8.774				ND	
35 Vinyl acetate	43		8.859				ND	
37 cis-1,2-Dichloroethene	96		9.900				ND	
38 2-Butanone (MEK)	72		9.948				ND	
39 Ethyl acetate	88		10.001				ND	
S 30 1,2-Dichloroethene, Total	61		10.200				ND	
* 40 Chlorobromomethane	128	10.359	10.364	-0.005	93	357446	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Tetrahydrofuran	42		10.370				ND	
42 Chloroform	83		10.508				ND	
43 Cyclohexane	84		10.748				ND	
44 1,1,1-Trichloroethane	97		10.775				ND	
45 Carbon tetrachloride	117		11.026				ND	
46 Isooctane	57		11.474				ND	
47 Benzene	78		11.496				ND	
48 1,2-Dichloroethane	62		11.682				ND	
49 n-Heptane	43		11.880				ND	
* 50 1,4-Difluorobenzene	114	12.355	12.360	-0.005	97	1831213	10.0	
53 Trichloroethene	95		12.830				ND	
54 1,2-Dichloropropane	63		13.385				ND	
55 Methyl methacrylate	69		13.572				ND	
56 1,4-Dioxane	88		13.620				ND	
57 Dibromomethane	174		13.646				ND	
58 Dichlorobromomethane	83		13.961				ND	
60 cis-1,3-Dichloropropene	75		14.906				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.194				ND	
65 Toluene	92		15.493				ND	
66 trans-1,3-Dichloropropene	75		16.107				ND	
67 1,1,2-Trichloroethane	83		16.475				ND	
68 Tetrachloroethene	166		16.582				ND	
69 2-Hexanone	43		16.929				ND	
71 Chlorodibromomethane	129		17.238				ND	
72 Ethylene Dibromide	107		17.500				ND	
* 74 Chlorobenzene-d5	117	18.402	18.402	0.000	92	1731101	10.0	
75 Chlorobenzene	112		18.460				ND	
76 Ethylbenzene	91		18.615				ND	
78 m-Xylene & p-Xylene	106		18.866				ND	
79 o-Xylene	106		19.704				ND	
80 Styrene	104		19.757				ND	
S 73 Xylenes, Total	106		20.100				ND	
81 Bromoform	173		20.184				ND	
82 Isopropylbenzene	105		20.398				ND	
84 1,1,2,2-Tetrachloroethane	83		21.065				ND	
85 N-Propylbenzene	91		21.129				ND	
88 4-Ethyltoluene	105		21.321				ND	
89 2-Chlorotoluene	91		21.326				ND	
90 1,3,5-Trimethylbenzene	105		21.428				ND	
92 tert-Butylbenzene	119		21.919				ND	
93 1,2,4-Trimethylbenzene	105		22.015				ND	
94 sec-Butylbenzene	105		22.244				ND	
95 4-Isopropyltoluene	119		22.447				ND	
96 1,3-Dichlorobenzene	146		22.474				ND	
97 1,4-Dichlorobenzene	146		22.612				ND	
98 Benzyl chloride	91		22.805				ND	
100 n-Butylbenzene	91		23.013				ND	
101 1,2-Dichlorobenzene	146		23.135				ND	
103 1,2,4-Trichlorobenzene	180		25.574				ND	
104 Hexachlorobutadiene	225		25.761				ND	
105 Naphthalene	128		26.039				ND	

Reagents:

ATTO15CISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHC.i\20170207-23814.b\23814_20.D

Injection Date: 08-Feb-2017 03:32:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: 200-37174-A-1

Lab Sample ID: 200-37174-1

Worklist Smp#: 20

Client ID: 5441

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

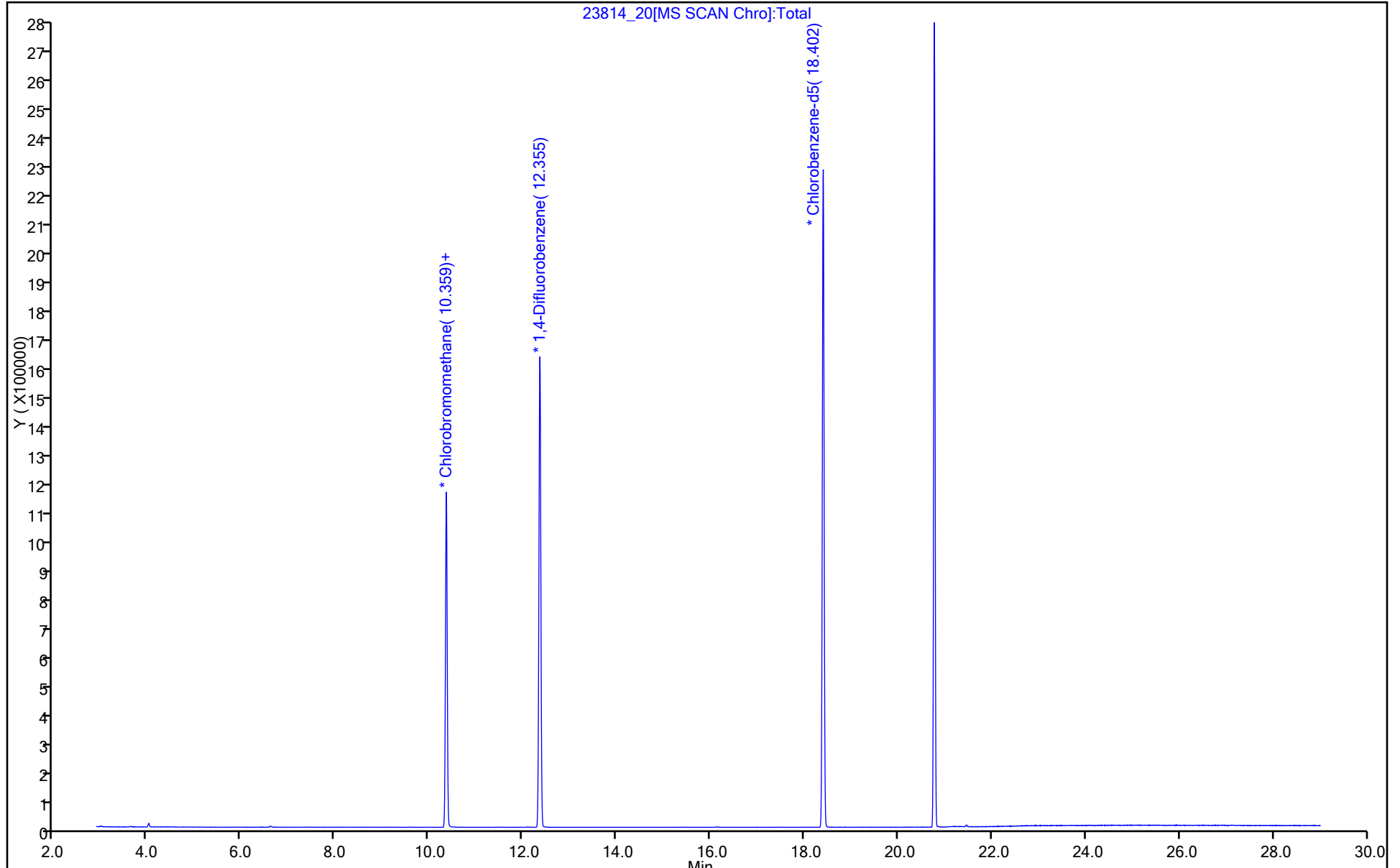
ALS Bottle#: 20

Method: TO15_MasterMethod_(v1)_CHC.i

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Client Sample ID: 3419 Lab Sample ID: 200-37354-3
 Matrix: Air Lab File ID: 23929_25.D
 Analysis Method: TO-15 Date Collected: 02/13/2017 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 02/15/2017 08:35
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114093 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Client Sample ID: 3419 Lab Sample ID: 200-37354-3
 Matrix: Air Lab File ID: 23929_25.D
 Analysis Method: TO-15 Date Collected: 02/13/2017 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 02/15/2017 08:35
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114093 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Client Sample ID: 3419 Lab Sample ID: 200-37354-3
 Matrix: Air Lab File ID: 23929_25.D
 Analysis Method: TO-15 Date Collected: 02/13/2017 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 02/15/2017 08:35
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 114093 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\ChromNA\Burlington\ChromData\CHC.i\20170214-23929.b\23929_25.D
 Lims ID: 200-37354-A-3
 Client ID: 3419
 Sample Type: Client
 Inject. Date: 15-Feb-2017 08:35:30 ALS Bottle#: 7 Worklist Smp#: 25
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0023929-025
 Misc. Info.: 37354-3
 Operator ID: pad Instrument ID: CHC.i
 Method: \\ChromNA\Burlington\ChromData\CHC.i\20170214-23929.b\TO15_MasterMethod_(v1)_CHC.i.m
 Limit Group: AI_TO15_ICAL
 Last Update: 15-Feb-2017 11:27:19 Calib Date: 25-Jan-2017 01:00:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Burlington\ChromData\CHC.i\20170124-23629.b\23629_12.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK007

First Level Reviewer: daiglep

Date: 15-Feb-2017 11:27:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.983				ND	
2 Dichlorodifluoromethane	85		3.053				ND	
3 Chlorodifluoromethane	51		3.106				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.314				ND	
5 Chloromethane	50		3.448				ND	
6 Butane	43		3.650				ND	
7 Vinyl chloride	62		3.693				ND	
8 Butadiene	54		3.773				ND	
10 Bromomethane	94		4.456				ND	
11 Chloroethane	64		4.697				ND	
13 Vinyl bromide	106		5.091				ND	
14 Trichlorofluoromethane	101		5.204				ND	
17 Ethanol	45		5.807				ND	
20 1,1,2-Trichloro-1,2,2-trif	101		6.308				ND	
21 1,1-Dichloroethene	96		6.335				ND	
22 Acetone	43		6.575				ND	
23 Carbon disulfide	76		6.719				ND	
24 Isopropyl alcohol	45		6.901				ND	
25 3-Chloro-1-propene	41		7.141				ND	
27 Methylene Chloride	49		7.440				ND	
28 2-Methyl-2-propanol	59		7.685				ND	
29 Methyl tert-butyl ether	73		7.851				ND	
31 trans-1,2-Dichloroethene	61		7.888				ND	
33 Hexane	57		8.283				ND	
34 1,1-Dichloroethane	63		8.769				ND	
35 Vinyl acetate	43		8.859				ND	
37 cis-1,2-Dichloroethene	96		9.895				ND	
38 2-Butanone (MEK)	72		9.943				ND	
39 Ethyl acetate	88		10.001				ND	
S 30 1,2-Dichloroethene, Total	61		10.200				ND	
* 40 Chlorobromomethane	128	10.359	10.359	0.000	92	284278	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Tetrahydrofuran	42	10.412	10.364	0.048	93	5441	0.1391	
42 Chloroform	83		10.508				ND	
43 Cyclohexane	84		10.743				ND	
44 1,1,1-Trichloroethane	97		10.770				ND	
45 Carbon tetrachloride	117		11.026				ND	
46 Isooctane	57		11.469				ND	
47 Benzene	78		11.490				ND	
48 1,2-Dichloroethane	62		11.683				ND	
49 n-Heptane	43		11.880				ND	
* 50 1,4-Difluorobenzene	114	12.350	12.355	-0.005	98	1465884	10.0	
53 Trichloroethene	95		12.825				ND	
54 1,2-Dichloropropane	63		13.380				ND	
55 Methyl methacrylate	69		13.572				ND	
56 1,4-Dioxane	88		13.614				ND	
57 Dibromomethane	174		13.647				ND	
58 Dichlorobromomethane	83		13.956				ND	
60 cis-1,3-Dichloropropene	75		14.901				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.189				ND	
65 Toluene	92		15.493				ND	
66 trans-1,3-Dichloropropene	75		16.101				ND	
67 1,1,2-Trichloroethane	83		16.475				ND	
68 Tetrachloroethene	166		16.582				ND	
69 2-Hexanone	43		16.923				ND	
71 Chlorodibromomethane	129		17.238				ND	
72 Ethylene Dibromide	107		17.500				ND	
* 74 Chlorobenzene-d5	117	18.396	18.396	0.000	93	1396391	10.0	
75 Chlorobenzene	112		18.460				ND	
76 Ethylbenzene	91		18.610				ND	
78 m-Xylene & p-Xylene	106	18.850	18.861	-0.011	0	1040	0.0237	
79 o-Xylene	106		19.699				ND	
80 Styrene	104		19.757				ND	
S 73 Xylenes, Total	106				0		0.0237	
81 Bromoform	173		20.184				ND	
82 Isopropylbenzene	105		20.398				ND	
84 1,1,2,2-Tetrachloroethane	83		21.059				ND	
85 N-Propylbenzene	91		21.124				ND	
88 4-Ethyltoluene	105		21.316				ND	
89 2-Chlorotoluene	91		21.321				ND	
90 1,3,5-Trimethylbenzene	105		21.422				ND	
92 tert-Butylbenzene	119		21.913				ND	
93 1,2,4-Trimethylbenzene	105		22.009				ND	
94 sec-Butylbenzene	105		22.244				ND	
95 4-Isopropyltoluene	119		22.447				ND	
96 1,3-Dichlorobenzene	146		22.474				ND	
97 1,4-Dichlorobenzene	146		22.607				ND	
98 Benzyl chloride	91		22.805				ND	
100 n-Butylbenzene	91		23.013				ND	
101 1,2-Dichlorobenzene	146		23.136				ND	
103 1,2,4-Trichlorobenzene	180		25.574				ND	
104 Hexachlorobutadiene	225		25.756				ND	
105 Naphthalene	128		26.039				ND	

Reagents:

ATTO15CISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

TestAmerica Burlington

Data File: \\ChromNA\Burlington\ChromData\CHC.i\20170214-23929.b\23929_25.D

Injection Date: 15-Feb-2017 08:35:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: 200-37354-A-3

Lab Sample ID: 200-37354-3

Worklist Smp#: 25

Client ID: 3419

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

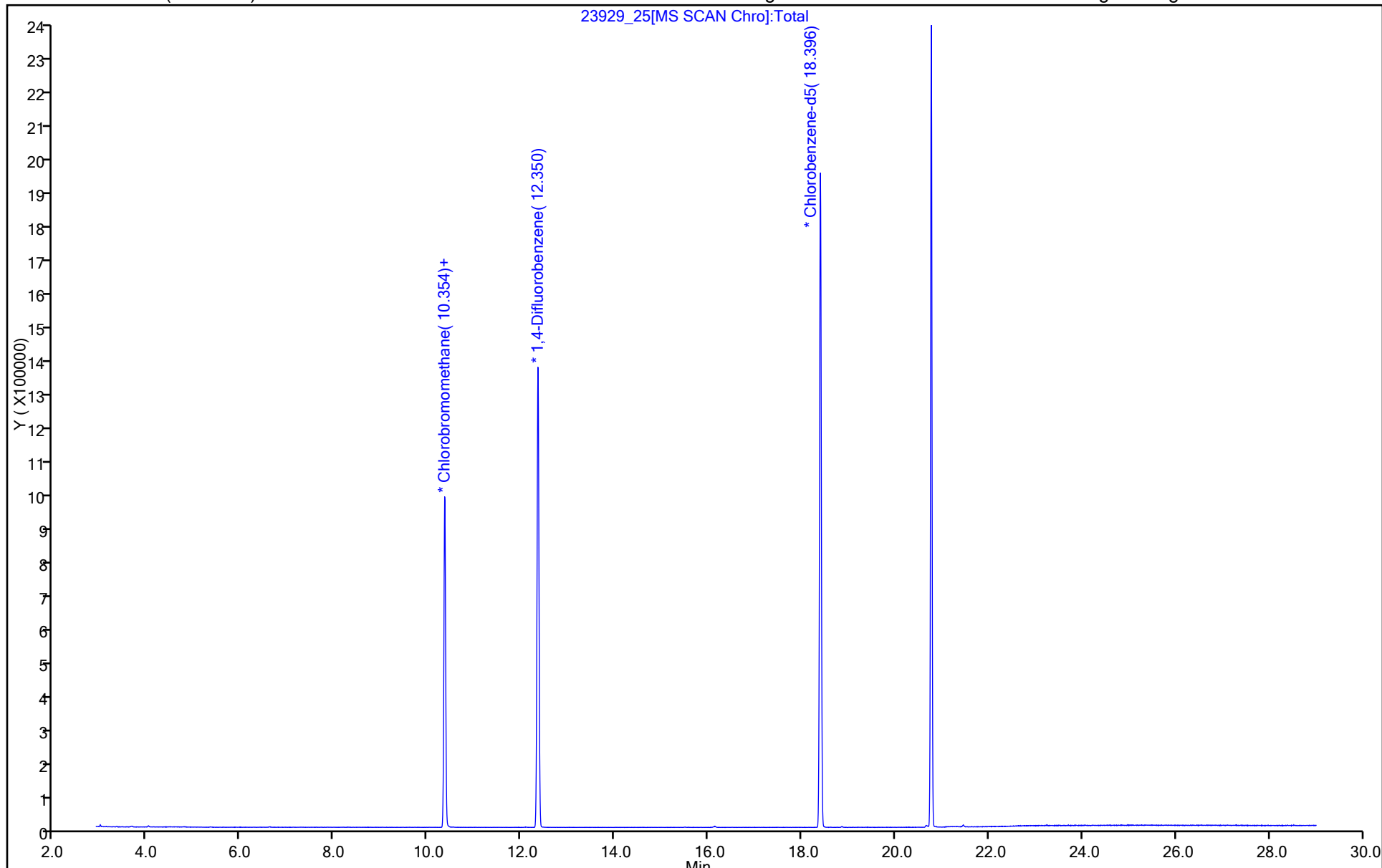
ALS Bottle#: 7

Method: TO15_MasterMethod_(v1)_CHC.i

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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

Lab Name: TestAmerica Burlington Job No.: 200-37078-1 Analy Batch No.: 111430

SDG No.: _____

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2016 17:12 Calibration End Date: 11/17/2016 00:09 Calibration ID: 36056

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-111430/3	22729_03.D
Level 2	IC 200-111430/4	22729_04.D
Level 3	IC 200-111430/5	22729_05.D
Level 4	IC 200-111430/6	22729_06.D
Level 5	ICIS 200-111430/7	22729_07.D
Level 6	IC 200-111430/8	22729_08.D
Level 7	IC 200-111430/9	22729_09.D
Level 8	IC 200-111430/11	22729_11.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	+++++ 1.1218	+++++ 1.0136	+++++ 0.9630	1.2997	1.1984	Ave		1.1193			12.2		30.0				
Dichlorodifluoromethane	+++++ 2.9300	+++++ 2.7003	+++++ 3.1299 2.6169	3.1190	3.0459	Ave		2.9237			7.5		30.0				
Freon 22	+++++ 2.0449	+++++ 1.8606	+++++ 2.3604 1.7897	2.2477	2.1640	Ave		2.0779			10.7		30.0				
1,2-Dichlorotetrafluoroethane	+++++ 2.9728	+++++ 2.8069 2.7697	+++++ 3.0221 2.7462	3.0676	3.0222	Ave		2.9153			4.7		30.0				
Chloromethane	+++++ 1.3172	+++++ 1.1997	+++++ 1.5853 1.1636	1.4306	1.3729	Ave		1.3449			11.5		30.0				
n-Butane	+++++ 2.2971	+++++ 2.1064	+++++ 2.5243 2.0160	2.5353	2.4134	Ave		2.3154			9.4		30.0				
Vinyl chloride	1.3909 1.4284	1.3669 1.3306	1.4810 1.2983	1.4555	1.4552	Ave		1.4008			4.7		30.0				
1,3-Butadiene	0.9939 1.1174	1.0177 1.0392	1.1520 1.0085	1.1575	1.1494	Ave		1.0794			6.6		30.0				
Bromomethane	+++++ 1.1742	1.0779 1.1151	1.1466 1.1087	1.1587	1.1720	Ave		1.1362			3.2		30.0				
Chloroethane	+++++ 0.8039	+++++ 0.7536	+++++ 0.7874 0.7405	0.8027	0.8056	Ave		0.7823			3.6		30.0				
Isopentane	+++++ 1.8304	1.8522 1.6844	1.9416 1.6407	1.9306	1.8721	Ave		1.8217			6.4		30.0				
Bromoethene (Vinyl Bromide)	+++++ 1.1869	0.9840 1.1309	1.1540 1.1172	1.1365	1.1555	Ave		1.1236			5.8		30.0				
Trichlorofluoromethane	+++++ 2.8952	2.7295 2.7089	2.9821 2.6520	2.9838	2.9079	Ave		2.8371			4.8		30.0				
n-Pentane	+++++ 2.8009	+++++ 2.5956	+++++ 2.9717 2.5338	2.9463	2.8574	Ave		2.7843			6.5		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37078-1 Analy Batch No.: 111430
 SDG No.: _____
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 11/16/2016 17:12 Calibration End Date: 11/17/2016 00:09 Calibration ID: 36056

