May 6, 2015

Mr. William Wu
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany NY 12233-7014

Re: Former Batavia MGP Site (819019)
Subslab/Indoor Air Sampling Results

Dear Mr. Wu:

Turnkey Environmental Restoration, LLC (TurnKey) has prepared this letter to summarize the results of the subslab/indoor air sampling conducted on March 18-19, 2015 at the Batavia Former MGP Site located at 11 Evans Street, Batavia, New York (Site; see Figure 1).

SOIL VAPOR INTRUSION TESTING

In accordance with NY State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) sampling protocols, two (2) subslab air samples and two (2) interior air samples were collected from the interior of the office building, and one outdoor ambient air sample was collected to assess potential volatile organic compound (VOC) vapor intrusion within the building in the locations shown on Figure 2. Subslab and indoor air samples were collected from the interior office lobby and the office utility room in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Interim Remedial Measures Work Plan.

Prior to collection of the air samples, an inventory of the building was completed. Several types of common household cleaners (e.g., bleach, ammonia based glass cleaner and sanitizer soap) were noted in the lobby closet, and latex paint was present in the utility room. Both opened and unopened containers were present, with all containers being in good condition. The building inventory is provided in Attachment 1.

At each subslab sampling location, TurnKey personnel drilled a hole through the competent concrete slab using a hand-held hammer drill to allow for installation of sample collection tubing. Subslab air samples were collected in the following manner:

- After installation of the tubing, the sample probes were sealed at the surface with non-VOC containing clay, and one to three volumes (i.e., the volume of the sample probe and tube) were purged prior to collecting the samples to ensure they were representative of subsurface conditions;
- Helium tracer gas was used to verify surface seal of the subslab sampling locations;
- Initial vacuum readings were recorded for each regulator;

- The air samples were collected using laboratory provided Summa® air collection canisters equipped with pre-set timed regulators to draw vapors into the canisters over an approximate 24-hour period; and,
- Following the sample collection period, regulators were closed, final vacuum readings recorded, and the canisters were delivered under chain of custody command to TestAmerica, Inc. for analysis of VOCs per USEPA TO-15 methodology.

A copy of the air sampling field forms are provided as Attachment 2.

SAMPLE RESULTS

The vast majority of detected VOCs were reported by the laboratory as non-detect or estimated values below the laboratory method detection limit. Low level detections of several VOCs were detected in the subslab, indoor, and outdoor air samples. A comparison of the data sets does not demonstrate a sub-slab source of VOCs impacting indoor air quality (typically identified by concentrations significantly higher within the sub-slab when compared to indoor air). A summary of the analytical results is provided in Table 1 with comparison to several relevant air guidelines.

Those chlorinated VOCs subject to the NYSDOH SVI Guidance (carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, 1,1,1-trichloroethane, trichloroethene, tetrachloroethene, and vinyl chloride) were tabulated in Table 2 and compared to the respective decision matrices provided in the Guidance. Based on the concentrations of these compounds detected in sub-slab and indoor air, results for the Matrix 1 compounds trichloroethene and vinyl chloride, and all Matrix 2 compounds indicated "No Further Action (NFA)". Only Matrix 1 compound carbon tetrachloride results for the lobby and utility room indicated "take reasonable and practical actions to identify source(s) and reduce exposures (I,R)". It should be noted that in both sample locations, the indoor air concentration was greater than the subslab concentration for carbon tetrachloride, indicating the source is not from the subsurface. Table 2 provides a comparison of the analytical results to the NYSDOH Matrix 1 and Matrix 2 thresholds.

The remaining VOCs detected in indoor air samples were also tabulated and assessed against several criteria. The first criteria were established in a paper titled *Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes* published by the NYSDOH and revised November 14, 2005. The study summarized the occurrence of VOCs detected in the indoor environment of fuel oil heated homes as a means of evaluating post cleanup conditions in residences affected by petroleum spills. The dataset includes lognormal distribution of both indoor and outdoor data. Table 1 compares the air quality data collected at the Site to the 90th percentile concentrations presented in the paper. The indoor VOC concentrations were all below the 90th percentile values for all compounds with the exception of 1,1-dichoroethene, 1,2-dichlorobenzene, 1,2-dichoroethene, chloroethane and cis-1,2-dichloroethene, which were detected at concentrations of 0.52 (J) µg/m^3, 1.2 (J,B) µg/m^3, 1.6 µg/m^3, 2.6 µg/m^3 and 1.6 µg/m^3, respectively; however, all these compounds were detected at higher concentrations in the indoor air samples than in the sub-slab samples, indicating the source is not from the subsurface.

To further evaluate the potential risk posed by the concentrations of 1,1-dichoroethene, 1,2-dichlorobenzene, 1,2-dichoroethene, chloroethane and cis-1,2-dichloroethene, the indoor air

concentrations were compared to criteria established in the NYSDEC DAR-1, Guidelines for the Control of Toxic Ambient Air Contaminants. Specifically, the DAR-1 Guidelines establishes an Annual Guideline Concentration (AGC) to quantitatively assess a contaminant's potential to impact public health and the environment. The AGCs for 1,2-dichlorobenzene, 1,2-dichoroethene, chloroethane and cis-1,2-dichloroethene are 200 µg/m^3, 63 µg/m^3, 10,000 µg/m^3,and 63 µg/m^3 respectively, substantially higher than their respective concentrations detected in the indoor air samples. Please note 1,1-dichoroethene is not regulated by this policy.

As a final assessment, the detected indoor air concentrations were compared to the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) criteria for air contaminants. The PELs for 1,2-dichlorobenzene, 1,2-dichoroethene, chloroethane and cis-1,2-dichloroethene are 300,000 µg/m^3, 790,000 µg/m^3, 2,600,000 µg/m^3, and 790,000 µg/m^3, respectively, several orders of magnitude higher than the concentrations detected in the indoor air samples. Please note 1,1-dichoroethene is also not regulated by this policy.

A copy of laboratory analytical report is attached to this report as Attachment 3.

Based on this assessment, no air quality concerns were identified at the Site, soil vapor intrusion into the building is not evident, and no further action is recommended.

Please contact us if you have any questions or require additional information.