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.8666	++++ 0.6690	1.0481 0.6436	0.9422	0.8318	Ave		0.8336			18.7		30.0				
Ethyl ether	++++ 1.0063	0.8483 0.9413	0.9795 0.9274	0.9853	0.9890	Ave		0.9539			5.7		30.0				
Acrolein	++++ 0.4507	++++ 0.4330	++++ 0.4362	0.2441	0.5355	Ave		0.4199			25.4		30.0				
Freon TF	++++ 2.2592	2.0474 2.1595	2.2749 2.1479	2.2236	2.2037	Ave		2.1881			3.6		30.0				
1,1-Dichloroethene	++++ 1.1440	1.0735 1.0949	1.1554 1.0926	1.1258	1.1187	Ave		1.1150			2.6		30.0				
Acetone	++++ 2.1906	++++ 1.9461	++++ 1.8714	2.3504	2.1483	Ave		2.1014			9.2		30.0				
Isopropyl alcohol	++++ 2.3138	++++ 2.0098	++++ 1.9262	2.5483	2.2155	Ave		2.2027			11.2		30.0				
Carbon disulfide	++++ 3.5218	++++ 3.3268	3.5486 3.3041	3.4574	3.4693	Ave		3.4380			2.9		30.0				
3-Chloropropene	++++ 1.9865	1.9944 1.8748	2.0252 1.7467	2.1680	2.1455	Ave		1.9916			7.4		30.0				
Acetonitrile	++++ 1.2155	++++ 1.1479	++++ 1.0989	1.3301	1.2696	Ave		1.2124			7.6		30.0				
Methylene Chloride	++++ 1.6995	++++ 1.5680	2.2525 1.5353	1.7976	1.7320	Ave		1.7642			14.7		30.0				
tert-Butyl alcohol	++++ 2.8388	++++ 2.5539	++++ 2.4543	2.8823	2.7156	Ave		2.6890			6.8		30.0				
Methyl tert-butyl ether	++++ 3.7870	3.4053 3.5867	3.7709 3.5406	3.7537	3.7297	Ave		3.6534			4.0		30.0				
trans-1,2-Dichloroethene	++++ 2.0150	1.8365 1.9001	2.0520 1.8873	2.0559	2.0222	Ave		1.9670			4.6		30.0				
Acrylonitrile	++++ 1.1461	++++ 1.0697	1.1292 1.0486	1.1543	1.1573	Ave		1.1175			4.2		30.0				
n-Hexane	++++ 2.3421	2.1637 2.2134	2.3472 2.1910	2.3921	2.3380	Ave		2.2839			4.0		30.0				
1,1-Dichloroethane	2.7396 2.6417	2.4008 2.4685	2.6720 2.4483	2.6716	2.6201	Ave		2.5828			4.8		30.0				
Vinyl acetate	++++ 4.3288	++++ 3.9982	++++ 3.9508	4.4226	4.3770	Ave		4.2155			5.3		30.0				
Methyl Ethyl Ketone	++++ 0.7453	++++ 0.6993	0.8444 0.6969	0.6958	0.7204	Ave		0.7337			7.8		30.0				
cis-1,2-Dichloroethene	++++ 1.3539	1.2142 1.3001	1.3200 1.2976	1.3409	1.3349	Ave		1.3088			3.6		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37078-1 Analy Batch No.: 111430
 SDG No.: _____
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 11/16/2016 17:12 Calibration End Date: 11/17/2016 00:09 Calibration ID: 36056

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1177	++++ 0.1104	++++ 0.1124	0.1091	0.1142	Ave		0.1128			3.0		30.0				
Tetrahydrofuran	++++ 0.3856	++++ 0.3523	++++ 0.3552	0.3975	0.3865	Ave		0.3754			5.4		30.0				
Chloroform	++++ 2.6010	2.4522 2.4569	2.6039 2.4270	2.6484	2.5950	Ave		2.5406			3.6		30.0				
1,1,1-Trichloroethane	++++ 0.4860	0.4421 0.4567	0.4893 0.4694	0.4872	0.4784	Ave		0.4727			3.8		30.0				
Cyclohexane	++++ 0.3739	0.3062 0.3587	0.3601 0.3750	0.3599	0.3612	Ave		0.3564			6.5		30.0				
Carbon tetrachloride	0.4893 0.4747	0.4386 0.4469	0.4095 0.4626	0.4823	0.4762	Ave		0.4600			5.8		30.0				
2,2,4-Trimethylpentane	++++ 1.5877	1.4232 1.5022	1.5339 1.5497	1.5727	1.5506	Ave		1.5314			3.6		30.0				
Benzene	++++ 0.8588	0.8256 0.8151	0.8758 0.8458	0.8369	0.8353	Ave		0.8419			2.4		30.0				
1,2-Dichloroethane	++++ 0.3370	0.3392 0.3124	0.3598 0.3149	0.3507	0.3414	Ave		0.3365			5.2		30.0				
n-Heptane	++++ 0.6404	0.6092 0.5932	0.6741 0.6067	0.6626	0.6367	Ave		0.6318			4.8		30.0				
n-Butanol	++++ 0.1809	++++ 0.1613	++++ 0.1610	0.1781	0.1802	Ave		0.1723			5.9		30.0				
Trichloroethene	0.3571 0.3391	0.3186 0.3208	0.3227 0.3350	0.3250	0.3238	Ave		0.3303			3.9		30.0				
1,2-Dichloropropane	++++ 0.3603	0.3245 0.3410	0.3608 0.3514	0.3575	0.3561	Ave		0.3502			3.8		30.0				
Methyl methacrylate	++++ 0.3340	++++ 0.3165	++++ 0.3290	0.3024	0.3176	Ave		0.3207			3.5		30.0				
1,4-Dioxane	++++ 0.1401	++++ 0.1214	++++ 0.1195	0.1346	0.1290	Ave		0.1289			6.7		30.0				
Dibromomethane	++++ 0.2722	0.2521 0.2610	0.2572 0.2766	0.2569	0.2556	Ave		0.2616			3.5		30.0				
Bromodichloromethane	++++ 0.5756	0.5018 0.5458	0.5596 0.5633	0.5781	0.5739	Ave		0.5569			4.8		30.0				
cis-1,3-Dichloropropene	++++ 0.4939	0.4234 0.4655	0.4692 0.4820	0.4788	0.4838	Ave		0.4709			4.9		30.0				
methyl isobutyl ketone	++++ 0.8209	++++ 0.7563	0.7507 0.7705	0.7739	0.8189	Ave		0.7819			3.9		30.0				
n-Octane	++++ 0.9344	0.8358 0.8673	0.9120 0.8937	0.9555	0.9323	Ave		0.9044			4.6		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37078-1 Analy Batch No.: 111430

SDG No.: _____

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2016 17:12 Calibration End Date: 11/17/2016 00:09 Calibration ID: 36056

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.7076	0.6302 0.6836	0.6893 0.7113	0.6787	0.6652	Ave		0.6808			4.0		30.0				
trans-1,3-Dichloropropene	++++ 0.4866	0.4060 0.4559	0.4405 0.4721	0.4698	0.4831	Ave		0.4591			6.2		30.0				
1,1,2-Trichloroethane	++++ 0.3591	0.2998 0.3434	0.3509 0.3550	0.3496	0.3453	Ave		0.3433			5.8		30.0				
Tetrachloroethene	0.4582 0.4827	0.4139 0.4701	0.4541 0.4990	0.4553	0.4529	Ave		0.4608			5.4		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.9303	++++ 0.8653	0.8524 0.8789	0.6918	0.9289	Ave		0.8579			10.2		30.0				
Dibromochloromethane	++++ 0.5937	0.4743 0.5907	0.5484 0.6203	0.5924	0.6052	Ave		0.5750			8.6		30.0				
1,2-Dibromoethane	++++ 0.5850	0.4979 0.5639	0.5503 0.5874	0.5554	0.5626	Ave		0.5575			5.3		30.0				
Chlorobenzene	++++ 0.8945	0.7527 0.8678	0.8462 0.9047	0.8542	0.8563	Ave		0.8538			5.8		30.0				
Ethylbenzene	++++ 1.5919	1.4073 1.5410	1.4780 1.6188	1.5050	1.5200	Ave		1.5232			4.6		30.0				
n-Nonane	++++ 0.9566	0.8479 0.9142	0.9026 0.9652	0.9189	0.9151	Ave		0.9172			4.2		30.0				
m,p-Xylene	++++ 0.6066	0.4834 0.5919	0.5484 0.6361	0.5621	0.5719	Ave		0.5715			8.5		30.0				
Xylene, o-	++++ 0.5868	0.4772 0.5699	0.5606 0.6041	0.5559	0.5609	Ave		0.5594			7.2		30.0				
Styrene	++++ 0.9411	0.6984 0.9198	0.8017 0.9840	0.8627	0.9037	Ave		0.8730			11.0		30.0				
Bromoform	++++ 0.4667	0.3241 0.5113	0.4005 0.5573	0.5118	0.5539	Ave		0.4751			18.0		30.0				
Cumene	++++ 1.6984	2.1546 1.6396	1.5590 1.7142	1.7523	1.6208	Ave		1.7341			11.3		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.9611	0.8178 0.9247	0.9014 0.9507	0.9435	0.9390	Ave		0.9198			5.3		30.0				
n-Propylbenzene	++++ 2.2313	1.8052 2.1500	2.0094 2.1848	2.1194	2.1505	Ave		2.0930			6.9		30.0				
1,2,3-Trichloropropane	++++ 0.7787	++++ 0.7433	0.7395 0.7738	0.7564	0.7539	Ave		0.7576			2.1		30.0				
n-Decane	++++ 1.1830	++++ 1.1214	1.1070 1.2109	1.2168	1.2062	Ave		1.1742			4.1		30.0				
4-Ethyltoluene	++++ 1.6908	++++ 1.6389	1.5245 1.6752	1.6166	1.6339	Ave		1.5911			7.3		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37078-1 Analy Batch No.: 111430
 SDG No.: _____
 Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 11/16/2016 17:12 Calibration End Date: 11/17/2016 00:09 Calibration ID: 36056

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.4702	1.1937 1.3957	1.3326 1.4976	1.3963	1.4237	Ave		1.3871			7.3		30.0				
1,3,5-Trimethylbenzene	++++ 1.3969	1.1565 1.3155	1.2526 1.4636	1.3574	1.3685	Ave		1.3302			7.6		30.0				
Alpha Methyl Styrene	++++ 0.6812	0.2207 0.6543	0.5582 0.6973	0.5322	0.6796	Ave		0.5748			29.4		30.0				
tert-Butylbenzene	++++ 1.2801	1.0857 1.2189	1.2002 1.2915	1.2662	1.2608	Ave		1.2291			5.8		30.0				
1,2,4-Trimethylbenzene	++++ 1.3614	1.1040 1.3075	1.2600 1.4134	1.3613	1.3746	Ave		1.3118			7.9		30.0				
sec-Butylbenzene	++++ 2.0289	1.7850 1.9378	1.9193 2.0978	2.0521	2.0416	Ave		1.9804			5.4		30.0				
4-Isopropyltoluene	++++ 1.6111	1.3460 1.5688	1.4974 1.7518	1.6587	1.6578	Ave		1.5845			8.3		30.0				
1,3-Dichlorobenzene	++++ 0.8242	0.6510 0.7974	0.7384 0.8794	0.8054	0.8381	Ave		0.7906			9.5		30.0				
1,4-Dichlorobenzene	++++ 0.7983	0.6019 0.7741	0.6867 0.8810	0.7804	0.8300	Ave		0.7646			12.2		30.0				
Benzyl chloride	++++ 1.0884	0.8301 1.0189	0.8384 1.1656	1.1133	1.2509	Ave		1.0437			15.3		30.0				
n-Undecane	++++ 1.3556	++++ 1.2978	++++ 1.2706	1.3675	1.3549	Ave		1.3293			3.2		30.0				
n-Butylbenzene	++++ 1.6257	1.3413 1.5833	1.4568 1.7479	1.6915	1.6874	Ave		1.5906			9.1		30.0				
1,2-Dichlorobenzene	++++ 0.7532	0.6295 0.7320	0.6929 0.8323	0.7769	0.7969	Ave		0.7448			9.1		30.0				
n-Dodecane	++++ 1.1833	++++ 1.1732	++++ 0.3201	1.2872	1.2999	Ave		1.0527			39.3	*	30.0				
1,2,4-Trichlorobenzene	++++ 0.4934	++++ 0.5178	0.2689 0.3368	0.4653	0.5701	Ave		0.4420			26.1		30.0				
Hexachlorobutadiene	++++ 0.5297	0.4610 0.5197	0.4779 0.2758	0.5367	0.5535	Ave		0.4792			19.9		30.0				
Naphthalene	++++ 1.1175	++++ 1.2226	0.5510 0.7817	1.1635	1.4578	Ave		1.0490			31.2	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.4744	0.3134 0.4885	0.2841 0.2197	0.4732	0.5649	Ave		0.4026			32.0	*	30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37078-1 Analy Batch No.: 111430

SDG No.: _____

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2016 17:12 Calibration End Date: 11/17/2016 00:09 Calibration ID: 36056

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-111430/3	22729_03.D
Level 2	IC 200-111430/4	22729_04.D
Level 3	IC 200-111430/5	22729_05.D
Level 4	IC 200-111430/6	22729_06.D
Level 5	ICIS 200-111430/7	22729_07.D
Level 6	IC 200-111430/8	22729_08.D
Level 7	IC 200-111430/9	22729_09.D
Level 8	IC 200-111430/11	22729_11.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 487854	++++ 636844	++++ 1289802	147907	301450	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1274163	++++ 1696522	35451 3504951	354937	766173	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 889282	++++ 1168970	26735 2397036	255782	544326	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1292775	12765 1740140	34230 3678012	349086	760190	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 572820	++++ 753757	17956 1558441	162796	345334	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 998966	++++ 1323385	28591 2700082	288521	607062	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1286 621168	6216 836007	16774 1738826	165633	366043	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	919 485935	4628 652925	13048 1350716	131721	289110	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 510648	4902 700575	12987 1484946	131860	294807	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 349614	++++ 473471	8919 991810	91351	202635	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 795993	8423 1058283	21991 2197432	219697	470897	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 516159	4475 710516	13071 1496260	129333	290660	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1259049	12413 1701901	33777 3551918	339552	731450	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 1218046	++++ 1630768	33659 3393597	335291	718741	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 503581	++++ 840812	118854 2155056	214582	313989	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

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

Lab Name: TestAmerica Burlington

Job No.: 200-37078-1

Analy Batch No.: 111430

SDG No.: _____

Instrument ID: CHB.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2016 17:12

Calibration End Date: 11/17/2016 00:09

Calibration ID: 36056

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)					
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	
Ethyl ether	BCM	Ave	++++ 437634	3858 591407	11094 1242059	112125	248779	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrolein	BCM	Ave	++++ 196011	++++ 272063	++++ 584198	27773	134694	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Freon TF	BCM	Ave	++++ 982472	9311 1356777	25767 2876817	253049	554315	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethene	BCM	Ave	++++ 497515	4882 687919	13087 1463343	128114	281407	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acetone	BCM	Ave	++++ 952643	++++ 1222693	++++ 2506362	267473	540392	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Isopropyl alcohol	BCM	Ave	++++ 1006224	++++ 1262724	++++ 2579829	289994	557292	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Carbon disulfide	BCM	Ave	++++ 1531544	++++ 2090132	40193 4425264	393447	872653	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
3-Chloropropene	BCM	Ave	++++ 863887	++++ 1177917	9070 2339400	246722	539688	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acetonitrile	BCM	Ave	++++ 528582	++++ 721226	++++ 1471853	151363	319366	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methylene Chloride	BCM	Ave	++++ 739084	++++ 985149	++++ 2056334	204562	435662	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
tert-Butyl alcohol	BCM	Ave	++++ 1234506	++++ 1604518	++++ 3287123	328002	683080	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methyl tert-butyl ether	BCM	Ave	++++ 1646863	++++ 2253443	15486 4742093	42711	938165	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
trans-1,2-Dichloroethene	BCM	Ave	++++ 876281	8352 1193762	23242 2527713	233960	508652	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrylonitrile	BCM	Ave	++++ 498432	++++ 672069	++++ 1404419	12790	131354	291111	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 1018533	9840 1390592	26585 2934470	272222	588087	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethane	BCM	Ave	2533 1148791	10918 1550901	30264 3279078	304030	659064	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Vinyl acetate	BCM	Ave	++++ 1882491	++++ 2511941	++++ 5291434	503284	1100981	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methyl Ethyl Ketone	BCM	Ave	++++ 324133	++++ 439350	9564 933379	79179	181217	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
cis-1,2-Dichloroethene	BCM	Ave	++++ 588789	5522 816816	14951 1737892	152595	335791	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Ethyl acetate	BCM	Ave	++++ 51205	++++ 69336	++++ 150501	12417	28724	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Tetrahydrofuran	DFBZ	Ave	++++ 861831	++++ 1139009	++++ 2377212	236135	506764	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	

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

Lab Name: TestAmerica Burlington

Job No.: 200-37078-1

Analy Batch No.: 111430

SDG No.: _____

Instrument ID: CHB.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2016 17:12

Calibration End Date: 11/17/2016 00:09

Calibration ID: 36056

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1131099	11152 1543588	29493 3250581	301390	652744	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 1086013	10493 1476450	28852 3141563	289484	627324	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	++++ 835682	7267 1159494	21233 2509554	213838	473708	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	2350 1060850	10409 1444720	24145 3096168	286549	624419	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 3548086	33776 4856341	90449 10371796	934366	2033270	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	++++ 1919139	19595 2635199	51644 5661081	497249	1095280	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 753043	8050 1009791	21216 2107513	208336	447652	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	++++ 1431233	14458 1917867	39746 4060565	393641	834886	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	++++ 404352	++++ 521577	++++ 1077691	105801	236341	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	1715 757874	7562 1037109	19026 2241936	193082	424658	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 805140	7702 1102317	21277 2351847	212425	466984	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	++++ 746401	++++ 1023282	17832 2201675	188720	425742	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	++++ 313118	++++ 392622	++++ 799682	79951	169211	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	++++ 608249	5982 843643	15163 1851434	152639	335172	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	++++ 1286364	11909 1764360	32997 3770138	343486	752531	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	++++ 1103703	10049 1505010	27668 3225683	284458	634461	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFBZ	Ave	++++ 1834433	++++ 2445116	44266 5156662	459773	1073844	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	++++ 2088067	19836 2803786	53776 5981348	567658	1222517	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZ d5	Ave	++++ 1341070	12554 1854387	33964 4038525	345028	753222	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	++++ 1087364	9636 1473979	25975 3159533	279100	633453	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 680658	5972 931547	17289 2015634	177725	391013	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington

Job No.: 200-37078-1

Analy Batch No.: 111430

SDG No.: _____

Instrument ID: CHB.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2016 17:12

Calibration End Date: 11/17/2016 00:09

Calibration ID: 36056

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	1859 914926	8246 1275371	22376 2833167	231452	512862	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	++++ 1763153	++++ 2347405	41998 4990016	351684	1051864	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZ d5	Ave	++++ 1125150	9448 1602490	27023 3521739	301165	685248	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZ d5	Ave	++++ 1108794	9919 1529790	27114 3335119	282345	637092	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZ d5	Ave	++++ 1695405	14994 2354148	41693 5136308	434259	969586	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZ d5	Ave	++++ 3017070	28035 4180435	72824 9190888	765149	1721203	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBNZ d5	Ave	++++ 1812969	16890 2480054	44474 5479852	467140	1036154	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZ d5	Ave	++++ 2299250	19259 3211242	54043 7223253	571524	1295243	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBNZ d5	Ave	++++ 1112235	9507 1545910	27622 3429769	282628	635178	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZ d5	Ave	++++ 1783648	13912 2495144	39500 5586670	438575	1023335	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZ d5	Ave	++++ 884511	6457 1386994	19732 3164163	260216	627192	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZ d5	Ave	++++ 3218968	42921 4447908	76814 9732669	890836	1835254	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	++++ 1821619	16291 2508617	44413 5397596	479681	1063297	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZ d5	Ave	++++ 4229066	35962 5832594	99006 12404599	1077468	2435077	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBNZ d5	Ave	++++ 1475962	++++ 2016346	36438 4393328	384564	853610	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBNZ d5	Ave	++++ 2242206	++++ 3042233	54542 6875106	618609	1365809	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZ d5	Ave	++++ 3204596	27048 4445898	75116 9510796	821866	1850071	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZ d5	Ave	++++ 2786469	23780 3786268	65659 8502993	709882	1612113	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZ d5	Ave	++++ 2647494	23038 3568734	61720 8309612	690107	1549650	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZ d5	Ave	++++ 1291150	4396 1775024	27505 3958957	270566	769553	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZ d5	Ave	++++ 2426113	21629 3306537	59137 7332642	643713	1427635	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington Job No.: 200-37078-1 Analy Batch No.: 111430

SDG No.: _____

Instrument ID: CHB.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2016 17:12 Calibration End Date: 11/17/2016 00:09 Calibration ID: 36056

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBNZ d5	Ave	++++ 2580352	21993 3547050	62083 8024818	692081	1556525	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZ d5	Ave	++++ 3845333	35559 5256850	94568 11910248	1043300	2311742	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZ d5	Ave	++++ 3053596	26814 4255820	73781 9946114	843278	1877224	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZ d5	Ave	++++ 1562139	12968 2163223	36382 4992712	409471	949061	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZ d5	Ave	++++ 1513035	11991 2099888	33837 5001965	396761	939798	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZ d5	Ave	++++ 2062841	16537 2764033	41311 6617806	565985	1416422	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZ d5	Ave	++++ 2569180	++++ 3520626	++++ 7213927	695218	1534148	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBNZ d5	Ave	++++ 3081100	26720 4295271	71782 9924108	859964	1910718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZ d5	Ave	++++ 1427617	12540 1985809	34141 4725723	394977	902409	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBNZ d5	Ave	++++ 2242638	++++ 3182518	++++ 1817424	654405	1471869	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZ d5	Ave	++++ 935058	++++ 1404719	13248 1911956	236531	645545	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZ d5	Ave	++++ 1003893	9184 1409797	23547 1565860	272832	626782	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZ d5	Ave	++++ 2118044	++++ 3316648	27147 4438159	591539	1650701	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZ d5	Ave	++++ 899217	6244 1325095	13998 1247174	240588	639632	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

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

Lab Name: TestAmerica Burlington Job No.: 200-37174-1 Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-113486/3	23629_03.D
Level 2	IC 200-113486/4	23629_04.D
Level 3	IC 200-113486/12	23629_12.D
Level 4	IC 200-113486/6	23629_06.D
Level 5	ICIS 200-113486/7	23629_07.D
Level 6	IC 200-113486/8	23629_08.D
Level 7	IC 200-113486/9	23629_09.D
Level 8	IC 200-113486/10	23629_10.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	+++++ 1.0258	+++++ 0.9670	+++++ 0.9199	1.0871	1.0429	Ave		1.0085			6.5		30.0				
Dichlorodifluoromethane	+++++ 2.1919	+++++ 2.0874	+++++ 2.3643 2.0878	2.2297	2.1717	Ave		2.1888			4.7		30.0				
Freon 22	+++++ 1.7816	+++++ 1.6726	1.8881 1.6312	1.8254	1.7768	Ave		1.7626			5.4		30.0				
1,2-Dichlorotetrafluoroethane	+++++ 2.0955	2.0966 1.9990	2.2593 2.0053	2.1337	2.0683	Ave		2.0940			4.2		30.0				
Chloromethane	+++++ 1.0254	+++++ 0.9748	1.1374 0.9523	1.0574	1.0276	Ave		1.0292			6.4		30.0				
n-Butane	+++++ 1.9580	+++++ 1.8365	2.0503 1.7622	2.0190	1.9580	Ave		1.9307			5.7		30.0				
Vinyl chloride	1.1470 0.9927	0.9714 0.9413	1.0952 0.9360	1.0104	0.9810	Ave		1.0094			7.4		30.0				
1,3-Butadiene	0.9164 0.8281	0.7995 0.7858	0.8844 0.7716	0.8358	0.8200	Ave		0.8302			5.9		30.0				
Bromomethane	+++++ 0.7011	0.7205 0.6800	0.7937 0.6780	0.7145	0.6854	Ave		0.7105			5.7		30.0				
Chloroethane	+++++ 0.4420	+++++ 0.4283	0.4864 0.4250	0.4501	0.4297	Ave		0.4436			5.2		30.0				
Isopentane	+++++ 1.2529	0.6555 1.1907	1.3638 1.1525	1.2822	1.2430	Ave		1.1629			20.1		30.0				
Bromoethene (Vinyl Bromide)	+++++ 0.6391	0.6183 0.6325	0.7050 0.6481	0.6269	0.6218	Ave		0.6417			4.6		30.0				
Trichlorofluoromethane	+++++ 1.7816	1.7651 1.7449	1.9426 1.7820	1.7528	1.7354	Ave		1.7863			4.0		30.0				
n-Pentane	+++++ 1.9418	+++++ 1.8680	2.1238 1.8318	1.9375	1.9045	Ave		1.9346			5.3		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37174-1 Analy Batch No.: 113486
 SDG No.: _____
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.4891	++++ 0.4659	0.5772 0.4396	0.4944	0.4948	Ave		0.4935			9.4		30.0				
Ethyl ether	++++ 0.6041	0.5564 0.5859	0.6729 0.5859	0.6011	0.5828	Ave		0.5985			6.1		30.0				
Acrolein	++++ 0.3279	++++ 0.2691	++++ 0.3167	0.3154	0.3100	Ave		0.3078			7.3		30.0				
Freon TF	++++ 1.2967	1.2614 1.2690	1.4417 1.3094	1.2825	1.2609	Ave		1.3031			4.9		30.0				
1,1-Dichloroethene	++++ 0.6421	0.5791 0.6315	0.7384 0.6548	0.6369	0.6207	Ave		0.6433			7.5		30.0				
Acetone	++++ 1.8834	++++ 1.6709	++++ 1.6054	2.6904	1.8988	Ave		1.9498			22.2		30.0				
Carbon disulfide	++++ 2.0807	++++ 2.0182	2.2536 2.0763	2.0534	2.0190	Ave		2.0835			4.2		30.0				
Isopropyl alcohol	++++ 1.8676	++++ 1.7881	++++ 1.7178	1.8518	1.8147	Ave		1.8080			3.3		30.0				
3-Chloropropene	++++ 1.5792	1.4699 1.4973	1.6004 1.4754	1.5629	1.5419	Ave		1.5324			3.4		30.0				
Acetonitrile	++++ 0.9488	++++ 0.8953	++++ 0.8783	0.9710	0.9389	Ave		0.9264			4.2		30.0				
Methylene Chloride	++++ 1.1814	++++ 1.1373	1.2692 1.1226	1.1872	1.1490	Ave		1.1744			4.5		30.0				
tert-Butyl alcohol	++++ 2.0407	++++ 1.9231	++++ 1.9436	1.9864	1.9640	Ave		1.9716			2.3		30.0				
Methyl tert-butyl ether	++++ 2.3757	2.1226 2.2948	2.5348 2.3271	2.2941	2.2788	Ave		2.3183			5.3		30.0				
trans-1,2-Dichloroethene	++++ 1.3409	1.2833 1.2925	1.4250 1.3124	1.3314	1.3042	Ave		1.3271			3.6		30.0				
Acrylonitrile	++++ 0.7467	++++ 0.7091	0.7457 0.7237	0.7163	0.7210	Ave		0.7271			2.1		30.0				
n-Hexane	++++ 1.4280	1.3606 1.3740	1.5554 1.3761	1.4113	1.3894	Ave		1.4135			4.7		30.0				
1,1-Dichloroethane	1.6072 1.6843	1.5682 1.6246	1.8131 1.6523	1.6361	1.6254	Ave		1.6514			4.4		30.0				
Vinyl acetate	++++ 3.2407	++++ 3.0721	++++ 3.0710	3.0884	3.1100	Ave		3.1164			2.3		30.0				
cis-1,2-Dichloroethene	++++ 0.7851	0.7203 0.7689	0.8741 0.7903	0.7731	0.7643	Ave		0.7823			5.9		30.0				
Methyl Ethyl Ketone	++++ 0.4404	++++ 0.4267	0.4566 0.4378	0.4375	0.4200	Ave		0.4365			2.9		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37174-1 Analy Batch No.: 113486
 SDG No.: _____
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.0594	++++ 0.0590	++++ 0.0611	0.0578	0.0601	Ave		0.0595			2.1		30.0				
Tetrahydrofuran	++++ 0.2702	++++ 0.2644	++++ 0.2530	0.2780	0.2681	Ave		0.2668			3.4		30.0				
Chloroform	++++ 1.7592	1.7076 1.7128	1.8775 1.7616	1.7258	1.6926	Ave		1.7482			3.6		30.0				
Cyclohexane	++++ 0.1983	0.1826 0.1980	0.2163 0.1984	0.2010	0.1939	Ave		0.1984			5.0		30.0				
1,1,1-Trichloroethane	++++ 0.3011	0.2819 0.3026	0.3220 0.3043	0.2970	0.2899	Ave		0.2998			4.2		30.0				
Carbon tetrachloride	0.2840 0.2812	0.2579 0.2840	0.2906 0.2900	0.2777	0.2747	Ave		0.2800			3.7		30.0				
2,2,4-Trimethylpentane	++++ 0.9810	0.9274 0.9816	1.0384 0.9875	0.9693	0.9515	Ave		0.9767			3.5		30.0				
Benzene	++++ 0.5045	0.5115 0.5080	0.5541 0.5138	0.5048	0.4913	Ave		0.5126			3.8		30.0				
1,2-Dichloroethane	++++ 0.2515	0.2406 0.2496	0.2646 0.2474	0.2537	0.2472	Ave		0.2507			3.0		30.0				
n-Heptane	++++ 0.4473	0.4381 0.4409	0.4603 0.4345	0.4466	0.4394	Ave		0.4439			1.9		30.0				
n-Butanol	++++ 0.1356	++++ 0.1296	++++ 0.1349	0.1316	0.1290	Ave		0.1321			2.3		30.0				
Trichloroethene	0.2249 0.2067	0.1932 0.2083	0.2214 0.2137	0.2044	0.1995	Ave		0.2090			5.1		30.0				
1,2-Dichloropropane	++++ 0.2236	0.2067 0.2255	0.2358 0.2280	0.2189	0.2175	Ave		0.2223			4.1		30.0				
Methyl methacrylate	++++ 0.2056	++++ 0.2052	++++ 0.2152	0.1928	0.1951	Ave		0.2014			4.4		30.0				
1,4-Dioxane	++++ 0.1020	++++ 0.0973	++++ 0.1017	0.1031	0.0985	Ave		0.1005			2.5		30.0				
Dibromomethane	++++ 0.1543	0.1551 0.1755	0.1738 0.1637	0.1521	0.1487	Ave		0.1604			6.7		30.0				
Bromodichloromethane	++++ 0.3917	0.3281 0.3935	0.3671 0.4131	0.3753	0.3734	Ave		0.3775			7.1		30.0				
cis-1,3-Dichloropropene	++++ 0.3067	0.2778 0.3100	0.3069 0.3219	0.2984	0.2952	Ave		0.3024			4.6		30.0				
methyl isobutyl ketone	++++ 0.5914	++++ 0.5677	0.5512 0.5813	0.5811	0.5784	Ave		0.5752			2.4		30.0				
Toluene	++++ 0.3634	0.3391 0.3676	0.3948 0.3722	0.3591	0.3522	Ave		0.3640			4.8		30.0				

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

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

Lab Name: TestAmerica Burlington

Job No.: 200-37174-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
n-Octane	++++ 0.6378	0.6008 0.6339	0.6488 0.6337	0.6367	0.6244	Ave		0.6309			2.4		30.0				
trans-1,3-Dichloropropene	++++ 0.3244	0.2801 0.3258	0.3259 0.3404	0.3124	0.3089	Ave		0.3168			6.1		30.0				
1,1,2-Trichloroethane	++++ 0.1961	0.1864 0.1959	0.2032 0.1997	0.1932	0.1888	Ave		0.1948			3.0		30.0				
Tetrachloroethene	0.2373 0.2425	0.2258 0.2453	0.2544 0.2542	0.2396	0.2325	Ave		0.2415			4.1		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.5977	++++ 0.5540	0.5690 0.5793	0.5743	0.5757	Ave		0.5750			2.5		30.0				
Dibromochloromethane	++++ 0.3325	0.2427 0.3175	0.2864 0.3512	0.3148	0.3135	Ave		0.3084			11.4		30.0				
1,2-Dibromoethane	++++ 0.3207	0.2670 0.3219	0.3202 0.3392	0.3094	0.3052	Ave		0.3119			7.2		30.0				
Chlorobenzene	++++ 0.4515	0.4372 0.4554	0.4932 0.4754	0.4481	0.4391	Ave		0.4571			4.4		30.0				
Ethylbenzene	++++ 0.8548	0.7853 0.8690	0.8978 0.9085	0.8348	0.8230	Ave		0.8533			5.1		30.0				
n-Nonane	++++ 0.5364	0.4717 0.5386	0.5468 0.5532	0.5285	0.5197	Ave		0.5278			5.1		30.0				
m,p-Xylene	++++ 0.3186	0.2743 0.3243	0.3214 0.3465	0.3069	0.3038	Ave		0.3137			7.1		30.0				
Xylene, o-	++++ 0.3071	0.2780 0.3110	0.3201 0.3260	0.3035	0.2950	Ave		0.3058			5.2		30.0				
Styrene	++++ 0.4966	0.3557 0.5047	0.4245 0.5448	0.4632	0.4650	Ave		0.4649			13.2		30.0				
Bromoform	++++ 0.3132	0.1789 0.2551	0.2213 0.3549	0.2857	0.2897	Ave		0.2713			21.6		30.0				
Cumene	++++ 0.9173	0.7894 0.9352	0.9115 0.9726	0.8833	0.8761	Ave		0.8979			6.4		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.5507	0.4819 0.5576	0.5323 0.5595	0.5298	0.5251	Ave		0.5339			5.0		30.0				
n-Propylbenzene	++++ 1.2626	1.0577 1.2742	1.2480 1.2732	1.2031	1.1897	Ave		1.2155			6.4		30.0				
1,2,3-Trichloropropane	++++ 0.4554	++++ 0.4653	0.4611 0.4693	0.4347	0.4330	Ave		0.4531			3.4		30.0				
n-Decane	++++ 0.7618	++++ 0.7360	0.7404 0.7508	0.7295	0.7314	Ave		0.7416			1.7		30.0				
4-Ethyltoluene	++++ 1.0032	0.7846 1.0042	0.9443 1.0034	0.9224	0.9333	Ave		0.9422			8.3		30.0				

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

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

Lab Name: TestAmerica Burlington

Job No.: 200-37174-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 0.9222	0.7443 0.9408	0.8615 0.9363	0.8458	0.8542	Ave		0.8722			7.9		30.0				
1,3,5-Trimethylbenzene	++++ 0.8116	0.6573 0.7927	0.7957 0.8617	0.7695	0.7657	Ave		0.7792			8.0		30.0				
Alpha Methyl Styrene	++++ 0.3784	0.2533 0.3608	0.3068 0.4038	0.3498	0.3549	Ave		0.3440			14.4		30.0				
tert-Butylbenzene	++++ 0.7080	0.5998 0.6807	0.6930 0.7540	0.6852	0.6779	Ave		0.6855			6.7		30.0				
1,2,4-Trimethylbenzene	++++ 0.8170	0.6579 0.7833	0.7954 0.8945	0.7819	0.7794	Ave		0.7871			8.9		30.0				
sec-Butylbenzene	++++ 1.1607	0.9637 1.1213	1.1362 1.2622	1.1372	1.1244	Ave		1.1294			7.8		30.0				
4-Isopropyltoluene	++++ 0.8843	0.7550 0.8970	0.8982 1.0755	0.8938	0.8880	Ave		0.8988			10.4		30.0				
1,3-Dichlorobenzene	++++ 0.4959	0.3945 0.4790	0.4858 0.5596	0.4699	0.4682	Ave		0.4790			10.1		30.0				
1,4-Dichlorobenzene	++++ 0.4899	0.4013 0.4677	0.4885 0.5608	0.4652	0.4675	Ave		0.4773			9.9		30.0				
Benzyl chloride	++++ 0.8062	0.6098 0.7740	0.7333 0.9304	0.7635	0.7789	Ave		0.7708			12.3		30.0				
n-Butylbenzene	++++ 0.9201	0.8075 1.0050	0.9587 1.1539	0.9812	0.9427	Ave		0.9670			10.8		30.0				
n-Undecane	++++ 0.7672	++++ 0.8257	++++ 0.8640	0.7494	0.6617	Ave		0.7736			10.0		30.0				
1,2-Dichlorobenzene	++++ 0.4464	0.3761 0.4368	0.4533 0.5338	0.4405	0.4402	Ave		0.4467			10.3		30.0				
n-Dodecane	++++ 0.5922	++++ 0.6344	++++ 0.3651	0.5436	0.5054	Ave		0.5281			19.6		30.0				
1,2,4-Trichlorobenzene	++++ 0.3052	++++ 0.3539	0.2590 0.2822	0.2352	0.2608	Ave		0.2827			14.9		30.0				
Hexachlorobutadiene	++++ 0.2775	++++ 0.2968	0.2251 0.2222	0.2460	0.2516	Ave		0.2560			10.8		30.0				
Naphthalene	++++ 0.7138	++++ 0.9131	0.6263 0.7116	0.5670	0.6440	Ave		0.6960			17.2		30.0				
1,2,3-Trichlorobenzene	++++ 0.2559	++++ 0.3048	0.2100 0.1980	0.1939	0.2281	Ave		0.2318			18.3		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37174-1 Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-113486/3	23629_03.D
Level 2	IC 200-113486/4	23629_04.D
Level 3	IC 200-113486/12	23629_12.D
Level 4	IC 200-113486/6	23629_06.D
Level 5	ICIS 200-113486/7	23629_07.D
Level 6	IC 200-113486/8	23629_08.D
Level 7	IC 200-113486/9	23629_09.D
Level 8	IC 200-113486/10	23629_10.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 451400	++++ 641541	++++ 1350444	133597	276772	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 964502	++++ 1384774	40518 3064990	274002	576376	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 783980	++++ 1109624	32356 2394633	224318	471554	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 922108	10257 1326156	38718 2943863	262207	548912	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 451232	++++ 646717	19491 1397983	129942	272728	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 861595	++++ 1218322	35137 2587058	248106	519656	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1169 436809	4752 624500	18768 1374173	124163	260353	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	934 364385	3911 521280	15156 1132802	102713	217634	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 308526	3525 451112	13602 995279	87806	181904	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 194479	++++ 284134	8336 623935	55306	114032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 551305	3207 789903	23372 1691961	157564	329885	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 281219	3025 419593	12082 951468	77033	165026	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 783962	8635 1157566	33291 2616098	215403	460569	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 854454	++++ 1239221	36396 2689223	238093	505462	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 287574	++++ 618290	99033 1613391	121585	197047	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