Sincerely,
TurnKey Environmental Restoration, LLC

Michael Lesakowski
Sr. Project Manager

Nathan Munley
Project Manager

ec: C. LaCivita (R&J Enterprises of Batavia)
J. Stravino (Hodgson and Russ)
M. Hecker (Hodgson and Russ)

File: 0333-015-001

TABLES

TurnKey Environmental Restoration, LLC

TABLE 1

SUMMARY OF AIR SAMPLING ANALYTICAL RESULTS

11 Evans Street

Batavia, New York

Parameter [1]	NYSDOH Indoor 90th Percentile Comparison (µg/m3) [2]	DAR-1 AGCs (µg/m3) [3]	OSHA PELs (µg/m3) [4]	Sample Location and Analytical Result (µg/m^3)				
				Lobby		Utility Room		Outdoor
				Subslab	Indoor	Subslab	Indoor	
1,1,2,2-Tetrachloroethane	<0.25	NA	NA	1.3	ND	ND	ND	ND
1,1,1- Trichloroethane	3.1	NA	NA	ND	0.27 J	2.2	ND	ND
1,1-Dichloroethene	<0.25	NA	NA	ND	0.52 J	ND	ND	ND
1,2,4-Trichlorolbenzene	3.4	NA	NA	ND	ND	ND	ND	0.43 J
1,2,4-Trimethylbenzene	9.5	NA	NA	0.93 J	1.2 B	4.1	ND	0.078 J B
1,2-Dichlorobenzene	0.7	200	300,000	ND	1.2 J B	ND	ND	ND
1,2-Dichloroethene, Total	<0.25	63	790,000	ND	1.6	ND	ND	ND
1,3,5-Trimethylbenzene	3.6	NA	NA	ND	0.89 J	1.4	ND	ND
1,4-Dichlorobenzene	1.3	NA	NA	ND	0.21 J B	ND	ND	ND
4-Ethyltoluene	--	NA	NA	0.21 J	0.66 J	1.1	ND	ND
4-Isopropyltoluene	--	NA	NA	ND	ND	1.1	ND	ND
Acetone	110	NA	NA	23	17	25	12	4.1 J
Benzene	15	NA	NA	2.3	0.9	2.6	0.64	0.52 J
Carbon disulfide	--	NA	NA	2.1	ND	2.9	ND	ND
Carbon tetrachloride	0.81	NA	NA	0.37	0.78	0.24 J	0.59	0.52
Chloroethane	<0.25	10,000	2,600,000	0.77 J	2.6	ND	1.9	ND
Chloroform	1.4	NA	NA	0.5 J	ND	ND	0.19 J	ND
Cyclohexane	8.1	NA	NA	12 J	ND	25	ND	ND
Chloromethane	3.3	NA	NA	ND	1.5	0.16 J	1.2	1.2
cis-1,2-Dichloroethene	<0.25	63	790,000	ND	1.6	ND	ND	ND
Cumene	--	NA	NA	0.4 J	0.2 J	0.91 J	ND	ND
Dichlorodifluoromethane	15.0	NA	NA	2.3 J	3.6	2.3 J	3.1	2.9
Ethylbenzene	7.4	NA	NA	1.4	2.3	2.9	0.13 J	0.12 J
Freon 22	--	NA	NA	0.75 J	ND	4.9	ND	1.2 J
Freon TF	--	NA	NA	0.52 J	0.86 J	0.54 J	0.73 J	0.7 J
Hexachlorobutadiene	4.6	NA	NA	ND	ND	ND	ND	0.77 J
Isopropyl alcohol	--	NA	NA	110 E	730 E	11 J	350 E	2.7 J
Methyl Ethyl Ketone	16.0	NA	NA	2.1	1.3 J	5	0.91 J	ND
Methylene Chloride	22.0	NA	NA	1.1 J	0.74 J	1.1 J	ND	0.78 J
Naphthalene	--	NA	NA	ND	1.1 J	ND	ND	ND
n-Butane	--	NA	NA	24	2.8	28.0	2.3	1.3
n-Heptane	19.0	NA	NA	27	0.26 J	55	ND	ND
n-Hexane	18.0	NA	NA	22	0.39 J	49	ND	0.27 J
Styrene	1.3	NA	NA	1	ND	4.2	ND	ND
n-Propylbenzene	1.7	NA	NA	ND	0.49 J	0.99	ND	ND
tert-Butyl alcohol	--	NA	NA	ND	2.4 J	4.3 J	ND	ND
Tetrachloroethene	2.9	NA	NA	9.7	1.4	12	ND	ND
Toluene	58.0	NA	NA	12	39	26	1	0.89
Trichloroethene	0.5	NA	NA	23	ND	ND	ND	ND
Trichlorofluoromethane	17.0	NA	NA	1.2	2	1.2	1.6	1.5
Xylene (total)	--	NA	NA	7.6	11	17	0.24 J	0.51 J
m,p-Xylene	12.0	NA	NA	5.7	8.9 B	13	0.24 J B	0.37 J B
o-Xylene	7.6	NA	NA	1.9	2.8	4.4	ND	0.15 J

Notes:

1. Only those parameters detected above the method detection limit, at a minimum of one location, are presented in this table.
2. Indoor Air sampling results compared to the NYSDOH Summary of Indoor and Outdoor Levels of Volatile Organic Compounds for Fuel Oil Heated Homes in NYS (Novemeber 2005)
3. NYSDEC Policy DAR-1, Guidelines for the Control of Toxic Ambient Air Contaminants, Annual Guideline Concentration (AGC).
4. Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL).
5. Sampling completed on March 18-19, 2015.

J = Estimated value.
B = Compound was detected in the associated method blank at a concentration that may have contributed to sample result.
E= Result exceeds calibration range.
ND = Compound analyzed but not detected at a concentration above the reporting limit.
'-- = No value set for this
NA= Not applicable

= NYSDOH Matrix 1 compound - carbon tetrachloride, trichloroethene, vinyl chloride (see Table 2)
= NYSDOH Matrix 2 compound - Tetrachloroethene, 1,1,1-trichloroethane, cis-1,2-dichloroethene, and 1,1-dichlrooethene (see Table 2)
= Value exceeds NYSDOH Indoor Air Guidance - 90th percentile (see Note 2).

TABLE 2

COMPARISON AIR SAMPLING ANALYTICAL RESULTS VS. NYSDOH MATRICES

11 Evans Street

Batavia, New York

March 18-19, 2015

Sample Location	Carbon Tetrachloride		Trichloroethene (TCE)		Vinyl Chloride		Tetrachloroethene (PCE)		1,1,1 -Trichloroethane		cis-1,2-Dichloroethene		1,1-Dichloroethene	
	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 1	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 1	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 1	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2
Lobby														
Subslab	0.37		23		ND		9.7		ND		ND		ND	
Indoor	0.78	I,R	ND	NFA	ND	NFA	1.4	NFA	0.27	NFA	1.6	NFA	0.52	NFA

Sample Location	Carbon Tetrachloride		Trichloroethene (TCE)		Vinyl Chloride		Tetrachloroethene (PCE)		1,1,1 -Trichloroethane		cis-1,2-Dichloroethene		1,1-Dichloroethene	
	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 1	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 1	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 1	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2
Utility Room														
Subslab	0.24		ND		ND		ND		2.2		ND		ND	
Indoor	0.59	I,R	ND	NFA	ND	NFA	ND	NFA	ND	NFA	ND	NFA	ND	NFA

Notes:

ND = Not Detected

NFA = No further action.