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

Lab Name: TestAmerica Burlington

Job No.: 200-37174-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)					
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	
Ethyl ether	BCM	Ave	++++ 265841	2722 388723	11532 860102	73871	154672	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrolein	BCM	Ave	++++ 144299	++++ 178502	++++ 464870	38755	82284	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Freon TF	BCM	Ave	++++ 570592	6171 841837	24706 1922275	157598	334632	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethene	BCM	Ave	++++ 282557	++++ 418955	2833 961302	12654	78262	164719	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 828781	++++ 1108498	++++ 2356827	330617	503933	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Carbon disulfide	BCM	Ave	++++ 915605	++++ 1338924	++++ 38620 3048170	252338	535827	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Isopropyl alcohol	BCM	Ave	++++ 821806	++++ 1186261	++++ 2521789	227567	481627	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
3-Chloropropene	BCM	Ave	++++ 694916	++++ 993331	7191 2165947	27427	192066	409216	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 417495	++++ 593928	++++ 1289402	119327	249178	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methylene Chloride	BCM	Ave	++++ 519842	++++ 754496	++++ 21751 1647977	145887	304948	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
tert-Butyl alcohol	BCM	Ave	++++ 898010	++++ 1275823	++++ 2853375	244102	521251	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methyl tert-butyl ether	BCM	Ave	++++ 1045422	++++ 1522379	10384 3416391	43439	281916	604782	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 590054	6278 857456	24421 1926701	163608	346130	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrylonitrile	BCM	Ave	++++ 328581	++++ 470403	++++ 1062481	12779	88024	191361	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 628370	6656 911504	26655 2020205	173432	368743	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethane	BCM	Ave	1638 741150	7672 1077778	31072 2425609	201057	431366	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Vinyl acetate	BCM	Ave	++++ 1426055	++++ 2038068	++++ 4508395	379525	825392	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
cis-1,2-Dichloroethene	BCM	Ave	++++ 345480	++++ 510110	3524 1160238	14980	95000	202835	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 193803	++++ 283110	7825 642660	53759	111480	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Ethyl acetate	BCM	Ave	++++ 26139	++++ 39157	++++ 89749	7100	15939	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Tetrahydrofuran	DFBZ	Ave	++++ 665563	++++ 960679	++++ 2100302	185158	392885	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	

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

Lab Name: TestAmerica Burlington Job No.: 200-37174-1 Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 774113	8354 1136283	32175 2586107	212085	449204	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	++++ 488459	4847 719442	20578 1646739	133885	284069	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 741660	7483 1099439	30637 2526274	197836	424801	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	1561 692669	6845 1031558	27651 2407275	184979	402588	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 2416522	24615 3565859	98801 8197950	645569	1394282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	++++ 1242760	13576 1845629	52721 4264906	336235	719888	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 619655	6386 906589	25172 2053814	168997	362204	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	++++ 1101877	11628 1601733	43799 3606624	297474	643818	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	++++ 334095	++++ 470893	++++ 1119650	87649	189004	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	1236 509276	5129 756817	21064 1773713	136162	292361	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 550720	5485 819127	22438 1892460	145806	318657	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	++++ 506374	++++ 745492	18493 1786439	128437	285837	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	++++ 251168	++++ 353616	++++ 844228	68698	144368	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	++++ 379993	4116 637542	16536 1358847	101294	217837	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	++++ 965016	8708 1429583	34930 3429319	249968	547154	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	++++ 755642	7373 1126059	29204 2672311	198746	432506	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFBZ	Ave	++++ 1456785	++++ 2062311	52445 4825241	386996	847583	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZ d5	Ave	++++ 877883	8764 1323623	35984 3112384	233992	507420	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	++++ 1571174	15947 2302772	61737 5260989	424032	914952	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	++++ 799079	7434 1183489	31012 2826194	208053	452619	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 473798	4819 705355	18518 1670355	125884	272036	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington

Job No.: 200-37174-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	1243 585809	5836 883277	23187 2126123	156151	334997	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	++++ 1443844	++++ 1995124	51862 4844668	374250	829466	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZ d5	Ave	++++ 803059	6272 1143498	26104 2937277	205154	451697	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZ d5	Ave	++++ 774674	6901 1159059	29187 2836302	201627	439714	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZ d5	Ave	++++ 1090684	11301 1639901	44954 3975959	292024	632558	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZ d5	Ave	++++ 2064822	20299 3129600	81835 7597916	544017	1185643	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBNZ d5	Ave	++++ 1295785	12191 1939692	49842 4626043	344411	748709	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZ d5	Ave	++++ 1539372	14179 2335933	58589 5795123	400035	875371	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBNZ d5	Ave	++++ 741714	7185 1120080	29178 2726637	197785	425062	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZ d5	Ave	++++ 1199673	9193 1817580	38695 4555817	301829	669931	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZ d5	Ave	++++ 756551	4625 918693	20168 2968004	186164	417428	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZ d5	Ave	++++ 2215749	20404 3367818	83076 8133512	575569	1262144	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	++++ 1330200	12457 2008079	48516 4678846	345270	756576	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZ d5	Ave	++++ 3049837	27339 4588728	113752 10647363	783960	1714021	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBNZ d5	Ave	++++ 1100022	++++ 1675546	42028 3924837	283298	623834	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBNZ d5	Ave	++++ 1840163	++++ 2650480	67485 6279136	475360	1053715	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZ d5	Ave	++++ 2423260	20279 3616320	86068 8391265	601069	1344612	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZ d5	Ave	++++ 2227644	19239 3388137	78520 7829823	551140	1230647	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZ d5	Ave	++++ 1960412	16989 2854738	72530 7206118	501428	1103093	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZ d5	Ave	++++ 914075	6547 1299262	27961 3376825	227945	511318	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZ d5	Ave	++++ 1710270	15502 2451263	63164 6305901	446527	976696	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington Job No.: 200-37174-1 Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBNZ d5	Ave	++++ 1973523	17006 2820757	72499 7481028	509507	1122925	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZ d5	Ave	++++ 2803767	24909 4037995	103565 10556066	741063	1619951	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZ d5	Ave	++++ 2136072	19515 3230094	81870 8994571	582435	1279364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZ d5	Ave	++++ 1197842	10198 1724802	44276 4680073	306211	674482	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZ d5	Ave	++++ 1183268	10373 1684354	44526 4690075	303144	673515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZ d5	Ave	++++ 1947307	15761 2787226	66839 7780504	497508	1122163	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBNZ d5	Ave	++++ 2222468	20872 3619079	87379 9650301	639421	1358188	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZ d5	Ave	++++ 1853245	++++ 2973339	++++ 7225153	488313	953380	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZ d5	Ave	++++ 1078226	9720 1573103	41319 4464126	287033	634189	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBNZ d5	Ave	++++ 1430515	++++ 2284580	++++ 3053294	354251	728100	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZ d5	Ave	++++ 737129	++++ 1274409	23603 2359724	153251	375753	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZ d5	Ave	++++ 670321	5817 1068893	24841 1858066	160317	362427	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZ d5	Ave	++++ 1724241	++++ 3288146	57085 5951139	369503	927863	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZ d5	Ave	++++ 618129	++++ 1097810	19142 1656134	126355	328666	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

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

Lab Name: TestAmerica Burlington Job No.: 200-37354-1 Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-113486/3	23629_03.D
Level 2	IC 200-113486/4	23629_04.D
Level 3	IC 200-113486/12	23629_12.D
Level 4	IC 200-113486/6	23629_06.D
Level 5	ICIS 200-113486/7	23629_07.D
Level 6	IC 200-113486/8	23629_08.D
Level 7	IC 200-113486/9	23629_09.D
Level 8	IC 200-113486/10	23629_10.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.0258	+++++ 0.9670	+++++ 0.9199	1.0871	1.0429	Ave		1.0085			6.5		30.0				
Dichlorodifluoromethane	+++++ 2.1919	+++++ 2.0874	2.3643 2.0878	2.2297	2.1717	Ave		2.1888			4.7		30.0				
Freon 22	+++++ 1.7816	+++++ 1.6726	1.8881 1.6312	1.8254	1.7768	Ave		1.7626			5.4		30.0				
1,2-Dichlorotetrafluoroethane	+++++ 2.0955	2.0966 1.9990	2.2593 2.0053	2.1337	2.0683	Ave		2.0940			4.2		30.0				
Chloromethane	+++++ 1.0254	+++++ 0.9748	1.1374 0.9523	1.0574	1.0276	Ave		1.0292			6.4		30.0				
n-Butane	+++++ 1.9580	+++++ 1.8365	2.0503 1.7622	2.0190	1.9580	Ave		1.9307			5.7		30.0				
Vinyl chloride	1.1470 0.9927	0.9714 0.9413	1.0952 0.9360	1.0104	0.9810	Ave		1.0094			7.4		30.0				
1,3-Butadiene	0.9164 0.8281	0.7995 0.7858	0.8844 0.7716	0.8358	0.8200	Ave		0.8302			5.9		30.0				
Bromomethane	+++++ 0.7011	0.7205 0.6800	0.7937 0.6780	0.7145	0.6854	Ave		0.7105			5.7		30.0				
Chloroethane	+++++ 0.4420	+++++ 0.4283	0.4864 0.4250	0.4501	0.4297	Ave		0.4436			5.2		30.0				
Isopentane	+++++ 1.2529	0.6555 1.1907	1.3638 1.1525	1.2822	1.2430	Ave		1.1629			20.1		30.0				
Bromoethene (Vinyl Bromide)	+++++ 0.6391	0.6183 0.6325	0.7050 0.6481	0.6269	0.6218	Ave		0.6417			4.6		30.0				
Trichlorofluoromethane	+++++ 1.7816	1.7651 1.7449	1.9426 1.7820	1.7528	1.7354	Ave		1.7863			4.0		30.0				
n-Pentane	+++++ 1.9418	+++++ 1.8680	2.1238 1.8318	1.9375	1.9045	Ave		1.9346			5.3		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37354-1 Analy Batch No.: 113486
 SDG No.: _____
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.4891	++++ 0.4659	0.5772 0.4396	0.4944	0.4948	Ave		0.4935			9.4		30.0				
Ethyl ether	++++ 0.6041	0.5564 0.5859	0.6729 0.5859	0.6011	0.5828	Ave		0.5985			6.1		30.0				
Acrolein	++++ 0.3279	++++ 0.2691	++++ 0.3167	0.3154	0.3100	Ave		0.3078			7.3		30.0				
Freon TF	++++ 1.2967	1.2614 1.2690	1.4417 1.3094	1.2825	1.2609	Ave		1.3031			4.9		30.0				
1,1-Dichloroethene	++++ 0.6421	0.5791 0.6315	0.7384 0.6548	0.6369	0.6207	Ave		0.6433			7.5		30.0				
Acetone	++++ 1.8834	++++ 1.6709	++++ 1.6054	2.6904	1.8988	Ave		1.9498			22.2		30.0				
Carbon disulfide	++++ 2.0807	++++ 2.0182	2.2536 2.0763	2.0534	2.0190	Ave		2.0835			4.2		30.0				
Isopropyl alcohol	++++ 1.8676	++++ 1.7881	++++ 1.7178	1.8518	1.8147	Ave		1.8080			3.3		30.0				
3-Chloropropene	++++ 1.5792	1.4699 1.4973	1.6004 1.4754	1.5629	1.5419	Ave		1.5324			3.4		30.0				
Acetonitrile	++++ 0.9488	++++ 0.8953	++++ 0.8783	0.9710	0.9389	Ave		0.9264			4.2		30.0				
Methylene Chloride	++++ 1.1814	++++ 1.1373	1.2692 1.1226	1.1872	1.1490	Ave		1.1744			4.5		30.0				
tert-Butyl alcohol	++++ 2.0407	++++ 1.9231	++++ 1.9436	1.9864	1.9640	Ave		1.9716			2.3		30.0				
Methyl tert-butyl ether	++++ 2.3757	2.1226 2.2948	2.5348 2.3271	2.2941	2.2788	Ave		2.3183			5.3		30.0				
trans-1,2-Dichloroethene	++++ 1.3409	1.2833 1.2925	1.4250 1.3124	1.3314	1.3042	Ave		1.3271			3.6		30.0				
Acrylonitrile	++++ 0.7467	++++ 0.7091	0.7457 0.7237	0.7163	0.7210	Ave		0.7271			2.1		30.0				
n-Hexane	++++ 1.4280	1.3606 1.3740	1.5554 1.3761	1.4113	1.3894	Ave		1.4135			4.7		30.0				
1,1-Dichloroethane	1.6072 1.6843	1.5682 1.6246	1.8131 1.6523	1.6361	1.6254	Ave		1.6514			4.4		30.0				
Vinyl acetate	++++ 3.2407	++++ 3.0721	++++ 3.0710	3.0884	3.1100	Ave		3.1164			2.3		30.0				
cis-1,2-Dichloroethene	++++ 0.7851	0.7203 0.7689	0.8741 0.7903	0.7731	0.7643	Ave		0.7823			5.9		30.0				
Methyl Ethyl Ketone	++++ 0.4404	++++ 0.4267	++++ 0.4378	0.4375	0.4200	Ave		0.4365			2.9		30.0				

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

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

Lab Name: TestAmerica Burlington

Job No.: 200-37354-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.0594	++++ 0.0590	++++ 0.0611	0.0578	0.0601	Ave		0.0595			2.1		30.0				
Tetrahydrofuran	++++ 0.2702	++++ 0.2644	++++ 0.2530	0.2780	0.2681	Ave		0.2668			3.4		30.0				
Chloroform	++++ 1.7592	1.7076 1.7128	1.8775 1.7616	1.7258	1.6926	Ave		1.7482			3.6		30.0				
Cyclohexane	++++ 0.1983	0.1826 0.1980	0.2163 0.1984	0.2010	0.1939	Ave		0.1984			5.0		30.0				
1,1,1-Trichloroethane	++++ 0.3011	0.2819 0.3026	0.3220 0.3043	0.2970	0.2899	Ave		0.2998			4.2		30.0				
Carbon tetrachloride	0.2840 0.2812	0.2579 0.2840	0.2906 0.2900	0.2777	0.2747	Ave		0.2800			3.7		30.0				
2,2,4-Trimethylpentane	++++ 0.9810	0.9274 0.9816	1.0384 0.9875	0.9693	0.9515	Ave		0.9767			3.5		30.0				
Benzene	++++ 0.5045	0.5115 0.5080	0.5541 0.5138	0.5048	0.4913	Ave		0.5126			3.8		30.0				
1,2-Dichloroethane	++++ 0.2515	0.2406 0.2496	0.2646 0.2474	0.2537	0.2472	Ave		0.2507			3.0		30.0				
n-Heptane	++++ 0.4473	0.4381 0.4409	0.4603 0.4345	0.4466	0.4394	Ave		0.4439			1.9		30.0				
n-Butanol	++++ 0.1356	++++ 0.1296	++++ 0.1349	0.1316	0.1290	Ave		0.1321			2.3		30.0				
Trichloroethene	0.2249 0.2067	0.1932 0.2083	0.2214 0.2137	0.2044	0.1995	Ave		0.2090			5.1		30.0				
1,2-Dichloropropane	++++ 0.2236	0.2067 0.2255	0.2358 0.2280	0.2189	0.2175	Ave		0.2223			4.1		30.0				
Methyl methacrylate	++++ 0.2056	++++ 0.2052	++++ 0.2152	0.1928	0.1951	Ave		0.2014			4.4		30.0				
1,4-Dioxane	++++ 0.1020	++++ 0.0973	++++ 0.1017	0.1031	0.0985	Ave		0.1005			2.5		30.0				
Dibromomethane	++++ 0.1543	0.1551 0.1755	0.1738 0.1637	0.1521	0.1487	Ave		0.1604			6.7		30.0				
Bromodichloromethane	++++ 0.3917	0.3281 0.3935	0.3671 0.4131	0.3753	0.3734	Ave		0.3775			7.1		30.0				
cis-1,3-Dichloropropene	++++ 0.3067	0.2778 0.3100	0.3069 0.3219	0.2984	0.2952	Ave		0.3024			4.6		30.0				
methyl isobutyl ketone	++++ 0.5914	++++ 0.5677	0.5512 0.5813	0.5811	0.5784	Ave		0.5752			2.4		30.0				
Toluene	++++ 0.3634	0.3391 0.3676	0.3948 0.3722	0.3591	0.3522	Ave		0.3640			4.8		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37354-1 Analy Batch No.: 113486
 SDG No.: _____
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
n-Octane	++++ 0.6378	0.6008 0.6339	0.6488 0.6337	0.6367	0.6244	Ave		0.6309			2.4		30.0				
trans-1,3-Dichloropropene	++++ 0.3244	0.2801 0.3258	0.3259 0.3404	0.3124	0.3089	Ave		0.3168			6.1		30.0				
1,1,2-Trichloroethane	++++ 0.1961	0.1864 0.1959	0.2032 0.1997	0.1932	0.1888	Ave		0.1948			3.0		30.0				
Tetrachloroethene	0.2373 0.2425	0.2258 0.2453	0.2544 0.2542	0.2396	0.2325	Ave		0.2415			4.1		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.5977	++++ 0.5540	0.5690 0.5793	0.5743	0.5757	Ave		0.5750			2.5		30.0				
Dibromochloromethane	++++ 0.3325	0.2427 0.3175	0.2864 0.3512	0.3148	0.3135	Ave		0.3084			11.4		30.0				
1,2-Dibromoethane	++++ 0.3207	0.2670 0.3219	0.3202 0.3392	0.3094	0.3052	Ave		0.3119			7.2		30.0				
Chlorobenzene	++++ 0.4515	0.4372 0.4554	0.4932 0.4754	0.4481	0.4391	Ave		0.4571			4.4		30.0				
Ethylbenzene	++++ 0.8548	0.7853 0.8690	0.8978 0.9085	0.8348	0.8230	Ave		0.8533			5.1		30.0				
n-Nonane	++++ 0.5364	0.4717 0.5386	0.5468 0.5532	0.5285	0.5197	Ave		0.5278			5.1		30.0				
m,p-Xylene	++++ 0.3186	0.2743 0.3243	0.3214 0.3465	0.3069	0.3038	Ave		0.3137			7.1		30.0				
Xylene, o-	++++ 0.3071	0.2780 0.3110	0.3201 0.3260	0.3035	0.2950	Ave		0.3058			5.2		30.0				
Styrene	++++ 0.4966	0.3557 0.5047	0.4245 0.5448	0.4632	0.4650	Ave		0.4649			13.2		30.0				
Bromoform	++++ 0.3132	0.1789 0.2551	0.2213 0.3549	0.2857	0.2897	Ave		0.2713			21.6		30.0				
Cumene	++++ 0.9173	0.7894 0.9352	0.9115 0.9726	0.8833	0.8761	Ave		0.8979			6.4		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.5507	0.4819 0.5576	0.5323 0.5595	0.5298	0.5251	Ave		0.5339			5.0		30.0				
n-Propylbenzene	++++ 1.2626	1.0577 1.2742	1.2480 1.2732	1.2031	1.1897	Ave		1.2155			6.4		30.0				
1,2,3-Trichloropropane	++++ 0.4554	++++ 0.4653	0.4611 0.4693	0.4347	0.4330	Ave		0.4531			3.4		30.0				
n-Decane	++++ 0.7618	++++ 0.7360	0.7404 0.7508	0.7295	0.7314	Ave		0.7416			1.7		30.0				
4-Ethyltoluene	++++ 1.0032	0.7846 1.0042	0.9443 1.0034	0.9224	0.9333	Ave		0.9422			8.3		30.0				

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

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

Lab Name: TestAmerica Burlington

Job No.: 200-37354-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 0.9222	0.7443 0.9408	0.8615 0.9363	0.8458	0.8542	Ave		0.8722			7.9		30.0				
1,3,5-Trimethylbenzene	++++ 0.8116	0.6573 0.7927	0.7957 0.8617	0.7695	0.7657	Ave		0.7792			8.0		30.0				
Alpha Methyl Styrene	++++ 0.3784	0.2533 0.3608	0.3068 0.4038	0.3498	0.3549	Ave		0.3440			14.4		30.0				
tert-Butylbenzene	++++ 0.7080	0.5998 0.6807	0.6930 0.7540	0.6852	0.6779	Ave		0.6855			6.7		30.0				
1,2,4-Trimethylbenzene	++++ 0.8170	0.6579 0.7833	0.7954 0.8945	0.7819	0.7794	Ave		0.7871			8.9		30.0				
sec-Butylbenzene	++++ 1.1607	0.9637 1.1213	1.1362 1.2622	1.1372	1.1244	Ave		1.1294			7.8		30.0				
4-Isopropyltoluene	++++ 0.8843	0.7550 0.8970	0.8982 1.0755	0.8938	0.8880	Ave		0.8988			10.4		30.0				
1,3-Dichlorobenzene	++++ 0.4959	0.3945 0.4790	0.4858 0.5596	0.4699	0.4682	Ave		0.4790			10.1		30.0				
1,4-Dichlorobenzene	++++ 0.4899	0.4013 0.4677	0.4885 0.5608	0.4652	0.4675	Ave		0.4773			9.9		30.0				
Benzyl chloride	++++ 0.8062	0.6098 0.7740	0.7333 0.9304	0.7635	0.7789	Ave		0.7708			12.3		30.0				
n-Butylbenzene	++++ 0.9201	0.8075 1.0050	0.9587 1.1539	0.9812	0.9427	Ave		0.9670			10.8		30.0				
n-Undecane	++++ 0.7672	++++ 0.8257	++++ 0.8640	0.7494	0.6617	Ave		0.7736			10.0		30.0				
1,2-Dichlorobenzene	++++ 0.4464	0.3761 0.4368	0.4533 0.5338	0.4405	0.4402	Ave		0.4467			10.3		30.0				
n-Dodecane	++++ 0.5922	++++ 0.6344	++++ 0.3651	0.5436	0.5054	Ave		0.5281			19.6		30.0				
1,2,4-Trichlorobenzene	++++ 0.3052	++++ 0.3539	0.2590 0.2822	0.2352	0.2608	Ave		0.2827			14.9		30.0				
Hexachlorobutadiene	++++ 0.2775	++++ 0.2968	0.2251 0.2222	0.2460	0.2516	Ave		0.2560			10.8		30.0				
Naphthalene	++++ 0.7138	++++ 0.9131	0.6263 0.7116	0.5670	0.6440	Ave		0.6960			17.2		30.0				
1,2,3-Trichlorobenzene	++++ 0.2559	++++ 0.3048	0.2100 0.1980	0.1939	0.2281	Ave		0.2318			18.3		30.0				

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

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

Lab Name: TestAmerica Burlington Job No.: 200-37354-1 Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01 Calibration End Date: 01/25/2017 01:00 Calibration ID: 36478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-113486/3	23629_03.D
Level 2	IC 200-113486/4	23629_04.D
Level 3	IC 200-113486/12	23629_12.D
Level 4	IC 200-113486/6	23629_06.D
Level 5	ICIS 200-113486/7	23629_07.D
Level 6	IC 200-113486/8	23629_08.D
Level 7	IC 200-113486/9	23629_09.D
Level 8	IC 200-113486/10	23629_10.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 451400	++++ 641541	++++ 1350444	133597	276772	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 964502	++++ 1384774	40518 3064990	274002	576376	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 783980	++++ 1109624	32356 2394633	224318	471554	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 922108	10257 1326156	38718 2943863	262207	548912	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 451232	++++ 646717	19491 1397983	129942	272728	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 861595	++++ 1218322	35137 2587058	248106	519656	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1169 436809	4752 624500	18768 1374173	124163	260353	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	934 364385	3911 521280	15156 1132802	102713	217634	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 308526	3525 451112	13602 995279	87806	181904	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 194479	++++ 284134	8336 623935	55306	114032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 551305	3207 789903	23372 1691961	157564	329885	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 281219	3025 419593	12082 951468	77033	165026	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 783962	8635 1157566	33291 2616098	215403	460569	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 854454	++++ 1239221	36396 2689223	238093	505462	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 287574	++++ 618290	99033 1613391	121585	197047	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

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

Lab Name: TestAmerica Burlington

Job No.: 200-37354-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 265841	2722 388723	11532 860102	73871	154672	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 144299	++++ 178502	++++ 464870	38755	82284	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	++++ 570592	6171 841837	24706 1922275	157598	334632	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 282557	2833 418955	12654 961302	78262	164719	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 828781	++++ 1108498	++++ 2356827	330617	503933	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 915605	++++ 1338924	++++ 38620 3048170	252338	535827	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 821806	++++ 1186261	++++ 2521789	227567	481627	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	++++ 694916	++++ 993331	++++ 2165947	192066	409216	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 417495	++++ 593928	++++ 1289402	119327	249178	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 519842	++++ 754496	++++ 21751 1647977	145887	304948	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 898010	++++ 1275823	++++ 2853375	244102	521251	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 1045422	++++ 1522379	++++ 10384 3416391	43439	281916	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 590054	++++ 857456	++++ 24421 1926701	163608	346130	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 328581	++++ 470403	++++ 12779 1062481	88024	191361	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 628370	++++ 911504	++++ 6656 2020205	173432	368743	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	++++ 741150	++++ 1077778	++++ 7672 2425609	31072	201057	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 1426055	++++ 2038068	++++ 4508395	379525	825392	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 345480	++++ 510110	++++ 3524 1160238	14980	202835	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 193803	++++ 283110	++++ 7825 642660	53759	111480	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 26139	++++ 39157	++++ 89749	7100	15939	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	++++ 665563	++++ 960679	++++ 2100302	185158	392885	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington

Job No.: 200-37354-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 774113	8354 1136283	32175 2586107	212085	449204	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	++++ 488459	4847 719442	20578 1646739	133885	284069	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 741660	7483 1099439	30637 2526274	197836	424801	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	1561 692669	6845 1031558	27651 2407275	184979	402588	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 2416522	24615 3565859	98801 8197950	645569	1394282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	++++ 1242760	13576 1845629	52721 4264906	336235	719888	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 619655	6386 906589	25172 2053814	168997	362204	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	++++ 1101877	11628 1601733	43799 3606624	297474	643818	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	++++ 334095	++++ 470893	++++ 1119650	87649	189004	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	1236 509276	5129 756817	21064 1773713	136162	292361	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 550720	5485 819127	22438 1892460	145806	318657	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	++++ 506374	++++ 745492	18493 1786439	128437	285837	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	++++ 251168	++++ 353616	++++ 844228	68698	144368	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	++++ 379993	4116 637542	16536 1358847	101294	217837	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	++++ 965016	8708 1429583	34930 3429319	249968	547154	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	++++ 755642	7373 1126059	29204 2672311	198746	432506	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFBZ	Ave	++++ 1456785	++++ 2062311	52445 4825241	386996	847583	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZ d5	Ave	++++ 877883	8764 1323623	35984 3112384	233992	507420	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	++++ 1571174	15947 2302772	61737 5260989	424032	914952	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	++++ 799079	7434 1183489	31012 2826194	208053	452619	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 473798	4819 705355	18518 1670355	125884	272036	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington

Job No.: 200-37354-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	1243 585809	5836 883277	23187 2126123	156151	334997	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	++++ 1443844	++++ 1995124	51862 4844668	374250	829466	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZ d5	Ave	++++ 803059	6272 1143498	26104 2937277	205154	451697	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZ d5	Ave	++++ 774674	6901 1159059	29187 2836302	201627	439714	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZ d5	Ave	++++ 1090684	11301 1639901	44954 3975959	292024	632558	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZ d5	Ave	++++ 2064822	20299 3129600	81835 7597916	544017	1185643	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBNZ d5	Ave	++++ 1295785	12191 1939692	49842 4626043	344411	748709	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZ d5	Ave	++++ 1539372	14179 2335933	58589 5795123	400035	875371	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBNZ d5	Ave	++++ 741714	7185 1120080	29178 2726637	197785	425062	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZ d5	Ave	++++ 1199673	9193 1817580	38695 4555817	301829	669931	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZ d5	Ave	++++ 756551	4625 918693	20168 2968004	186164	417428	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZ d5	Ave	++++ 2215749	20404 3367818	83076 8133512	575569	1262144	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	++++ 1330200	12457 2008079	48516 4678846	345270	756576	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZ d5	Ave	++++ 3049837	27339 4588728	113752 10647363	783960	1714021	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBNZ d5	Ave	++++ 1100022	++++ 1675546	42028 3924837	283298	623834	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBNZ d5	Ave	++++ 1840163	++++ 2650480	67485 6279136	475360	1053715	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZ d5	Ave	++++ 2423260	20279 3616320	86068 8391265	601069	1344612	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZ d5	Ave	++++ 2227644	19239 3388137	78520 7829823	551140	1230647	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZ d5	Ave	++++ 1960412	16989 2854738	72530 7206118	501428	1103093	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZ d5	Ave	++++ 914075	6547 1299262	27961 3376825	227945	511318	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZ d5	Ave	++++ 1710270	15502 2451263	63164 6305901	446527	976696	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: TestAmerica Burlington