I, R = Take reasonable and practical actions to identify source(s) and reduce exposures.

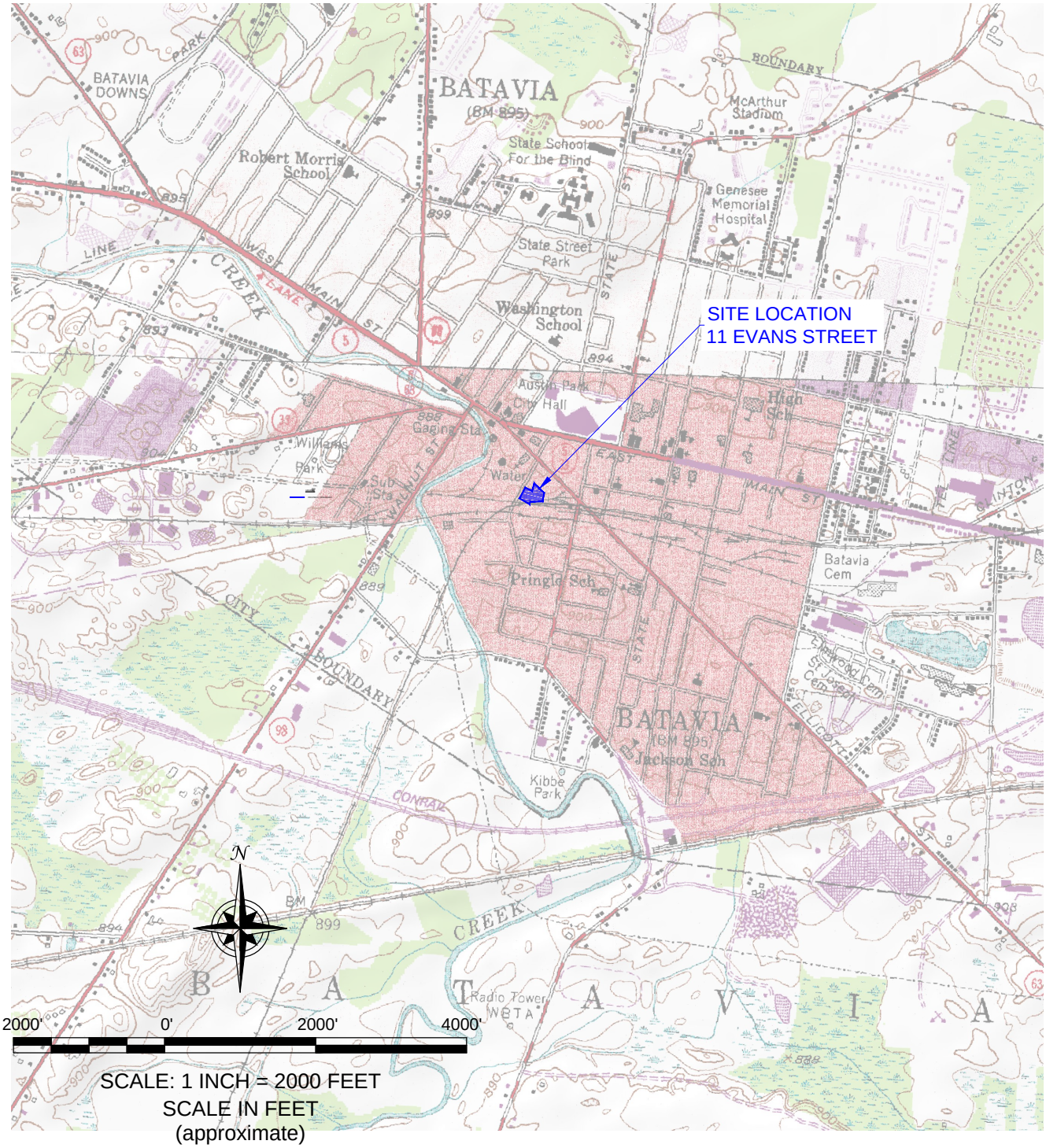
= NYSDOH Matrix 1 Compounds

= NYSDOH Matrix 2 Compounds

FIGURES

TurnKey Environmental Restoration, LLC

FIGURE 1



TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0333-015-001

DATE: MAY 2015

DRAFTED BY: BCH

SITE LOCATION & VICINITY MAP

SOIL VAPOR INVESTIGATION REPORT

11 EVANS STREET SITE
BATAVIA, NEW YORK

PREPARED FOR

R&J ENTERPRISES OF BATAVIA, LLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0333-015-001

DATE: MAY 2015

DRAFTED BY: BCH

SAMPLE LOCATION MAP

SOIL VAPOR INVESTIGATION REPORT

11 EVANS STREET SITE
BATAVIA, NEW YORK

PREPARED FOR

R&J ENTERPRISES OF BATAVIA, LLC

FIGURE 2

ATTACHMENT 1

BUILDING INVENTORY

TurnKey Environmental Restoration, LLC

TurnKey Environmental Restoration LLC

BUILDING INVENTORY

Project Name:	Former Batavia MGP	Project No.	0333-015-001
Project Location:	11 Evans , Batavia NY	Client:	R&J Enterprises
Preparer's Name:	Rick Dubois	Date/Time:	3/18/2015

List specific products found in the structure that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition 1	Chemical Ingredients	Photo (Y/N)
Hallway	Soap-Sanitizer	(3) 16oz	UO/U	Soap - Surfactant	N
Hallway	Chlorox-Bleach	(2) 16oz	UO/U	bleach	N
Hallway	Windex-cleaner	20oz	U	Ammonia	N
Util Rm	Latex Paint	(1) 1-Gal	UO/U	VOCs	N

Notes:

1. Describe the condition of the product containers as **Unopened (UO), Used (U), or Deteriorated (D).**
2. Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT 2

AIR SAMPLING FIELD LOGS

TurnKey Environmental Restoration LLC

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 11 Evans Street
Job No:
Location: Batavia, NY
Field Staff: RLD
Client: R&S Enterprises

SAMPLE I.D.: Subslab (Lobby)

Size of Canister: 6L
Canister Serial No.: 05544
Flow Controller No.: 2930
Sample Date(s):
Shipping Date:
Sample Type: ☐ Indoor Air ☐ Outdoor Air
☑ Subslab, complete section below ☐ Soil Gas
Soil Gas Probe Depth: 16 inches

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 28°F
Ambient Air Temp. - P.M.: 20°F
Wind Direction: SW - 3/14 Calm/Variable - 3/19
Wind Speed: 10-20 - 3/14 Calm - 3/19
Precipitation: None