Job No.: 200-37354-1

Analy Batch No.: 113486

SDG No.: _____

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2017 17:01

Calibration End Date: 01/25/2017 01:00

Calibration ID: 36478

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBNZ d5	Ave	++++ 1973523	17006 2820757	72499 7481028	509507	1122925	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZ d5	Ave	++++ 2803767	24909 4037995	103565 10556066	741063	1619951	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZ d5	Ave	++++ 2136072	19515 3230094	81870 8994571	582435	1279364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZ d5	Ave	++++ 1197842	10198 1724802	44276 4680073	306211	674482	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZ d5	Ave	++++ 1183268	10373 1684354	44526 4690075	303144	673515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZ d5	Ave	++++ 1947307	15761 2787226	66839 7780504	497508	1122163	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBNZ d5	Ave	++++ 2222468	20872 3619079	87379 9650301	639421	1358188	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZ d5	Ave	++++ 1853245	++++ 2973339	++++ 7225153	488313	953380	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZ d5	Ave	++++ 1078226	9720 1573103	41319 4464126	287033	634189	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBNZ d5	Ave	++++ 1430515	++++ 2284580	++++ 3053294	354251	728100	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZ d5	Ave	++++ 737129	++++ 1274409	23603 2359724	153251	375753	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZ d5	Ave	++++ 670321	5817 1068893	24841 1858066	160317	362427	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZ d5	Ave	++++ 1724241	++++ 3288146	57085 5951139	369503	927863	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZ d5	Ave	++++ 618129	++++ 1097810	19142 1656134	126355	328666	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Lab Sample ID: ICV 200-111430/15 Calibration Date: 11/17/2016 03:37
 Instrument ID: CHB.i Calib Start Date: 11/16/2016 17:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2016 00:09
 Lab File ID: 22729_15.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.119	1.092		9.76	10.0	-2.4	30.0
Dichlorodifluoromethane	Ave	2.924	2.943		10.1	10.0	0.7	30.0
Freon 22	Ave	2.078	2.048		9.85	10.0	-1.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.915	3.399		11.7	10.0	16.6	30.0
Chloromethane	Ave	1.345	1.304		9.69	10.0	-3.1	30.0
n-Butane	Ave	2.315	2.306		9.96	10.0	-0.4	30.0
Vinyl chloride	Ave	1.401	1.445		10.3	10.0	3.1	30.0
1,3-Butadiene	Ave	1.079	1.106		10.2	10.0	2.4	30.0
Bromomethane	Ave	1.136	1.219		10.7	10.0	7.3	30.0
Chloroethane	Ave	0.7823	0.8145		10.4	10.0	4.1	30.0
Isopentane	Ave	1.822	2.027		11.1	10.0	11.3	30.0
Bromoethene (Vinyl Bromide)	Ave	1.124	1.206		10.7	10.0	7.4	30.0
Trichlorofluoromethane	Ave	2.837	2.912		10.3	10.0	2.6	30.0
n-Pentane	Ave	2.784	3.126		11.2	10.0	12.3	30.0
Ethanol	Ave	0.8336	0.7391		13.3	15.0	-11.3	30.0
Ethyl ether	Ave	0.9539	1.147		12.0	10.0	20.3	30.0
Acrolein	Ave	0.4199	0.6339		15.1	10.0	51.0*	30.0
Freon TF	Ave	2.188	2.354		10.8	10.0	7.6	30.0
1,1-Dichloroethene	Ave	1.115	1.177		10.6	10.0	5.5	30.0
Acetone	Ave	2.101	2.196		10.4	10.0	4.5	30.0
Isopropyl alcohol	Ave	2.203	2.170		9.85	10.0	-1.5	30.0
Carbon disulfide	Ave	3.438	4.181		12.2	10.0	21.6	30.0
3-Chloropropene	Ave	1.992	2.064		10.4	10.0	3.6	30.0
Acetonitrile	Ave	1.212	1.417		11.7	10.0	16.9	30.0
Methylene Chloride	Ave	1.764	1.745		9.89	10.0	-1.1	30.0
tert-Butyl alcohol	Ave	2.689	2.737		10.2	10.0	1.8	30.0
Methyl tert-butyl ether	Ave	3.653	3.849		10.5	10.0	5.4	30.0
trans-1,2-Dichloroethene	Ave	1.967	2.209		11.2	10.0	12.3	30.0
Acrylonitrile	Ave	1.118	1.260		11.3	10.0	12.7	30.0
n-Hexane	Ave	2.284	2.602		11.4	10.0	13.9	30.0
1,1-Dichloroethane	Ave	2.583	2.728		10.6	10.0	5.6	30.0
Vinyl acetate	Ave	4.215	4.566		10.8	10.0	8.3	30.0
Methyl Ethyl Ketone	Ave	0.7337	0.7562		10.3	10.0	3.1	30.0
cis-1,2-Dichloroethene	Ave	1.309	1.383		10.6	10.0	5.7	30.0
Ethyl acetate	Ave	0.1128	0.1272		11.3	10.0	12.8	30.0
Tetrahydrofuran	Ave	0.3754	0.3929		10.5	10.0	4.6	30.0
Chloroform	Ave	2.541	2.697		10.6	10.0	6.1	30.0
1,1,1-Trichloroethane	Ave	0.4727	0.4951		10.5	10.0	4.7	30.0
Cyclohexane	Ave	0.3564	0.3854		10.8	10.0	8.1	30.0
Carbon tetrachloride	Ave	0.4600	0.4932		10.7	10.0	7.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Lab Sample ID: ICV 200-111430/15 Calibration Date: 11/17/2016 03:37
 Instrument ID: CHB.i Calib Start Date: 11/16/2016 17:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2016 00:09
 Lab File ID: 22729_15.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.531	1.599		10.4	10.0	4.4	30.0
Benzene	Ave	0.8419	0.8811		10.5	10.0	4.7	30.0
1,2-Dichloroethane	Ave	0.3365	0.3448		10.2	10.0	2.5	30.0
n-Heptane	Ave	0.6318	0.6445		10.2	10.0	2.0	30.0
n-Butanol	Ave	0.1723	0.1996		11.6	10.0	15.8	30.0
Trichloroethene	Ave	0.3303	0.3454		10.5	10.0	4.6	30.0
1,2-Dichloropropane	Ave	0.3502	0.3611		10.3	10.0	3.1	30.0
Methyl methacrylate	Ave	0.3207	0.3436		10.7	10.0	7.1	30.0
1,4-Dioxane	Ave	0.1289	0.1412		11.0	10.0	9.5	30.0
Dibromomethane	Ave	0.2616	0.2711		10.4	10.0	3.6	30.0
Bromodichloromethane	Ave	0.5569	0.5810		10.4	10.0	4.3	30.0
cis-1,3-Dichloropropene	Ave	0.4709	0.5075		10.8	10.0	7.8	30.0
methyl isobutyl ketone	Ave	0.7819	0.7817		10.0	10.0	-0.0	30.0
n-Octane	Ave	0.9044	0.9325		10.3	10.0	3.1	30.0
Toluene	Ave	0.6808	0.7141		10.5	10.0	4.9	30.0
trans-1,3-Dichloropropene	Ave	0.4591	0.5026		10.9	10.0	9.5	30.0
1,1,2-Trichloroethane	Ave	0.3433	0.3668		10.7	10.0	6.8	30.0
Tetrachloroethene	Ave	0.4608	0.4869		10.6	10.0	5.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.8579	0.8594		10.0	10.0	0.2	30.0
Dibromochloromethane	Ave	0.5750	0.6175		10.7	10.0	7.4	30.0
1,2-Dibromoethane	Ave	0.5575	0.5972		10.7	10.0	7.1	30.0
Chlorobenzene	Ave	0.8538	0.9090		10.6	10.0	6.5	30.0
Ethylbenzene	Ave	1.523	1.588		10.4	10.0	4.3	30.0
n-Nonane	Ave	0.9172	0.9453		10.3	10.0	3.1	30.0
m,p-Xylene	Ave	0.5715	0.5970		20.9	20.0	4.5	30.0
Xylene, o-	Ave	0.5594	0.5756		10.3	10.0	2.9	30.0
Styrene	Ave	0.8730	0.9397		10.8	10.0	7.6	30.0
Bromoform	Ave	0.4751	0.5738		12.1	10.0	20.8	30.0
Cumene	Ave	1.734	1.677		9.67	10.0	-3.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9198	0.9839		10.7	10.0	7.0	30.0
n-Propylbenzene	Ave	2.093	2.190		10.5	10.0	4.6	30.0
1,2,3-Trichloropropane	Ave	0.7576	0.7610		10.0	10.0	0.4	30.0
n-Decane	Ave	1.174	1.200		10.2	10.0	2.2	30.0
4-Ethyltoluene	Ave	1.591	1.716		10.8	10.0	7.9	30.0
2-Chlorotoluene	Ave	1.387	1.445		10.4	10.0	4.2	30.0
1,3,5-Trimethylbenzene	Ave	1.330	1.398		10.5	10.0	5.1	30.0
Alpha Methyl Styrene	Ave	0.5748	0.6915		12.0	10.0	20.3	30.0
tert-Butylbenzene	Ave	1.229	1.284		10.4	10.0	4.5	30.0
1,2,4-Trimethylbenzene	Ave	1.312	1.391		10.6	10.0	6.0	30.0
sec-Butylbenzene	Ave	1.980	2.055		10.4	10.0	3.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Lab Sample ID: ICV 200-111430/15 Calibration Date: 11/17/2016 03:37
 Instrument ID: CHB.i Calib Start Date: 11/16/2016 17:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2016 00:09
 Lab File ID: 22729_15.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.585	1.672		10.6	10.0	5.5	30.0
1,3-Dichlorobenzene	Ave	0.7906	0.8577		10.8	10.0	8.5	30.0
1,4-Dichlorobenzene	Ave	0.7646	0.8482		11.1	10.0	10.9	30.0
Benzyl chloride	Ave	1.044	1.209		11.6	10.0	15.8	30.0
n-Undecane	Ave	1.329	1.359		10.2	10.0	2.2	30.0
n-Butylbenzene	Ave	1.591	1.659		10.4	10.0	4.3	30.0
1,2-Dichlorobenzene	Ave	0.7448	0.8190		11.0	10.0	10.0	30.0
n-Dodecane	Ave	1.053	1.214		11.5	10.0	15.3	30.0
1,2,4-Trichlorobenzene	Ave	0.4420	0.5327		12.0	10.0	20.5	30.0
Hexachlorobutadiene	Ave	0.4792	0.5414		11.3	10.0	13.0	30.0
Naphthalene	Ave	1.049	1.271		12.1	10.0	21.2	30.0
1,2,3-Trichlorobenzene	Ave	0.4026	0.4980		12.4	10.0	23.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-113473/3 Calibration Date: 01/24/2017 12:48
 Instrument ID: CHB.i Calib Start Date: 11/16/2016 17:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2016 00:09
 Lab File ID: 23621_03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.119	1.369		12.2	10.0	22.3	30.0
Dichlorodifluoromethane	Ave	2.924	3.212		11.0	10.0	9.9	30.0
Freon 22	Ave	2.078	2.346		11.3	10.0	12.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.915	3.024		10.4	10.0	3.7	30.0
Chloromethane	Ave	1.345	1.479		11.0	10.0	10.0	30.0
n-Butane	Ave	2.315	2.745		11.9	10.0	18.5	30.0
Vinyl chloride	Ave	1.401	1.514		10.8	10.0	8.1	30.0
1,3-Butadiene	Ave	1.079	1.237		11.5	10.0	14.6	30.0
Bromomethane	Ave	1.136	1.180		10.4	10.0	3.9	30.0
Chloroethane	Ave	0.7823	0.8630		11.0	10.0	10.3	30.0
Isopentane	Ave	1.822	2.261		12.4	10.0	24.1	30.0
Bromoethene (Vinyl Bromide)	Ave	1.124	1.160		10.3	10.0	3.2	30.0
Trichlorofluoromethane	Ave	2.837	3.208		11.3	10.0	13.1	30.0
n-Pentane	Ave	2.784	3.492		12.5	10.0	25.4	30.0
Ethanol	Ave	0.8336	1.032		18.6	15.0	23.9	30.0
Ethyl ether	Ave	0.9539	1.127		11.8	10.0	18.2	30.0
Acrolein	Ave	0.4199	0.4867		11.6	10.0	15.9	30.0
Freon TF	Ave	2.188	2.244		10.3	10.0	2.6	30.0
1,1-Dichloroethene	Ave	1.115	1.156		10.4	10.0	3.7	30.0
Acetone	Ave	2.101	3.098		14.7	10.0	47.4*	30.0
Isopropyl alcohol	Ave	2.203	2.809		12.8	10.0	27.5	30.0
Carbon disulfide	Ave	3.438	3.697		10.8	10.0	7.5	30.0
3-Chloropropene	Ave	1.992	2.524		12.7	10.0	26.7	30.0
Acetonitrile	Ave	1.212	1.728		14.2	10.0	42.5*	30.0
Methylene Chloride	Ave	1.764	2.048		11.6	10.0	16.1	30.0
tert-Butyl alcohol	Ave	2.689	3.208		11.9	10.0	19.3	30.0
Methyl tert-butyl ether	Ave	3.653	4.180		11.4	10.0	14.4	30.0
trans-1,2-Dichloroethene	Ave	1.967	2.251		11.4	10.0	14.4	30.0
Acrylonitrile	Ave	1.118	1.359		12.2	10.0	21.6	30.0
n-Hexane	Ave	2.284	2.619		11.5	10.0	14.7	30.0
1,1-Dichloroethane	Ave	2.583	2.906		11.2	10.0	12.5	30.0
Vinyl acetate	Ave	4.215	5.442		12.9	10.0	29.1	30.0
Methyl Ethyl Ketone	Ave	0.7337	0.8056		11.0	10.0	9.8	30.0
cis-1,2-Dichloroethene	Ave	1.309	1.349		10.3	10.0	3.0	30.0
Ethyl acetate	Ave	0.1128	0.1159		10.3	10.0	2.8	30.0
Tetrahydrofuran	Ave	0.3754	0.4785		12.7	10.0	27.4	30.0
Chloroform	Ave	2.541	2.822		11.1	10.0	11.1	30.0
1,1,1-Trichloroethane	Ave	0.4727	0.5246		11.1	10.0	11.0	30.0
Cyclohexane	Ave	0.3564	0.3681		10.3	10.0	3.3	30.0
Carbon tetrachloride	Ave	0.4600	0.5011		10.9	10.0	8.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-113473/3 Calibration Date: 01/24/2017 12:48
 Instrument ID: CHB.i Calib Start Date: 11/16/2016 17:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2016 00:09
 Lab File ID: 23621_03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.531	1.698		11.1	10.0	10.9	30.0
Benzene	Ave	0.8419	0.8728		10.4	10.0	3.7	30.0
1,2-Dichloroethane	Ave	0.3365	0.3998		11.9	10.0	18.8	30.0
n-Heptane	Ave	0.6318	0.7713		12.2	10.0	22.1	30.0
n-Butanol	Ave	0.1723	0.2037		11.8	10.0	18.2	30.0
Trichloroethene	Ave	0.3303	0.3304		10.0	10.0	0.0	30.0
1,2-Dichloropropane	Ave	0.3502	0.3752		10.7	10.0	7.1	30.0
Methyl methacrylate	Ave	0.3207	0.3412		10.6	10.0	6.4	30.0
1,4-Dioxane	Ave	0.1289	0.1313		10.2	10.0	1.8	30.0
Dibromomethane	Ave	0.2616	0.2502		9.56	10.0	-4.4	30.0
Bromodichloromethane	Ave	0.5569	0.6064		10.9	10.0	8.9	30.0
cis-1,3-Dichloropropene	Ave	0.4709	0.5019		10.7	10.0	6.6	30.0
methyl isobutyl ketone	Ave	0.7819	1.005		12.8	10.0	28.5	30.0
n-Octane	Ave	0.9044	1.118		12.4	10.0	23.6	30.0
Toluene	Ave	0.6808	0.6822		10.0	10.0	0.2	30.0
trans-1,3-Dichloropropene	Ave	0.4591	0.5059		11.0	10.0	10.2	30.0
1,1,2-Trichloroethane	Ave	0.3433	0.3435		10.0	10.0	0.0	30.0
Tetrachloroethene	Ave	0.4608	0.4427		9.61	10.0	-3.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.8579	1.126		13.1	10.0	31.2*	30.0
Dibromochloromethane	Ave	0.5750	0.5716		9.94	10.0	-0.6	30.0
1,2-Dibromoethane	Ave	0.5575	0.5444		9.76	10.0	-2.4	30.0
Chlorobenzene	Ave	0.8538	0.8262		9.68	10.0	-3.2	30.0
Ethylbenzene	Ave	1.523	1.540		10.1	10.0	1.1	30.0
n-Nonane	Ave	0.9172	0.9755		10.6	10.0	6.4	30.0
m,p-Xylene	Ave	0.5715	0.5670		19.8	20.0	-0.8	30.0
Xylene, o-	Ave	0.5594	0.5500		9.83	10.0	-1.7	30.0
Styrene	Ave	0.8730	0.8809		10.1	10.0	0.9	30.0
Bromoform	Ave	0.4751	0.4885		10.3	10.0	2.8	30.0
Cumene	Ave	1.734	1.613		9.30	10.0	-7.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9198	0.9082		9.87	10.0	-1.3	30.0
n-Propylbenzene	Ave	2.093	2.142		10.2	10.0	2.3	30.0
1,2,3-Trichloropropane	Ave	0.7576	0.7655		10.1	10.0	1.0	30.0
n-Decane	Ave	1.174	1.256		10.7	10.0	7.0	30.0
4-Ethyltoluene	Ave	1.591	1.596		10.0	10.0	0.3	30.0
2-Chlorotoluene	Ave	1.387	1.389		10.0	10.0	0.1	30.0
1,3,5-Trimethylbenzene	Ave	1.330	1.344		10.1	10.0	1.1	30.0
Alpha Methyl Styrene	Ave	0.5748	0.6311		11.0	10.0	9.8	30.0
tert-Butylbenzene	Ave	1.229	1.197		9.73	10.0	-2.6	30.0
1,2,4-Trimethylbenzene	Ave	1.312	1.327		10.1	10.0	1.2	30.0
sec-Butylbenzene	Ave	1.980	1.960		9.90	10.0	-1.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37078-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-113473/3 Calibration Date: 01/24/2017 12:48
 Instrument ID: CHB.i Calib Start Date: 11/16/2016 17:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2016 00:09
 Lab File ID: 23621_03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.585	1.550		9.78	10.0	-2.2	30.0
1,3-Dichlorobenzene	Ave	0.7906	0.7777		9.83	10.0	-1.6	30.0
1,4-Dichlorobenzene	Ave	0.7646	0.7651		10.0	10.0	0.0	30.0
Benzyl chloride	Ave	1.044	1.164		11.2	10.0	11.6	30.0
n-Undecane	Ave	1.329	1.324		9.96	10.0	-0.4	30.0
n-Butylbenzene	Ave	1.591	1.604		10.1	10.0	0.8	30.0
1,2-Dichlorobenzene	Ave	0.7448	0.7240		9.72	10.0	-2.8	30.0
n-Dodecane	Ave	1.053	1.055		10.0	10.0	0.2	30.0
1,2,4-Trichlorobenzene	Ave	0.4420	0.4463		10.1	10.0	1.0	30.0
Hexachlorobutadiene	Ave	0.4792	0.5059		10.6	10.0	5.6	30.0
Naphthalene	Ave	1.049	1.013		9.65	10.0	-3.5	30.0
1,2,3-Trichlorobenzene	Ave	0.4026	0.4244		10.5	10.0	5.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Lab Sample ID: ICV 200-113486/14 Calibration Date: 01/25/2017 02:45
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23629_14.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.009	0.9745		9.66	10.0	-3.4	30.0
Dichlorodifluoromethane	Ave	2.189	2.157		9.85	10.0	-1.4	30.0
Freon 22	Ave	1.763	1.753		9.94	10.0	-0.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.094	2.314		11.0	10.0	10.5	30.0
Chloromethane	Ave	1.029	0.996		9.68	10.0	-3.2	30.0
n-Butane	Ave	1.931	1.933		10.0	10.0	0.1	30.0
Vinyl chloride	Ave	1.009	0.9751		9.66	10.0	-3.4	30.0
1,3-Butadiene	Ave	0.8302	0.7972		9.60	10.0	-4.0	30.0
Bromomethane	Ave	0.7105	0.7060		9.93	10.0	-0.6	30.0
Chloroethane	Ave	0.4436	0.4406		9.93	10.0	-0.7	30.0
Isopentane	Ave	1.163	1.363		11.7	10.0	17.2	30.0
Bromoethene (Vinyl Bromide)	Ave	0.6417	0.6326		9.86	10.0	-1.4	30.0
Trichlorofluoromethane	Ave	1.786	1.760		9.85	10.0	-1.5	30.0
n-Pentane	Ave	1.935	2.136		11.0	10.0	10.4	30.0
Ethanol	Ave	0.4935	0.4978		15.1	15.0	0.9	30.0
Ethyl ether	Ave	0.5985	0.6724		11.2	10.0	12.4	30.0
Acrolein	Ave	0.3078	0.3822		12.4	10.0	24.2	30.0
Freon TF	Ave	1.303	1.315		10.1	10.0	0.9	30.0
1,1-Dichloroethene	Ave	0.6433	0.6360		9.88	10.0	-1.1	30.0
Acetone	Ave	1.950	1.760		9.02	10.0	-9.7	30.0
Carbon disulfide	Ave	2.084	2.385		11.4	10.0	14.5	30.0
Isopropyl alcohol	Ave	1.808	1.639		9.06	10.0	-9.4	30.0
3-Chloropropene	Ave	1.532	1.481		9.66	10.0	-3.4	30.0
Acetonitrile	Ave	0.9264	1.010		10.9	10.0	9.0	30.0
Methylene Chloride	Ave	1.174	1.180		10.0	10.0	0.5	30.0
tert-Butyl alcohol	Ave	1.972	1.899		9.63	10.0	-3.7	30.0
Methyl tert-butyl ether	Ave	2.318	2.359		10.2	10.0	1.8	30.0
trans-1,2-Dichloroethene	Ave	1.327	1.425		10.7	10.0	7.4	30.0
Acrylonitrile	Ave	0.7271	0.7771		10.7	10.0	6.9	30.0
n-Hexane	Ave	1.414	1.536		10.9	10.0	8.6	30.0
1,1-Dichloroethane	Ave	1.651	1.697		10.3	10.0	2.7	30.0
Vinyl acetate	Ave	3.116	3.328		10.7	10.0	6.8	30.0
cis-1,2-Dichloroethene	Ave	0.7823	0.7708		9.85	10.0	-1.5	30.0
Methyl Ethyl Ketone	Ave	0.4365	0.4401		10.1	10.0	0.8	30.0
Ethyl acetate	Ave	0.0595	0.0651		10.9	10.0	9.4	30.0
Tetrahydrofuran	Ave	0.2668	0.2768		10.4	10.0	3.8	30.0
Chloroform	Ave	1.748	1.768		10.1	10.0	1.2	30.0
Cyclohexane	Ave	0.1984	0.2000		10.1	10.0	0.8	30.0
1,1,1-Trichloroethane	Ave	0.2998	0.3016		10.1	10.0	0.6	30.0
Carbon tetrachloride	Ave	0.2800	0.2812		10.0	10.0	0.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Lab Sample ID: ICV 200-113486/14 Calibration Date: 01/25/2017 02:45
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23629_14.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9767	0.9725		9.96	10.0	-0.4	30.0
Benzene	Ave	0.5126	0.5058		9.87	10.0	-1.3	30.0
1,2-Dichloroethane	Ave	0.2507	0.2536		10.1	10.0	1.2	30.0
n-Heptane	Ave	0.4439	0.4493		10.1	10.0	1.2	30.0
n-Butanol	Ave	0.1321	0.1379		10.4	10.0	4.4	30.0
Trichloroethene	Ave	0.2090	0.2084		9.97	10.0	-0.3	30.0
1,2-Dichloropropane	Ave	0.2223	0.2203		9.91	10.0	-0.9	30.0
Methyl methacrylate	Ave	0.2014	0.2075		10.3	10.0	3.1	30.0
1,4-Dioxane	Ave	0.1005	0.0936		9.31	10.0	-6.9	30.0
Dibromomethane	Ave	0.1604	0.1508		9.40	10.0	-6.0	30.0
Bromodichloromethane	Ave	0.3775	0.3813		10.1	10.0	1.0	30.0
cis-1,3-Dichloropropene	Ave	0.3024	0.3071		10.2	10.0	1.6	30.0
methyl isobutyl ketone	Ave	0.5752	0.5723		9.95	10.0	-0.5	30.0
Toluene	Ave	0.3640	0.3652		10.0	10.0	0.3	30.0
n-Octane	Ave	0.6309	0.6384		10.1	10.0	1.2	30.0
trans-1,3-Dichloropropene	Ave	0.3168	0.3225		10.2	10.0	1.8	30.0
1,1,2-Trichloroethane	Ave	0.1948	0.1974		10.1	10.0	1.3	30.0
Tetrachloroethene	Ave	0.2415	0.2405		9.96	10.0	-0.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5750	0.5788		10.1	10.0	0.7	30.0
Dibromochloromethane	Ave	0.3084	0.3114		10.1	10.0	1.0	30.0
1,2-Dibromoethane	Ave	0.3119	0.3174		10.2	10.0	1.7	30.0
Chlorobenzene	Ave	0.4571	0.4514		9.87	10.0	-1.3	30.0
Ethylbenzene	Ave	0.8533	0.8440		9.89	10.0	-1.1	30.0
n-Nonane	Ave	0.5278	0.5333		10.1	10.0	1.0	30.0
m,p-Xylene	Ave	0.3137	0.3089		19.7	20.0	-1.5	30.0
Xylene, o-	Ave	0.3058	0.2962		9.68	10.0	-3.1	30.0
Styrene	Ave	0.4649	0.4728		10.2	10.0	1.7	30.0
Bromoform	Ave	0.2713	0.2877		10.6	10.0	6.0	30.0
Cumene	Ave	0.8979	0.8732		9.72	10.0	-2.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5339	0.5415		10.1	10.0	1.4	30.0
n-Propylbenzene	Ave	1.215	1.199		9.86	10.0	-1.3	30.0
1,2,3-Trichloropropane	Ave	0.4531	0.4337		9.57	10.0	-4.3	30.0
4-Ethyltoluene	Ave	0.9422	0.9644		10.2	10.0	2.4	30.0
n-Decane	Ave	0.7416	0.7407		9.98	10.0	-0.1	30.0
2-Chlorotoluene	Ave	0.8722	0.8628		9.89	10.0	-1.1	30.0
1,3,5-Trimethylbenzene	Ave	0.7792	0.7782		9.99	10.0	-0.1	30.0
Alpha Methyl Styrene	Ave	0.3440	0.3638		10.6	10.0	5.8	30.0
tert-Butylbenzene	Ave	0.6855	0.6768		9.87	10.0	-1.3	30.0