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)				
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1423	-30	3/18	RLD
Final Field Vacuum [3]	1319	-3	3/19	RLD
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 18% or 180,000
Calculated tubing volume: 38 x 3 = 114
Purged Tubing Volume Concentration: 0 ppm
Is the purged volume concentration less than or equal to 10% in shroud?
☑ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed: RLD

TurnKey Environmental Restoration LLC

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 11 Evans Street
Job No:
Location: Batavia, NY
Field Staff: RLD
Client: R & J Enterprises

SAMPLE I.D.: Indoor (Lobby)

Size of Canister: 6L
Canister Serial No.: 2549
Flow Controller No.: 3443
Sample Date(s):
Shipping Date:
Sample Type: ☒ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☐ Soil Gas
Soil Gas Probe Depth:

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 28 °F
Ambient Air Temp. - P.M.: 20 °F
Wind Direction: SW/-3/18 Calm variable 3/19
Wind Speed: 10-20mph - 3/18 Calm 3/19
Precipitation: none

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)				
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1424	-30	3/18	RLD
Final Field Vacuum [3]	1318	-5	3/19	RLD
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD: N/A

Shroud Helium Concentration:
Calculated tubing volume: x 3 =
Purged Tubing Volume Concentration:
Is the purged volume concentration less than or equal to 10% in shroud?
☐ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed: RLD

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 11 Evans Street
Job No:
Location: Batavia, NY
Field Staff: RLD
Client: R & J Enterprise

SAMPLE I.D.: Subslab (UTIL RM)

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 28°F
Ambient Air Temp. - P.M.: 20°F
Wind Direction: SW - 3/18 Variable -3/19
Wind Speed: 10-20 mph -3/18 Calm 3/19
Precipitation: NO

Size of Canister: 6L
Canister Serial No.: 5154
Flow Controller No.: 4052
Sample Date(s):
Shipping Date:
Sample Type: ☐ Indoor Air ☐ Outdoor Air ☑ Subslab, complete section below ☐ Soil Gas
Soil Gas Probe Depth: 16"

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)				
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1421	-30	3/17	RLO
Final Field Vacuum [3]	1320	-3	3/17	RLO
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 21% OR 210,000 ppm
Calculated tubing volume: 37.6 x 3 = 115.8
Purged Tubing Volume Concentration: 0 ppm
Is the purged volume concentration less than or equal to 10% in shroud?
☑ YES, continue sampling
☐ NO, Improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed: BLW AP collected - CAN 5093
-30 1421 / 1321 -4 Flow controller - 3385

TurnKey Environmental Restoration LLC

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 11 Evans Street
Job No:
Location: Batavia, NY
Field Staff: RLD
Client: R&J Enterprises

SAMPLE I.D.: Indoor (UTIL RM)

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 28°F
Ambient Air Temp. - P.M.: 20°F
Wind Direction: SW - 3/18 variable - 3/19
Wind Speed: 10-20 mph 3/18 calm 3/19
Precipitation: no

Size of Canister: 6L
Canister Serial No.: 3474
Flow Controller No.: 5218
Sample Date(s):
Shipping Date:
Sample Type: ☑ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☐ Soil Gas
Soil Gas Probe Depth:

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)				
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1420	-30	3/19	RLD
Final Field Vacuum [3]	1218	-5	3/19	RLD
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD: N/A

Shroud Helium Concentration:
Calculated tubing volume: x 3 =
Purged Tubing Volume Concentration:
Is the purged volume concentration less than or equal to 10% in shroud?
☐ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed:

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 11 Evans Street
Job No:
Location: Batavia, NY
Field Staff: RLD
Client: RQ J Enterprise

SAMPLE I.D.: Outdoor

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 28°F
Ambient Air Temp. - P.M.: 20°F
Wind Direction: SW - 3/18 Variable 3/19
Wind Speed: 10-20 mph 3/18 Calm 3/19
Precipitation: None

Size of Canister:
Canister Serial No.: 2346 2043
Flow Controller No.:
Sample Date(s):
Shipping Date:
Sample Type: ☐ Indoor Air ☑ Outdoor Air
☐ Subslab, complete section below ☐ Soil Gas
Soil Gas Probe Depth:

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)				
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1442	-30	3/18	RLD
Final Field Vacuum [3]	1346	-5	3/19	RLD
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: N/A
Calculated tubing volume: x 3 =
Purged Tubing Volume Concentration:
Is the purged volume concentration less than or equal to 10% in shroud?
☐ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed: RLD

ATTACHMENT 3

ANALYTICAL DATA PACKAGE

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

TestAmerica Job ID: 200-27205-1
Client Project/Site: Turnkey - 11 Evans St. site

For:
Benchmark Env. Eng. & Science, PLLC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

Attn: Mr. Nate Munley

Joseph V. Giacomazza

Authorized for release by:
3/30/2015 2:45:07 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

Table of Contents

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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)

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Job ID: 200-27205-1

Laboratory: TestAmerica Burlington

Narrative

Job Narrative
200-27205-1

Receipt
The samples were received on 3/23/2015 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 21.0º C and 21.0º C.

Except:

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): 200-27205,
Sample 1. The FC and Canister numbers on the COC are wrong, the hardware and the clients labels agree. I used the client labels and actual hardware for the serial numbers on the log-in.
Sample 3. The sample collection time on the client label is not the same as the COC, used the COC sample collection times for the log-in.
Sample 4. The sample collection time on the client label is not the same as the COC, used the COC sample collection times for the log-in.

Air Toxics
Method(s) TO-15: Samples are being reported with IPA over calibrated range per client request.

(200-27205-1), (200-27205-3), INDOOR-LOBBY (200-27205-1), INDOOR-UTIL RM (200-27205-3), SUB-SLAB-LOBBY (200-27205-2)

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

Detection Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: INDOOR-LOBBY

Lab Sample ID: 200-27205-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.049	J	0.20	0.030	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethene	0.13	J	0.20	0.010	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.25	B	0.20	0.016	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorobenzene	0.19	J B	0.20	0.018	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.41		0.20	0.053	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.18	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.036	J B	0.20	0.019	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.13	J	0.20	0.020	ppb v/v	1		TO-15	Total/NA
Acetone	7.4		5.0	0.69	ppb v/v	1		TO-15	Total/NA
Benzene	0.28		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.12		0.040	0.011	ppb v/v	1		TO-15	Total/NA
Chloroethane	0.97		0.50	0.061	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.74		0.50	0.060	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.41		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Cumene	0.041	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.74		0.50	0.056	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.54		0.20	0.020	ppb v/v	1		TO-15	Total/NA
Freon TF	0.11	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	300	E	5.0	0.15	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	2.0	B	0.50	0.025	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.44	J	0.50	0.092	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.21	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.20	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
n-Butane	1.2		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.064	J	0.20	0.037	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.11	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.099	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	0.80	J	5.0	0.12	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.21		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Toluene	10		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.35		0.20	0.045	ppb v/v	1		TO-15	Total/NA
Xylene (total)	2.6		0.20	0.041	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.64		0.20	0.018	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.27	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethene	0.52	J	0.79	0.040	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.2	B	0.98	0.079	ug/m3	1		TO-15	Total/NA
1,2-Dichlorobenzene	1.2	J B	1.2	0.11	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	1.6		0.79	0.21	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.89	J	0.98	0.093	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.21	J B	1.2	0.11	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.66	J	0.98	0.098	ug/m3	1		TO-15	Total/NA
Acetone	17		12	1.6	ug/m3	1		TO-15	Total/NA
Benzene	0.90		0.64	0.093	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.78		0.25	0.069	ug/m3	1		TO-15	Total/NA
Chloroethane	2.6		1.3	0.16	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.12	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.6		0.79	0.12	ug/m3	1		TO-15	Total/NA
Cumene	0.20	J	0.98	0.093	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	3.6		2.5	0.28	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: INDOOR-LOBBY (Continued)

Lab Sample ID: 200-27205-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	2.3		0.87	0.087	ug/m3	1		TO-15	Total/NA
Freon TF	0.86	J	1.5	0.31	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	730	E	12	0.37	ug/m3	1		TO-15	Total/NA
m,p-Xylene	8.9	B	2.2	0.11	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.3	J	1.5	0.27	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.74	J	1.7	0.42	ug/m3	1		TO-15	Total/NA
Naphthalene	1.1	J	2.6	0.16	ug/m3	1		TO-15	Total/NA
n-Butane	2.8		1.2	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	0.26	J	0.82	0.15	ug/m3	1		TO-15	Total/NA
n-Hexane	0.39	J	0.70	0.099	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.49	J	0.98	0.13	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	2.4	J	15	0.36	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.4		1.4	0.20	ug/m3	1		TO-15	Total/NA
Toluene	39		0.75	0.094	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.0		1.1	0.25	ug/m3	1		TO-15	Total/NA
Xylene (total)	11		0.87	0.18	ug/m3	1		TO-15	Total/NA
Xylene, o-	2.8		0.87	0.078	ug/m3	1		TO-15	Total/NA

Client Sample ID: SUB-SLAB-LOBBY

Lab Sample ID: 200-27205-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.20		0.20	0.034	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.19	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.044	J	0.20	0.020	ppb v/v	1		TO-15	Total/NA
Acetone	9.7		5.0	0.69	ppb v/v	1		TO-15	Total/NA
Benzene	0.73		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.68		0.50	0.030	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.059		0.040	0.011	ppb v/v	1		TO-15	Total/NA
Chloroethane	0.29	J	0.50	0.061	ppb v/v	1		TO-15	Total/NA
Chloroform	0.10	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Cumene	0.081	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Cyclohexane	3.4		0.20	0.010	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.46	J	0.50	0.056	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.33		0.20	0.020	ppb v/v	1		TO-15	Total/NA
Freon 22	0.21	J	0.50	0.080	ppb v/v	1		TO-15	Total/NA
Freon TF	0.068	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	43	E	5.0	0.15	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.3		0.50	0.025	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.72		0.50	0.092	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.32	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	10		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Heptane	6.6		0.20	0.037	ppb v/v	1		TO-15	Total/NA
n-Hexane	6.1		0.20	0.028	ppb v/v	1		TO-15	Total/NA
Styrene	0.24		0.20	0.016	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.4		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Toluene	3.1		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Trichloroethene	4.2		0.040	0.030	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20	0.045	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.7		0.20	0.041	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.44		0.20	0.018	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SUB-SLAB-LOBBY (Continued)

Lab Sample ID: 200-27205-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	1.3		1.4	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.93	J	0.98	0.079	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.21	J	0.98	0.098	ug/m3	1		TO-15	Total/NA
Acetone	23		12	1.6	ug/m3	1		TO-15	Total/NA
Benzene	2.3		0.64	0.093	ug/m3	1		TO-15	Total/NA
Carbon disulfide	2.1		1.6	0.093	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.37		0.25	0.069	ug/m3	1		TO-15	Total/NA
Chloroethane	0.77	J	1.3	0.16	ug/m3	1		TO-15	Total/NA
Chloroform	0.50	J	0.98	0.19	ug/m3	1		TO-15	Total/NA
Cumene	0.40	J	0.98	0.093	ug/m3	1		TO-15	Total/NA
Cyclohexane	12		0.69	0.034	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	0.28	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.4		0.87	0.087	ug/m3	1		TO-15	Total/NA
Freon 22	0.75	J	1.8	0.28	ug/m3	1		TO-15	Total/NA
Freon TF	0.52	J	1.5	0.31	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	110	E	12	0.37	ug/m3	1		TO-15	Total/NA
m,p-Xylene	5.7		2.2	0.11	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	2.1		1.5	0.27	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.1	J	1.7	0.42	ug/m3	1		TO-15	Total/NA
n-Butane	24		1.2	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	27		0.82	0.15	ug/m3	1		TO-15	Total/NA
n-Hexane	22		0.70	0.099	ug/m3	1		TO-15	Total/NA
Styrene	1.0		0.85	0.068	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	9.7		1.4	0.20	ug/m3	1		TO-15	Total/NA
Toluene	12		0.75	0.094	ug/m3	1		TO-15	Total/NA
Trichloroethene	23		0.21	0.16	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.25	ug/m3	1		TO-15	Total/NA
Xylene (total)	7.6		0.87	0.18	ug/m3	1		TO-15	Total/NA
Xylene, o-	1.9		0.87	0.078	ug/m3	1		TO-15	Total/NA

Client Sample ID: INDOOR-UTIL RM

Lab Sample ID: 200-27205-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.2		5.0	0.69	ppb v/v	1		TO-15	Total/NA
Benzene	0.20		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.094		0.040	0.011	ppb v/v	1		TO-15	Total/NA
Chloroethane	0.72		0.50	0.061	ppb v/v	1		TO-15	Total/NA
Chloroform	0.040	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.59		0.50	0.060	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.62		0.50	0.056	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.030	J	0.20	0.020	ppb v/v	1		TO-15	Total/NA
Freon TF	0.095	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	140	E	5.0	0.15	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.055	J B	0.50	0.025	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.31	J	0.50	0.092	ppb v/v	1		TO-15	Total/NA
n-Butane	0.98		0.50	0.18	ppb v/v	1		TO-15	Total/NA
Toluene	0.27		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.045	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.055	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: INDOOR-UTIL RM (Continued)