1,2,4-Trimethylbenzene	Ave	0.7871	0.7848		9.97	10.0	-0.3	30.0
sec-Butylbenzene	Ave	1.129	1.121		9.92	10.0	-0.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Lab Sample ID: ICV 200-113486/14 Calibration Date: 01/25/2017 02:45
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23629_14.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.8988	0.8918		9.92	10.0	-0.8	30.0
1,3-Dichlorobenzene	Ave	0.4790	0.4730		9.87	10.0	-1.3	30.0
1,4-Dichlorobenzene	Ave	0.4773	0.4708		9.86	10.0	-1.4	30.0
Benzyl chloride	Ave	0.7708	0.7679		9.96	10.0	-0.4	30.0
n-Butylbenzene	Ave	0.9670	0.9730		10.1	10.0	0.6	30.0
n-Undecane	Ave	0.7736	0.6886		8.90	10.0	-11.0	30.0
1,2-Dichlorobenzene	Ave	0.4467	0.4434		9.92	10.0	-0.7	30.0
n-Dodecane	Ave	0.5281	0.5344		10.1	10.0	1.2	30.0
1,2,4-Trichlorobenzene	Ave	0.2827	0.2514		8.89	10.0	-11.1	30.0
Hexachlorobutadiene	Ave	0.2560	0.2403		9.39	10.0	-6.1	30.0
Naphthalene	Ave	0.6960	0.5751		8.26	10.0	-17.4	30.0
1,2,3-Trichlorobenzene	Ave	0.2318	0.2133		9.20	10.0	-8.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-113887/2 Calibration Date: 02/07/2017 11:05
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23814_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.009	0.9535		9.45	10.0	-5.5	30.0
Dichlorodifluoromethane	Ave	2.189	1.832		8.37	10.0	-16.3	30.0
Freon 22	Ave	1.763	1.546		8.77	10.0	-12.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.094	1.859		8.88	10.0	-11.2	30.0
Chloromethane	Ave	1.029	0.9272		9.01	10.0	-9.9	30.0
n-Butane	Ave	1.931	1.778		9.21	10.0	-7.9	30.0
Vinyl chloride	Ave	1.009	0.8923		8.84	10.0	-11.6	30.0
1,3-Butadiene	Ave	0.8302	0.7377		8.88	10.0	-11.1	30.0
Bromomethane	Ave	0.7105	0.6349		8.93	10.0	-10.6	30.0
Chloroethane	Ave	0.4436	0.3750		8.45	10.0	-15.5	30.0
Isopentane	Ave	1.163	1.081		9.30	10.0	-7.0	30.0
Bromoethene (Vinyl Bromide)	Ave	0.6417	0.5767		8.99	10.0	-10.1	30.0
Trichlorofluoromethane	Ave	1.786	1.499		8.39	10.0	-16.1	30.0
n-Pentane	Ave	1.935	1.684		8.70	10.0	-13.0	30.0
Ethanol	Ave	0.4935	0.3976		12.1	15.0	-19.4	30.0
Ethyl ether	Ave	0.5985	0.5168		8.63	10.0	-13.6	30.0
Acrolein	Ave	0.3078	0.2684		8.72	10.0	-12.8	30.0
Freon TF	Ave	1.303	1.142		8.76	10.0	-12.4	30.0
1,1-Dichloroethene	Ave	0.6433	0.5749		8.93	10.0	-10.6	30.0
Acetone	Ave	1.950	1.678		8.61	10.0	-13.9	30.0
Carbon disulfide	Ave	2.084	1.810		8.68	10.0	-13.1	30.0
Isopropyl alcohol	Ave	1.808	1.473		8.14	10.0	-18.5	30.0
3-Chloropropene	Ave	1.532	1.376		8.98	10.0	-10.2	30.0
Acetonitrile	Ave	0.9264	0.8153		8.80	10.0	-12.0	30.0
Methylene Chloride	Ave	1.174	1.013		8.62	10.0	-13.7	30.0
tert-Butyl alcohol	Ave	1.972	1.642		8.33	10.0	-16.7	30.0
Methyl tert-butyl ether	Ave	2.318	2.018		8.70	10.0	-12.9	30.0
trans-1,2-Dichloroethene	Ave	1.327	1.138		8.57	10.0	-14.3	30.0
Acrylonitrile	Ave	0.7271	0.6331		8.71	10.0	-12.9	30.0
n-Hexane	Ave	1.414	1.237		8.75	10.0	-12.5	30.0
1,1-Dichloroethane	Ave	1.651	1.430		8.66	10.0	-13.4	30.0
Vinyl acetate	Ave	3.116	2.762		8.86	10.0	-11.4	30.0
cis-1,2-Dichloroethene	Ave	0.7823	0.7051		9.01	10.0	-9.9	30.0
Methyl Ethyl Ketone	Ave	0.4365	0.3695		8.46	10.0	-15.3	30.0
Ethyl acetate	Ave	0.0595	0.0532		8.95	10.0	-10.5	30.0
Tetrahydrofuran	Ave	0.2668	0.2580		9.67	10.0	-3.3	30.0
Chloroform	Ave	1.748	1.467		8.39	10.0	-16.1	30.0
Cyclohexane	Ave	0.1984	0.1843		9.29	10.0	-7.1	30.0
1,1,1-Trichloroethane	Ave	0.2998	0.2642		8.81	10.0	-11.9	30.0
Carbon tetrachloride	Ave	0.2800	0.2492		8.90	10.0	-11.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-113887/2 Calibration Date: 02/07/2017 11:05
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23814_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9767	0.8964		9.18	10.0	-8.2	30.0
Benzene	Ave	0.5126	0.4617		9.01	10.0	-9.9	30.0
1,2-Dichloroethane	Ave	0.2507	0.2232		8.90	10.0	-11.0	30.0
n-Heptane	Ave	0.4439	0.4288		9.66	10.0	-3.4	30.0
n-Butanol	Ave	0.1321	0.1090		8.25	10.0	-17.5	30.0
Trichloroethene	Ave	0.2090	0.1840		8.80	10.0	-12.0	30.0
1,2-Dichloropropane	Ave	0.2223	0.2052		9.23	10.0	-7.7	30.0
Methyl methacrylate	Ave	0.2014	0.1817		9.02	10.0	-9.8	30.0
1,4-Dioxane	Ave	0.1005	0.0859		8.54	10.0	-14.5	30.0
Dibromomethane	Ave	0.1604	0.1456		9.07	10.0	-9.3	30.0
Bromodichloromethane	Ave	0.3775	0.3405		9.02	10.0	-9.8	30.0
cis-1,3-Dichloropropene	Ave	0.3024	0.2755		9.11	10.0	-8.9	30.0
methyl isobutyl ketone	Ave	0.5752	0.5554		9.65	10.0	-3.4	30.0
Toluene	Ave	0.3640	0.3396		9.33	10.0	-6.7	30.0
n-Octane	Ave	0.6309	0.6169		9.78	10.0	-2.2	30.0
trans-1,3-Dichloropropene	Ave	0.3168	0.2855		9.01	10.0	-9.9	30.0
1,1,2-Trichloroethane	Ave	0.1948	0.1781		9.14	10.0	-8.6	30.0
Tetrachloroethene	Ave	0.2415	0.2282		9.45	10.0	-5.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5750	0.5617		9.77	10.0	-2.3	30.0
Dibromochloromethane	Ave	0.3084	0.2871		9.31	10.0	-6.9	30.0
1,2-Dibromoethane	Ave	0.3119	0.2826		9.06	10.0	-9.4	30.0
Chlorobenzene	Ave	0.4571	0.4189		9.16	10.0	-8.4	30.0
Ethylbenzene	Ave	0.8533	0.7723		9.05	10.0	-9.5	30.0
n-Nonane	Ave	0.5278	0.4967		9.41	10.0	-5.9	30.0
m,p-Xylene	Ave	0.3137	0.2880		18.4	20.0	-8.2	30.0
Xylene, o-	Ave	0.3058	0.2811		9.19	10.0	-8.1	30.0
Styrene	Ave	0.4649	0.4359		9.37	10.0	-6.2	30.0
Bromoform	Ave	0.2713	0.2631		9.70	10.0	-3.0	30.0
Cumene	Ave	0.8979	0.8198		9.13	10.0	-8.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5339	0.4848		9.08	10.0	-9.2	30.0
n-Propylbenzene	Ave	1.215	1.102		9.06	10.0	-9.3	30.0
1,2,3-Trichloropropane	Ave	0.4531	0.3943		8.70	10.0	-13.0	30.0
n-Decane	Ave	0.7416	0.6875		9.27	10.0	-7.3	30.0
4-Ethyltoluene	Ave	0.9422	0.8599		9.12	10.0	-8.7	30.0
2-Chlorotoluene	Ave	0.8722	0.7742		8.87	10.0	-11.2	30.0
1,3,5-Trimethylbenzene	Ave	0.7792	0.7000		8.98	10.0	-10.2	30.0
Alpha Methyl Styrene	Ave	0.3440	0.3285		9.55	10.0	-4.5	30.0
tert-Butylbenzene	Ave	0.6855	0.6301		9.19	10.0	-8.1	30.0
1,2,4-Trimethylbenzene	Ave	0.7871	0.7114		9.04	10.0	-9.6	30.0
sec-Butylbenzene	Ave	1.129	1.037		9.18	10.0	-8.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37174-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-113887/2 Calibration Date: 02/07/2017 11:05
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23814_02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.8988	0.8218		9.14	10.0	-8.6	30.0
1,3-Dichlorobenzene	Ave	0.4790	0.4362		9.11	10.0	-8.9	30.0
1,4-Dichlorobenzene	Ave	0.4773	0.4322		9.05	10.0	-9.5	30.0
Benzyl chloride	Ave	0.7708	0.6783		8.80	10.0	-12.0	30.0
n-Butylbenzene	Ave	0.9670	0.8432		8.72	10.0	-12.8	30.0
n-Undecane	Ave	0.7736	0.6117		7.91	10.0	-20.9	30.0
1,2-Dichlorobenzene	Ave	0.4467	0.4093		9.16	10.0	-8.4	30.0
n-Dodecane	Ave	0.5281	0.4736		8.97	10.0	-10.3	30.0
1,2,4-Trichlorobenzene	Ave	0.2827	0.2387		8.44	10.0	-15.5	30.0
Hexachlorobutadiene	Ave	0.2560	0.2351		9.18	10.0	-8.2	30.0
Naphthalene	Ave	0.6960	0.5454		7.83	10.0	-21.6	30.0
1,2,3-Trichlorobenzene	Ave	0.2318	0.2113		9.11	10.0	-8.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Lab Sample ID: ICV 200-113486/14 Calibration Date: 01/25/2017 02:45
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23629_14.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.009	0.9745		9.66	10.0	-3.4	30.0
Dichlorodifluoromethane	Ave	2.189	2.157		9.85	10.0	-1.4	30.0
Freon 22	Ave	1.763	1.753		9.94	10.0	-0.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.094	2.314		11.0	10.0	10.5	30.0
Chloromethane	Ave	1.029	0.996		9.68	10.0	-3.2	30.0
n-Butane	Ave	1.931	1.933		10.0	10.0	0.1	30.0
Vinyl chloride	Ave	1.009	0.9751		9.66	10.0	-3.4	30.0
1,3-Butadiene	Ave	0.8302	0.7972		9.60	10.0	-4.0	30.0
Bromomethane	Ave	0.7105	0.7060		9.93	10.0	-0.6	30.0
Chloroethane	Ave	0.4436	0.4406		9.93	10.0	-0.7	30.0
Isopentane	Ave	1.163	1.363		11.7	10.0	17.2	30.0
Bromoethene (Vinyl Bromide)	Ave	0.6417	0.6326		9.86	10.0	-1.4	30.0
Trichlorofluoromethane	Ave	1.786	1.760		9.85	10.0	-1.5	30.0
n-Pentane	Ave	1.935	2.136		11.0	10.0	10.4	30.0
Ethanol	Ave	0.4935	0.4978		15.1	15.0	0.9	30.0
Ethyl ether	Ave	0.5985	0.6724		11.2	10.0	12.4	30.0
Acrolein	Ave	0.3078	0.3822		12.4	10.0	24.2	30.0
Freon TF	Ave	1.303	1.315		10.1	10.0	0.9	30.0
1,1-Dichloroethene	Ave	0.6433	0.6360		9.88	10.0	-1.1	30.0
Acetone	Ave	1.950	1.760		9.02	10.0	-9.7	30.0
Carbon disulfide	Ave	2.084	2.385		11.4	10.0	14.5	30.0
Isopropyl alcohol	Ave	1.808	1.639		9.06	10.0	-9.4	30.0
3-Chloropropene	Ave	1.532	1.481		9.66	10.0	-3.4	30.0
Acetonitrile	Ave	0.9264	1.010		10.9	10.0	9.0	30.0
Methylene Chloride	Ave	1.174	1.180		10.0	10.0	0.5	30.0
tert-Butyl alcohol	Ave	1.972	1.899		9.63	10.0	-3.7	30.0
Methyl tert-butyl ether	Ave	2.318	2.359		10.2	10.0	1.8	30.0
trans-1,2-Dichloroethene	Ave	1.327	1.425		10.7	10.0	7.4	30.0
Acrylonitrile	Ave	0.7271	0.7771		10.7	10.0	6.9	30.0
n-Hexane	Ave	1.414	1.536		10.9	10.0	8.6	30.0
1,1-Dichloroethane	Ave	1.651	1.697		10.3	10.0	2.7	30.0
Vinyl acetate	Ave	3.116	3.328		10.7	10.0	6.8	30.0
cis-1,2-Dichloroethene	Ave	0.7823	0.7708		9.85	10.0	-1.5	30.0
Methyl Ethyl Ketone	Ave	0.4365	0.4401		10.1	10.0	0.8	30.0
Ethyl acetate	Ave	0.0595	0.0651		10.9	10.0	9.4	30.0
Tetrahydrofuran	Ave	0.2668	0.2768		10.4	10.0	3.8	30.0
Chloroform	Ave	1.748	1.768		10.1	10.0	1.2	30.0
Cyclohexane	Ave	0.1984	0.2000		10.1	10.0	0.8	30.0
1,1,1-Trichloroethane	Ave	0.2998	0.3016		10.1	10.0	0.6	30.0
Carbon tetrachloride	Ave	0.2800	0.2812		10.0	10.0	0.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Lab Sample ID: ICV 200-113486/14 Calibration Date: 01/25/2017 02:45
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23629_14.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9767	0.9725		9.96	10.0	-0.4	30.0
Benzene	Ave	0.5126	0.5058		9.87	10.0	-1.3	30.0
1,2-Dichloroethane	Ave	0.2507	0.2536		10.1	10.0	1.2	30.0
n-Heptane	Ave	0.4439	0.4493		10.1	10.0	1.2	30.0
n-Butanol	Ave	0.1321	0.1379		10.4	10.0	4.4	30.0
Trichloroethene	Ave	0.2090	0.2084		9.97	10.0	-0.3	30.0
1,2-Dichloropropane	Ave	0.2223	0.2203		9.91	10.0	-0.9	30.0
Methyl methacrylate	Ave	0.2014	0.2075		10.3	10.0	3.1	30.0
1,4-Dioxane	Ave	0.1005	0.0936		9.31	10.0	-6.9	30.0
Dibromomethane	Ave	0.1604	0.1508		9.40	10.0	-6.0	30.0
Bromodichloromethane	Ave	0.3775	0.3813		10.1	10.0	1.0	30.0
cis-1,3-Dichloropropene	Ave	0.3024	0.3071		10.2	10.0	1.6	30.0
methyl isobutyl ketone	Ave	0.5752	0.5723		9.95	10.0	-0.5	30.0
Toluene	Ave	0.3640	0.3652		10.0	10.0	0.3	30.0
n-Octane	Ave	0.6309	0.6384		10.1	10.0	1.2	30.0
trans-1,3-Dichloropropene	Ave	0.3168	0.3225		10.2	10.0	1.8	30.0
1,1,2-Trichloroethane	Ave	0.1948	0.1974		10.1	10.0	1.3	30.0
Tetrachloroethene	Ave	0.2415	0.2405		9.96	10.0	-0.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5750	0.5788		10.1	10.0	0.7	30.0
Dibromochloromethane	Ave	0.3084	0.3114		10.1	10.0	1.0	30.0
1,2-Dibromoethane	Ave	0.3119	0.3174		10.2	10.0	1.7	30.0
Chlorobenzene	Ave	0.4571	0.4514		9.87	10.0	-1.3	30.0
Ethylbenzene	Ave	0.8533	0.8440		9.89	10.0	-1.1	30.0
n-Nonane	Ave	0.5278	0.5333		10.1	10.0	1.0	30.0
m,p-Xylene	Ave	0.3137	0.3089		19.7	20.0	-1.5	30.0
Xylene, o-	Ave	0.3058	0.2962		9.68	10.0	-3.1	30.0
Styrene	Ave	0.4649	0.4728		10.2	10.0	1.7	30.0
Bromoform	Ave	0.2713	0.2877		10.6	10.0	6.0	30.0
Cumene	Ave	0.8979	0.8732		9.72	10.0	-2.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5339	0.5415		10.1	10.0	1.4	30.0
n-Propylbenzene	Ave	1.215	1.199		9.86	10.0	-1.3	30.0
1,2,3-Trichloropropane	Ave	0.4531	0.4337		9.57	10.0	-4.3	30.0
4-Ethyltoluene	Ave	0.9422	0.9644		10.2	10.0	2.4	30.0
n-Decane	Ave	0.7416	0.7407		9.98	10.0	-0.1	30.0
2-Chlorotoluene	Ave	0.8722	0.8628		9.89	10.0	-1.1	30.0
1,3,5-Trimethylbenzene	Ave	0.7792	0.7782		9.99	10.0	-0.1	30.0
Alpha Methyl Styrene	Ave	0.3440	0.3638		10.6	10.0	5.8	30.0
tert-Butylbenzene	Ave	0.6855	0.6768		9.87	10.0	-1.3	30.0
1,2,4-Trimethylbenzene	Ave	0.7871	0.7848		9.97	10.0	-0.3	30.0
sec-Butylbenzene	Ave	1.129	1.121		9.92	10.0	-0.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Lab Sample ID: ICV 200-113486/14 Calibration Date: 01/25/2017 02:45
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23629_14.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.8988	0.8918		9.92	10.0	-0.8	30.0
1,3-Dichlorobenzene	Ave	0.4790	0.4730		9.87	10.0	-1.3	30.0
1,4-Dichlorobenzene	Ave	0.4773	0.4708		9.86	10.0	-1.4	30.0
Benzyl chloride	Ave	0.7708	0.7679		9.96	10.0	-0.4	30.0
n-Butylbenzene	Ave	0.9670	0.9730		10.1	10.0	0.6	30.0
n-Undecane	Ave	0.7736	0.6886		8.90	10.0	-11.0	30.0
1,2-Dichlorobenzene	Ave	0.4467	0.4434		9.92	10.0	-0.7	30.0
n-Dodecane	Ave	0.5281	0.5344		10.1	10.0	1.2	30.0
1,2,4-Trichlorobenzene	Ave	0.2827	0.2514		8.89	10.0	-11.1	30.0
Hexachlorobutadiene	Ave	0.2560	0.2403		9.39	10.0	-6.1	30.0
Naphthalene	Ave	0.6960	0.5751		8.26	10.0	-17.4	30.0
1,2,3-Trichlorobenzene	Ave	0.2318	0.2133		9.20	10.0	-8.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-114093/3 Calibration Date: 02/14/2017 12:53
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23929_03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.009	0.9386		9.30	10.0	-6.9	30.0
Dichlorodifluoromethane	Ave	2.189	1.926		8.80	10.0	-12.0	30.0
Freon 22	Ave	1.763	1.619		9.19	10.0	-8.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.094	2.142		10.2	10.0	2.3	30.0
Chloromethane	Ave	1.029	0.9268		9.00	10.0	-9.9	30.0
n-Butane	Ave	1.931	1.796		9.30	10.0	-7.0	30.0
Vinyl chloride	Ave	1.009	0.8859		8.78	10.0	-12.2	30.0
1,3-Butadiene	Ave	0.8302	0.7276		8.76	10.0	-12.4	30.0
Bromomethane	Ave	0.7105	0.6599		9.29	10.0	-7.1	30.0
Chloroethane	Ave	0.4436	0.3896		8.78	10.0	-12.2	30.0
Isopentane	Ave	1.163	1.203		10.3	10.0	3.4	30.0
Bromoethene (Vinyl Bromide)	Ave	0.6417	0.6121		9.54	10.0	-4.6	30.0
Trichlorofluoromethane	Ave	1.786	1.610		9.01	10.0	-9.9	30.0
n-Pentane	Ave	1.935	1.932		9.98	10.0	-0.1	30.0
Ethanol	Ave	0.4935	0.4613		14.0	15.0	-6.5	30.0
Ethyl ether	Ave	0.5985	0.5987		10.0	10.0	0.0	30.0
Acrolein	Ave	0.3078	0.3284		10.7	10.0	6.7	30.0
Freon TF	Ave	1.303	1.215		9.33	10.0	-6.7	30.0
1,1-Dichloroethene	Ave	0.6433	0.5917		9.19	10.0	-8.0	30.0
Acetone	Ave	1.950	1.633		8.37	10.0	-16.2	30.0
Carbon disulfide	Ave	2.084	2.165		10.4	10.0	3.9	30.0
Isopropyl alcohol	Ave	1.808	1.505		8.32	10.0	-16.8	30.0
3-Chloropropene	Ave	1.532	1.342		8.76	10.0	-12.4	30.0
Acetonitrile	Ave	0.9264	0.9072		9.79	10.0	-2.1	30.0
Methylene Chloride	Ave	1.174	1.059		9.02	10.0	-9.8	30.0
tert-Butyl alcohol	Ave	1.972	1.715		8.70	10.0	-13.0	30.0
Methyl tert-butyl ether	Ave	2.318	2.150		9.27	10.0	-7.2	30.0
trans-1,2-Dichloroethene	Ave	1.327	1.255		9.46	10.0	-5.4	30.0
Acrylonitrile	Ave	0.7271	0.6926		9.52	10.0	-4.7	30.0
n-Hexane	Ave	1.414	1.387		9.81	10.0	-1.9	30.0
1,1-Dichloroethane	Ave	1.651	1.535		9.29	10.0	-7.0	30.0
Vinyl acetate	Ave	3.116	3.091		9.92	10.0	-0.8	30.0
cis-1,2-Dichloroethene	Ave	0.7823	0.7440		9.51	10.0	-4.9	30.0
Methyl Ethyl Ketone	Ave	0.4365	0.4128		9.45	10.0	-5.4	30.0
Ethyl acetate	Ave	0.0595	0.0614		10.3	10.0	3.2	30.0
Tetrahydrofuran	Ave	0.2668	0.2818		10.6	10.0	5.7	30.0
Chloroform	Ave	1.748	1.617		9.25	10.0	-7.5	30.0
Cyclohexane	Ave	0.1984	0.1968		9.92	10.0	-0.8	30.0
1,1,1-Trichloroethane	Ave	0.2998	0.2892		9.64	10.0	-3.5	30.0
Carbon tetrachloride	Ave	0.2800	0.2728		9.74	10.0	-2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-114093/3 Calibration Date: 02/14/2017 12:53
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23929_03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9767	0.9673		9.90	10.0	-1.0	30.0
Benzene	Ave	0.5126	0.4982		9.72	10.0	-2.8	30.0
1,2-Dichloroethane	Ave	0.2507	0.2442		9.74	10.0	-2.6	30.0
n-Heptane	Ave	0.4439	0.4732		10.7	10.0	6.6	30.0
n-Butanol	Ave	0.1321	0.1417		10.7	10.0	7.2	30.0
Trichloroethene	Ave	0.2090	0.1993		9.53	10.0	-4.6	30.0
1,2-Dichloropropane	Ave	0.2223	0.2188		9.84	10.0	-1.6	30.0
Methyl methacrylate	Ave	0.2014	0.2022		10.0	10.0	0.4	30.0
1,4-Dioxane	Ave	0.1005	0.0933		9.28	10.0	-7.2	30.0
Dibromomethane	Ave	0.1604	0.1571		9.79	10.0	-2.1	30.0
Bromodichloromethane	Ave	0.3775	0.3593		9.52	10.0	-4.8	30.0
cis-1,3-Dichloropropene	Ave	0.3024	0.3009		9.95	10.0	-0.5	30.0
methyl isobutyl ketone	Ave	0.5752	0.6235		10.8	10.0	8.4	30.0
Toluene	Ave	0.3640	0.3619		9.94	10.0	-0.6	30.0
n-Octane	Ave	0.6309	0.7033		11.1	10.0	11.5	30.0
trans-1,3-Dichloropropene	Ave	0.3168	0.3167		9.99	10.0	-0.0	30.0
1,1,2-Trichloroethane	Ave	0.1948	0.1907		9.79	10.0	-2.1	30.0
Tetrachloroethene	Ave	0.2415	0.2458		10.2	10.0	1.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5750	0.6287		10.9	10.0	9.3	30.0
Dibromochloromethane	Ave	0.3084	0.2944		9.55	10.0	-4.5	30.0
1,2-Dibromoethane	Ave	0.3119	0.3036		9.73	10.0	-2.7	30.0
Chlorobenzene	Ave	0.4571	0.4469		9.77	10.0	-2.2	30.0
Ethylbenzene	Ave	0.8533	0.8268		9.69	10.0	-3.1	30.0
n-Nonane	Ave	0.5278	0.5416		10.3	10.0	2.6	30.0
m,p-Xylene	Ave	0.3137	0.3056		19.5	20.0	-2.6	30.0
Xylene, o-	Ave	0.3058	0.2938		9.61	10.0	-3.9	30.0
Styrene	Ave	0.4649	0.4708		10.1	10.0	1.3	30.0
Bromoform	Ave	0.2713	0.2716		10.0	10.0	0.1	30.0
Cumene	Ave	0.8979	0.8573		9.55	10.0	-4.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5339	0.5144		9.63	10.0	-3.6	30.0
n-Propylbenzene	Ave	1.215	1.153		9.49	10.0	-5.1	30.0
1,2,3-Trichloropropane	Ave	0.4531	0.4133		9.12	10.0	-8.8	30.0
4-Ethyltoluene	Ave	0.9422	0.9309		9.88	10.0	-1.2	30.0
n-Decane	Ave	0.7416	0.7324		9.87	10.0	-1.2	30.0
2-Chlorotoluene	Ave	0.8722	0.8160		9.35	10.0	-6.4	30.0
1,3,5-Trimethylbenzene	Ave	0.7792	0.7462		9.58	10.0	-4.2	30.0
Alpha Methyl Styrene	Ave	0.3440	0.3561		10.3	10.0	3.5	30.0
tert-Butylbenzene	Ave	0.6855	0.6598		9.62	10.0	-3.7	30.0
1,2,4-Trimethylbenzene	Ave	0.7871	0.7515		9.55	10.0	-4.5	30.0
sec-Butylbenzene	Ave	1.129	1.080		9.56	10.0	-4.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-37354-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-114093/3 Calibration Date: 02/14/2017 12:53
 Instrument ID: CHC.i Calib Start Date: 01/24/2017 17:01
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/25/2017 01:00
 Lab File ID: 23929_03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.8988	0.8713		9.69	10.0	-3.1	30.0
1,3-Dichlorobenzene	Ave	0.4790	0.4682		9.77	10.0	-2.3	30.0
1,4-Dichlorobenzene	Ave	0.4773	0.4638		9.71	10.0	-2.8	30.0
Benzyl chloride	Ave	0.7708	0.7099		9.21	10.0	-7.9	30.0
n-Butylbenzene	Ave	0.9670	0.9120		9.43	10.0	-5.7	30.0
n-Undecane	Ave	0.7736	0.6679		8.63	10.0	-13.7	30.0
1,2-Dichlorobenzene	Ave	0.4467	0.4375		9.79	10.0	-2.1	30.0
n-Dodecane	Ave	0.5281	0.4947		9.36	10.0	-6.3	30.0
1,2,4-Trichlorobenzene	Ave	0.2827	0.2403		8.50	10.0	-15.0	30.0
Hexachlorobutadiene	Ave	0.2560	0.2464		9.62	10.0	-3.8	30.0
Naphthalene	Ave	0.6960	0.5045		7.25	10.0	-27.5	30.0
1,2,3-Trichlorobenzene	Ave	0.2318	0.1882		8.12	10.0	-18.8	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-37078-1