Lab Sample ID: 200-27205-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12		12	1.6	ug/m3	1		TO-15	Total/NA
Benzene	0.64		0.64	0.093	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.59		0.25	0.069	ug/m3	1		TO-15	Total/NA
Chloroethane	1.9		1.3	0.16	ug/m3	1		TO-15	Total/NA
Chloroform	0.19	J	0.98	0.19	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.12	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	3.1		2.5	0.28	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.13	J	0.87	0.087	ug/m3	1		TO-15	Total/NA
Freon TF	0.73	J	1.5	0.31	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	350	E	12	0.37	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.24	J B	2.2	0.11	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.91	J	1.5	0.27	ug/m3	1		TO-15	Total/NA
n-Butane	2.3		1.2	0.43	ug/m3	1		TO-15	Total/NA
Toluene	1.0		0.75	0.094	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.25	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.24	J	0.87	0.18	ug/m3	1		TO-15	Total/NA

Client Sample ID: SUB-SLAB-UTIL RM

Lab Sample ID: 200-27205-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.41		0.20	0.030	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.84		0.20	0.016	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.29		0.20	0.019	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.23		0.20	0.020	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.20		0.20	0.020	ppb v/v	1		TO-15	Total/NA
Acetone	10		5.0	0.69	ppb v/v	1		TO-15	Total/NA
Benzene	0.81		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.94		0.50	0.030	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.038	J	0.040	0.011	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.077	J	0.50	0.060	ppb v/v	1		TO-15	Total/NA
Cumene	0.19	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Cyclohexane	7.1		0.20	0.010	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.47	J	0.50	0.056	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.66		0.20	0.020	ppb v/v	1		TO-15	Total/NA
Freon 22	1.4		0.50	0.080	ppb v/v	1		TO-15	Total/NA
Freon TF	0.070	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	4.5	J	5.0	0.15	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	2.9		0.50	0.025	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.7		0.50	0.092	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.33	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	12		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Heptane	13		0.20	0.037	ppb v/v	1		TO-15	Total/NA
n-Hexane	14		0.20	0.028	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.20		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Styrene	0.98		0.20	0.016	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	1.4	J	5.0	0.12	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.8		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Toluene	6.8		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20	0.045	ppb v/v	1		TO-15	Total/NA
Xylene (total)	3.9		0.20	0.041	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SUB-SLAB-UTIL RM (Continued)

Lab Sample ID: 200-27205-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylene, o-	1.0		0.20	0.018	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.2		1.1	0.16	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.1		0.98	0.079	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.4		0.98	0.093	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.1		0.98	0.098	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.1		1.1	0.11	ug/m3	1		TO-15	Total/NA
Acetone	25		12	1.6	ug/m3	1		TO-15	Total/NA
Benzene	2.6		0.64	0.093	ug/m3	1		TO-15	Total/NA
Carbon disulfide	2.9		1.6	0.093	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.24	J	0.25	0.069	ug/m3	1		TO-15	Total/NA
Chloromethane	0.16	J	1.0	0.12	ug/m3	1		TO-15	Total/NA
Cumene	0.91	J	0.98	0.093	ug/m3	1		TO-15	Total/NA
Cyclohexane	25		0.69	0.034	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	0.28	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.9		0.87	0.087	ug/m3	1		TO-15	Total/NA
Freon 22	4.9		1.8	0.28	ug/m3	1		TO-15	Total/NA
Freon TF	0.54	J	1.5	0.31	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	11	J	12	0.37	ug/m3	1		TO-15	Total/NA
m,p-Xylene	13		2.2	0.11	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	5.0		1.5	0.27	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.1	J	1.7	0.42	ug/m3	1		TO-15	Total/NA
n-Butane	28		1.2	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	55		0.82	0.15	ug/m3	1		TO-15	Total/NA
n-Hexane	49		0.70	0.099	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.99		0.98	0.13	ug/m3	1		TO-15	Total/NA
Styrene	4.2		0.85	0.068	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	4.3	J	15	0.36	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	12		1.4	0.20	ug/m3	1		TO-15	Total/NA
Toluene	26		0.75	0.094	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.25	ug/m3	1		TO-15	Total/NA
Xylene (total)	17		0.87	0.18	ug/m3	1		TO-15	Total/NA
Xylene, o-	4.4		0.87	0.078	ug/m3	1		TO-15	Total/NA

Client Sample ID: OUTDOOR

Lab Sample ID: 200-27205-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	0.058	J	0.50	0.034	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.016	J B	0.20	0.016	ppb v/v	1		TO-15	Total/NA
Acetone	1.7	J	5.0	0.69	ppb v/v	1		TO-15	Total/NA
Benzene	0.16	J	0.20	0.029	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.082		0.040	0.011	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.59		0.50	0.060	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.59		0.50	0.056	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.029	J	0.20	0.020	ppb v/v	1		TO-15	Total/NA
Freon 22	0.33	J	0.50	0.080	ppb v/v	1		TO-15	Total/NA
Freon TF	0.091	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Hexachlorobutadiene	0.072	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.1	J	5.0	0.15	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.084	J B	0.50	0.025	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: OUTDOOR (Continued)

Lab Sample ID: 200-27205-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.22	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	0.54		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.076	J	0.20	0.028	ppb v/v	1		TO-15	Total/NA
Toluene	0.24		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.045	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.12	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.034	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	0.43	J	3.7	0.25	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.078	J B	0.98	0.079	ug/m3	1		TO-15	Total/NA
Acetone	4.1	J	12	1.6	ug/m3	1		TO-15	Total/NA
Benzene	0.52	J	0.64	0.093	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.52		0.25	0.069	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.12	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.9		2.5	0.28	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.12	J	0.87	0.087	ug/m3	1		TO-15	Total/NA
Freon 22	1.2	J	1.8	0.28	ug/m3	1		TO-15	Total/NA
Freon TF	0.70	J	1.5	0.31	ug/m3	1		TO-15	Total/NA
Hexachlorobutadiene	0.77	J	2.1	0.38	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	2.7	J	12	0.37	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.37	J B	2.2	0.11	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.78	J	1.7	0.42	ug/m3	1		TO-15	Total/NA
n-Butane	1.3		1.2	0.43	ug/m3	1		TO-15	Total/NA
n-Hexane	0.27	J	0.70	0.099	ug/m3	1		TO-15	Total/NA
Toluene	0.89		0.75	0.094	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5		1.1	0.25	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.51	J	0.87	0.18	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.15	J	0.87	0.078	ug/m3	1		TO-15	Total/NA

Client Sample ID: BLIND DUPLICATE

Lab Sample ID: 200-27205-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.42		0.20	0.030	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.86		0.20	0.016	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.31		0.20	0.019	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.24		0.20	0.020	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.18	J	0.20	0.020	ppb v/v	1		TO-15	Total/NA
Acetone	8.9		5.0	0.69	ppb v/v	1		TO-15	Total/NA
Benzene	0.77		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.36	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.037	J	0.040	0.011	ppb v/v	1		TO-15	Total/NA
Cumene	0.20		0.20	0.019	ppb v/v	1		TO-15	Total/NA
Cyclohexane	6.9		0.20	0.010	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.43	J	0.50	0.056	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.65		0.20	0.020	ppb v/v	1		TO-15	Total/NA
Freon 22	1.3		0.50	0.080	ppb v/v	1		TO-15	Total/NA
Freon TF	0.070	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.9	J	5.0	0.15	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	2.9		0.50	0.025	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.6		0.50	0.092	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BLIND DUPLICATE (Continued)

Lab Sample ID: 200-27205-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.30	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.23	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
n-Butane	11		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Heptane	13		0.20	0.037	ppb v/v	1		TO-15	Total/NA
n-Hexane	14		0.20	0.028	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.21		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Styrene	1.0		0.20	0.016	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	3.2	J	5.0	0.12	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.9		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Toluene	3.9		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20	0.045	ppb v/v	1		TO-15	Total/NA
Xylene (total)	4.0		0.20	0.041	ppb v/v	1		TO-15	Total/NA
Xylene, o-	1.1		0.20	0.018	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.3		1.1	0.16	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.2		0.98	0.079	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.5		0.98	0.093	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.2		0.98	0.098	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.0	J	1.1	0.11	ug/m3	1		TO-15	Total/NA
Acetone	21		12	1.6	ug/m3	1		TO-15	Total/NA
Benzene	2.4		0.64	0.093	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.1	J	1.6	0.093	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.24	J	0.25	0.069	ug/m3	1		TO-15	Total/NA
Cumene	0.99		0.98	0.093	ug/m3	1		TO-15	Total/NA
Cyclohexane	24		0.69	0.034	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.1	J	2.5	0.28	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.8		0.87	0.087	ug/m3	1		TO-15	Total/NA
Freon 22	4.6		1.8	0.28	ug/m3	1		TO-15	Total/NA
Freon TF	0.54	J	1.5	0.31	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	9.7	J	12	0.37	ug/m3	1		TO-15	Total/NA
m,p-Xylene	13		2.2	0.11	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	4.8		1.5	0.27	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.0	J	1.7	0.42	ug/m3	1		TO-15	Total/NA
Naphthalene	1.2	J	2.6	0.16	ug/m3	1		TO-15	Total/NA
n-Butane	26		1.2	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	52		0.82	0.15	ug/m3	1		TO-15	Total/NA
n-Hexane	48		0.70	0.099	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	1.0		0.98	0.13	ug/m3	1		TO-15	Total/NA
Styrene	4.4		0.85	0.068	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	9.8	J	15	0.36	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	13		1.4	0.20	ug/m3	1		TO-15	Total/NA
Toluene	15		0.75	0.094	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.25	ug/m3	1		TO-15	Total/NA
Xylene (total)	17		0.87	0.18	ug/m3	1		TO-15	Total/NA
Xylene, o-	4.7		0.87	0.078	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: INDOOR-LOBBY
Date Collected: 03/19/15 13:18
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.049**	**J**	0.20	0.030	ppb v/v			03/24/15 00:23	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.034	ppb v/v			03/24/15 00:23	1
1,1,2-Trichloroethane	0.20	U	0.20	0.037	ppb v/v			03/24/15 00:23	1
1,1-Dichloroethane	0.20	U	0.20	0.028	ppb v/v			03/24/15 00:23	1
1,1-Dichloroethene	**0.13**	**J**	0.20	0.010	ppb v/v			03/24/15 00:23	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.034	ppb v/v			03/24/15 00:23	1
1,2,4-Trimethylbenzene	**0.25**	**B**	0.20	0.016	ppb v/v			03/24/15 00:23	1
1,2-Dibromoethane	0.20	U	0.20	0.018	ppb v/v			03/24/15 00:23	1
1,2-Dichlorobenzene	**0.19**	**J B**	0.20	0.018	ppb v/v			03/24/15 00:23	1
1,2-Dichloroethane	0.20	U	0.20	0.052	ppb v/v			03/24/15 00:23	1
1,2-Dichloroethene, Total	**0.41**		0.20	0.053	ppb v/v			03/24/15 00:23	1
1,2-Dichloropropane	0.20	U	0.20	0.035	ppb v/v			03/24/15 00:23	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.052	ppb v/v			03/24/15 00:23	1
1,3,5-Trimethylbenzene	**0.18**	**J**	0.20	0.019	ppb v/v			03/24/15 00:23	1
1,3-Butadiene	0.20	U	0.20	0.036	ppb v/v			03/24/15 00:23	1
1,3-Dichlorobenzene	0.20	U	0.20	0.020	ppb v/v			03/24/15 00:23	1
1,4-Dichlorobenzene	**0.036**	**J B**	0.20	0.019	ppb v/v			03/24/15 00:23	1
1,4-Dioxane	5.0	U	5.0	0.16	ppb v/v			03/24/15 00:23	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.023	ppb v/v			03/24/15 00:23	1
2-Chlorotoluene	0.20	U	0.20	0.031	ppb v/v			03/24/15 00:23	1
3-Chloropropene	0.50	U	0.50	0.16	ppb v/v			03/24/15 00:23	1