SDG No.: _____

Instrument ID: CHB.i Start Date: 11/16/2016 15:25

Analysis Batch Number: 111430 End Date: 11/17/2016 06:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-111430/1		11/16/2016 15:25	1	22729_01.D	RTX-624 0.32 (mm)
VIBLK 200-111430/2		11/16/2016 16:19	1		RTX-624 0.32 (mm)
IC 200-111430/3		11/16/2016 17:12	1	22729_03.D	RTX-624 0.32 (mm)
IC 200-111430/4		11/16/2016 18:04	1	22729_04.D	RTX-624 0.32 (mm)
IC 200-111430/5		11/16/2016 18:56	1	22729_05.D	RTX-624 0.32 (mm)
IC 200-111430/6		11/16/2016 19:48	1	22729_06.D	RTX-624 0.32 (mm)
ICIS 200-111430/7		11/16/2016 20:40	1	22729_07.D	RTX-624 0.32 (mm)
IC 200-111430/8		11/16/2016 21:32	1	22729_08.D	RTX-624 0.32 (mm)
IC 200-111430/9		11/16/2016 22:24	1	22729_09.D	RTX-624 0.32 (mm)
ZZZZZ		11/16/2016 23:16	1		RTX-624 0.32 (mm)
IC 200-111430/11		11/17/2016 00:09	1	22729_11.D	RTX-624 0.32 (mm)
VIBLK 200-111430/12		11/17/2016 01:01	1		RTX-624 0.32 (mm)
VIBLK 200-111430/13		11/17/2016 01:53	1		RTX-624 0.32 (mm)
VIBLK 200-111430/14		11/17/2016 02:45	1		RTX-624 0.32 (mm)
ICV 200-111430/15		11/17/2016 03:37	1	22729_15.D	RTX-624 0.32 (mm)
ZZZZZ		11/17/2016 04:30	1		RTX-624 0.32 (mm)
ZZZZZ		11/17/2016 05:22	1		RTX-624 0.32 (mm)
VIBLK 200-111430/18		11/17/2016 06:13	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-37078-1

SDG No.: _____

Instrument ID: CHB.i Start Date: 01/24/2017 11:02

Analysis Batch Number: 113473 End Date: 01/25/2017 06:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-113473/1		01/24/2017 11:02	1	23621_01.D	RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 11:55	1		RTX-624 0.32 (mm)
CCVIS 200-113473/3		01/24/2017 12:48	1	23621_03.D	RTX-624 0.32 (mm)
LCS 200-113473/4		01/24/2017 13:38	1	23621_04.D	RTX-624 0.32 (mm)
MB 200-113473/5		01/24/2017 14:31	1	23621_05.D	RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 15:35	1		RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 16:46	10		RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 17:39	10		RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 18:31	10		RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 19:24	1		RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 20:17	1		RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 21:10	1		RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 22:03	1		RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 22:56	1		RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 23:49	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 00:42	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 01:35	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 02:28	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 03:21	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 04:23	0.2		RTX-624 0.32 (mm)
200-37078-1		01/25/2017 05:25	0.2	23621_21.D	RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 06:27	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-37174-1

SDG No.: _____

Instrument ID: CHC.i Start Date: 01/24/2017 15:24

Analysis Batch Number: 113486 End Date: 01/25/2017 05:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-113486/1		01/24/2017 15:24	1	23629_01.D	RTX-624 0.32 (mm)
VIBLK 200-113486/2		01/24/2017 16:07	1		RTX-624 0.32 (mm)
IC 200-113486/3		01/24/2017 17:01	1	23629_03.D	RTX-624 0.32 (mm)
IC 200-113486/4		01/24/2017 17:54	1	23629_04.D	RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 18:47	1		RTX-624 0.32 (mm)
IC 200-113486/6		01/24/2017 19:40	1	23629_06.D	RTX-624 0.32 (mm)
ICIS 200-113486/7		01/24/2017 20:33	1	23629_07.D	RTX-624 0.32 (mm)
IC 200-113486/8		01/24/2017 21:27	1	23629_08.D	RTX-624 0.32 (mm)
IC 200-113486/9		01/24/2017 22:20	1	23629_09.D	RTX-624 0.32 (mm)
IC 200-113486/10		01/24/2017 23:13	1	23629_10.D	RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 00:07	1		RTX-624 0.32 (mm)
IC 200-113486/12		01/25/2017 01:00	1	23629_12.D	RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 01:52	1		RTX-624 0.32 (mm)
ICV 200-113486/14		01/25/2017 02:45	1	23629_14.D	RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 03:39	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 04:32	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 05:25	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-37174-1

SDG No.: _____

Instrument ID: CHC.i Start Date: 02/07/2017 10:19

Analysis Batch Number: 113887 End Date: 02/08/2017 09:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-113887/1		02/07/2017 10:19	1	23814_01.D	RTX-624 0.32 (mm)
CCVIS 200-113887/2		02/07/2017 11:05	1	23814_02.D	RTX-624 0.32 (mm)
LCS 200-113887/3		02/07/2017 11:58	1	23814_03.D	RTX-624 0.32 (mm)
MB 200-113887/4		02/07/2017 12:51	1	23814_04.D	RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 13:45	5		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 14:38	1		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 15:31	1		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 16:24	4		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 17:18	1.69		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 18:11	261		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 19:05	212		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 19:58	41.8		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 20:51	1		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 21:44	1		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 22:43	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/07/2017 23:42	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/08/2017 00:36	1		RTX-624 0.32 (mm)
ZZZZZ		02/08/2017 01:34	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/08/2017 02:33	0.2		RTX-624 0.32 (mm)
200-37174-1		02/08/2017 03:32	0.2	23814_20.D	RTX-624 0.32 (mm)
ZZZZZ		02/08/2017 04:31	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/08/2017 05:30	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/08/2017 06:28	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/08/2017 07:26	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/08/2017 08:20	1		RTX-624 0.32 (mm)
ZZZZZ		02/08/2017 09:18	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-37354-1

SDG No.: _____

Instrument ID: CHC.i Start Date: 01/24/2017 15:24

Analysis Batch Number: 113486 End Date: 01/25/2017 05:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-113486/1		01/24/2017 15:24	1	23629_01.D	RTX-624 0.32 (mm)
VIBLK 200-113486/2		01/24/2017 16:07	1		RTX-624 0.32 (mm)
IC 200-113486/3		01/24/2017 17:01	1	23629_03.D	RTX-624 0.32 (mm)
IC 200-113486/4		01/24/2017 17:54	1	23629_04.D	RTX-624 0.32 (mm)
ZZZZZ		01/24/2017 18:47	1		RTX-624 0.32 (mm)
IC 200-113486/6		01/24/2017 19:40	1	23629_06.D	RTX-624 0.32 (mm)
ICIS 200-113486/7		01/24/2017 20:33	1	23629_07.D	RTX-624 0.32 (mm)
IC 200-113486/8		01/24/2017 21:27	1	23629_08.D	RTX-624 0.32 (mm)
IC 200-113486/9		01/24/2017 22:20	1	23629_09.D	RTX-624 0.32 (mm)
IC 200-113486/10		01/24/2017 23:13	1	23629_10.D	RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 00:07	1		RTX-624 0.32 (mm)
IC 200-113486/12		01/25/2017 01:00	1	23629_12.D	RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 01:52	1		RTX-624 0.32 (mm)
ICV 200-113486/14		01/25/2017 02:45	1	23629_14.D	RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 03:39	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 04:32	1		RTX-624 0.32 (mm)
ZZZZZ		01/25/2017 05:25	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-37354-1

SDG No.: _____

Instrument ID: CHC.i Start Date: 02/14/2017 11:14

Analysis Batch Number: 114093 End Date: 02/15/2017 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-114093/1		02/14/2017 11:14	1	23929_01.D	RTX-624 0.32 (mm)
CCVIS 200-114093/2		02/14/2017 12:00	1		RTX-624 0.32 (mm)
CCVIS 200-114093/3		02/14/2017 12:53	1	23929_03.D	RTX-624 0.32 (mm)
LCS 200-114093/4		02/14/2017 13:46	1	23929_04.D	RTX-624 0.32 (mm)
MB 200-114093/5		02/14/2017 14:39	1	23929_05.D	RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 15:35	10		RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 16:29	1		RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 17:22	1		RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 18:16	1		RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 19:09	229		RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 20:02	20.2		RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 20:56	213		RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 21:49	20.2		RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 22:43	36.3		RTX-624 0.32 (mm)
ZZZZZ		02/14/2017 23:35	36.3		RTX-624 0.32 (mm)
ZZZZZ		02/15/2017 00:29	10		RTX-624 0.32 (mm)
ZZZZZ		02/15/2017 01:23	10		RTX-624 0.32 (mm)
ZZZZZ		02/15/2017 02:16	10		RTX-624 0.32 (mm)
ZZZZZ		02/15/2017 03:09	10		RTX-624 0.32 (mm)
ZZZZZ		02/15/2017 04:03	10		RTX-624 0.32 (mm)
ZZZZZ		02/15/2017 04:56	10		RTX-624 0.32 (mm)
ZZZZZ		02/15/2017 05:49	10		RTX-624 0.32 (mm)
ZZZZZ		02/15/2017 06:43	2		RTX-624 0.32 (mm)
ZZZZZ		02/15/2017 07:36	1		RTX-624 0.32 (mm)
200-37354-3		02/15/2017 08:35	0.2	23929_25.D	RTX-624 0.32 (mm)

Shipping and Receiving Documents

ORIGIN ID:ROCA (585) 662-4024
AAROD RICHARDSON
ARCADIS
295 WOODCLIFF DR FL 3
PO# B0041501000100012
FAIRPORT, NY 14450
UNITED STATES US

SHIP DATE: 23FEB17
ACTWTG: 8.20 LB
CAD: 006994897/SSFE1722
DIMS: 19x10x10 IN

BILL THIRD PARTY

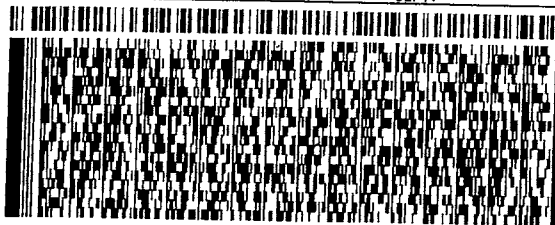
TO **SAMPLES RECEIVING**
TEST AMERICA
30 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403

(903) 660-1990

REF:

DEPT:



FedEx
Express



Part # 156297V-435 RIT2 APV EXP 09/17 ::

ORIGIN ID:ROCA (585) 662-4024
AAROD RICHARDSON
ARCADIS
295 WOODCLIFF DR FL 3
PO# B0041501000100012
FAIRPORT, NY 14450
UNITED STATES US

SHIP DATE: 23FEB17
ACTWTG: 19.70 LB
CAD: 006994897/SSFE1722
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BILL THIRD PARTY

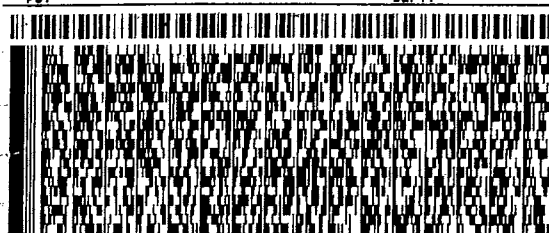
TO **SAMPLES RECEIVING**
TEST AMERICA
30 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403

(903) 660-1990

REF:

DEPT:



FedEx
Express



1 of 3
TRK# 7857 0594 2434
0201
MASTER

FRI - 24 FEB 3:00P
STANDARD OVERNIGHT

XH BTVA

05403
VT-US BTV

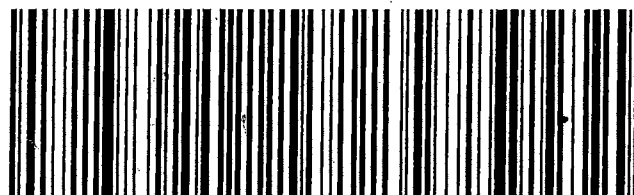


2 of 3
MPS# 7857 0594 2445
0263
Mstr# 7857 0594 2434

FRI - 24 FEB 3:00
STANDARD OVERNIGHT

XH BTVA

05403
VT-US BTV



Part # 156297V-435 RIT2 APV EXP 09/17 ::

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ACTWTG: 34.10 LB
CAD: 006994897/SSFE1722
DIMS: 20x20x17 IN
BILL THIRD PARTY

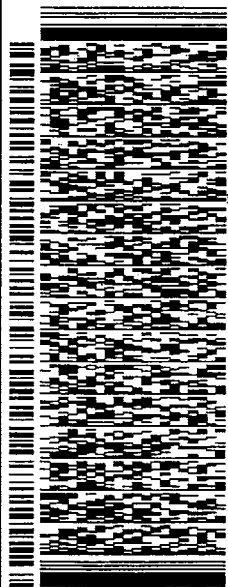
ORIGIN ID:ROCA (585) 662-4024
AAROD RICHARDSON
ARCADIS
295 WOODCLIFF DR FL 3
PO# B0041501000100012
FAIRPORT, NY 14450
UNITED STATES US

TO **SAMPLES RECEIVING**
TEST AMERICA
30 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403

(903) 660-1990
REF:

DEPT:



FedEx
Express



FRI - 24 FEB 3:00P
STANDARD OVERNIGHT

3 of 3
MPS# 7857 0594 2456
0263
Mstr# 7857 0594 2434

XH BTVA

05403
VT-US BTV



Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 200-37514-1

Login Number: 37514
List Number: 1
Creator: Hayden, Anita L

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	076678, 076679, 076680, 076677, 076676
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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	ADR
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.