4-Ethyltoluene	**0.13**	**J**	0.20	0.020	ppb v/v			03/24/15 00:23	1
4-Isopropyltoluene	0.20	U	0.20	0.020	ppb v/v			03/24/15 00:23	1
Acetone	**7.4**		5.0	0.69	ppb v/v			03/24/15 00:23	1
Benzene	**0.28**		0.20	0.029	ppb v/v			03/24/15 00:23	1
Benzyl chloride	0.20	U	0.20	0.018	ppb v/v			03/24/15 00:23	1
Bromodichloromethane	0.20	U	0.20	0.029	ppb v/v			03/24/15 00:23	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.020	ppb v/v			03/24/15 00:23	1
Bromoform	0.20	U	0.20	0.025	ppb v/v			03/24/15 00:23	1
Bromomethane	0.20	U	0.20	0.044	ppb v/v			03/24/15 00:23	1
Carbon disulfide	0.50	U	0.50	0.030	ppb v/v			03/24/15 00:23	1
Carbon tetrachloride	**0.12**		0.040	0.011	ppb v/v			03/24/15 00:23	1
Chlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/24/15 00:23	1
Chloroethane	**0.97**		0.50	0.061	ppb v/v			03/24/15 00:23	1
Chloroform	0.20	U	0.20	0.038	ppb v/v			03/24/15 00:23	1
Chloromethane	**0.74**		0.50	0.060	ppb v/v			03/24/15 00:23	1
cis-1,2-Dichloroethene	**0.41**		0.20	0.030	ppb v/v			03/24/15 00:23	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.029	ppb v/v			03/24/15 00:23	1
Cumene	**0.041**	**J**	0.20	0.019	ppb v/v			03/24/15 00:23	1
Cyclohexane	0.20	U	0.20	0.010	ppb v/v			03/24/15 00:23	1
Dibromochloromethane	0.20	U	0.20	0.020	ppb v/v			03/24/15 00:23	1
Dichlorodifluoromethane	**0.74**		0.50	0.056	ppb v/v			03/24/15 00:23	1
Ethylbenzene	**0.54**		0.20	0.020	ppb v/v			03/24/15 00:23	1
Freon 22	0.50	U	0.50	0.080	ppb v/v			03/24/15 00:23	1
Freon TF	**0.11**	**J**	0.20	0.041	ppb v/v			03/24/15 00:23	1
Hexachlorobutadiene	0.20	U	0.20	0.036	ppb v/v			03/24/15 00:23	1
Isopropyl alcohol	**300**	**E**	5.0	0.15	ppb v/v			03/24/15 00:23	1
m,p-Xylene	**2.0**	**B**	0.50	0.025	ppb v/v			03/24/15 00:23	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: INDOOR-LOBBY
Date Collected: 03/19/15 13:18
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.17	ppb v/v			03/24/15 00:23	1
Methyl Ethyl Ketone	**0.44**	**J**	0.50	0.092	ppb v/v			03/24/15 00:23	1
methyl isobutyl ketone	0.50	U	0.50	0.18	ppb v/v			03/24/15 00:23	1
Methyl methacrylate	0.50	U	0.50	0.096	ppb v/v			03/24/15 00:23	1
Methyl tert-butyl ether	0.20	U	0.20	0.022	ppb v/v			03/24/15 00:23	1
Methylene Chloride	**0.21**	**J**	0.50	0.12	ppb v/v			03/24/15 00:23	1
Naphthalene	**0.20**	**J**	0.50	0.030	ppb v/v			03/24/15 00:23	1
n-Butane	**1.2**		0.50	0.18	ppb v/v			03/24/15 00:23	1
n-Butylbenzene	0.20	U	0.20	0.028	ppb v/v			03/24/15 00:23	1
n-Heptane	**0.064**	**J**	0.20	0.037	ppb v/v			03/24/15 00:23	1
n-Hexane	**0.11**	**J**	0.20	0.028	ppb v/v			03/24/15 00:23	1
n-Propylbenzene	**0.099**	**J**	0.20	0.027	ppb v/v			03/24/15 00:23	1
sec-Butylbenzene	0.20	U	0.20	0.021	ppb v/v			03/24/15 00:23	1
Styrene	0.20	U	0.20	0.016	ppb v/v			03/24/15 00:23	1
tert-Butyl alcohol	**0.80**	**J**	5.0	0.12	ppb v/v			03/24/15 00:23	1
tert-Butylbenzene	0.20	U	0.20	0.020	ppb v/v			03/24/15 00:23	1
Tetrachloroethene	**0.21**		0.20	0.030	ppb v/v			03/24/15 00:23	1
Tetrahydrofuran	5.0	U	5.0	0.18	ppb v/v			03/24/15 00:23	1
Toluene	**10**		0.20	0.025	ppb v/v			03/24/15 00:23	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.027	ppb v/v			03/24/15 00:23	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.026	ppb v/v			03/24/15 00:23	1
Trichloroethene	0.040	U	0.040	0.030	ppb v/v			03/24/15 00:23	1
Trichlorofluoromethane	**0.35**		0.20	0.045	ppb v/v			03/24/15 00:23	1
Vinyl chloride	0.040	U	0.040	0.026	ppb v/v			03/24/15 00:23	1
Xylene (total)	**2.6**		0.20	0.041	ppb v/v			03/24/15 00:23	1
Xylene, o-	**0.64**		0.20	0.018	ppb v/v			03/24/15 00:23	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.27**	**J**	1.1	0.16	ug/m3			03/24/15 00:23	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.23	ug/m3			03/24/15 00:23	1
1,1,2-Trichloroethane	1.1	U	1.1	0.20	ug/m3			03/24/15 00:23	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			03/24/15 00:23	1
1,1-Dichloroethene	**0.52**	**J**	0.79	0.040	ug/m3			03/24/15 00:23	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.25	ug/m3			03/24/15 00:23	1
1,2,4-Trimethylbenzene	**1.2**	**B**	0.98	0.079	ug/m3			03/24/15 00:23	1
1,2-Dibromoethane	1.5	U	1.5	0.14	ug/m3			03/24/15 00:23	1
1,2-Dichlorobenzene	**1.2**	**J B**	1.2	0.11	ug/m3			03/24/15 00:23	1
1,2-Dichloroethane	0.81	U	0.81	0.21	ug/m3			03/24/15 00:23	1
1,2-Dichloroethene, Total	**1.6**		0.79	0.21	ug/m3			03/24/15 00:23	1
1,2-Dichloropropane	0.92	U	0.92	0.16	ug/m3			03/24/15 00:23	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.36	ug/m3			03/24/15 00:23	1
1,3,5-Trimethylbenzene	**0.89**	**J**	0.98	0.093	ug/m3			03/24/15 00:23	1
1,3-Butadiene	0.44	U	0.44	0.080	ug/m3			03/24/15 00:23	1
1,3-Dichlorobenzene	1.2	U	1.2	0.12	ug/m3			03/24/15 00:23	1
1,4-Dichlorobenzene	**0.21**	**J B**	1.2	0.11	ug/m3			03/24/15 00:23	1
1,4-Dioxane	18	U	18	0.58	ug/m3			03/24/15 00:23	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.11	ug/m3			03/24/15 00:23	1
2-Chlorotoluene	1.0	U	1.0	0.16	ug/m3			03/24/15 00:23	1
3-Chloropropene	1.6	U	1.6	0.50	ug/m3			03/24/15 00:23	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: INDOOR-LOBBY
Lab Sample ID: 200-27205-1
Date Collected: 03/19/15 13:18
Matrix: Air
Date Received: 03/23/15 09:00
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
4-Ethyltoluene	**0.66**	**J**	0.98	0.098	ug/m3			03/24/15 00:23	1
4-Isopropyltoluene	1.1	U	1.1	0.11	ug/m3			03/24/15 00:23	1
Acetone	**17**		12	1.6	ug/m3			03/24/15 00:23	1
Benzene	**0.90**		0.64	0.093	ug/m3			03/24/15 00:23	1
Benzyl chloride	1.0	U	1.0	0.093	ug/m3			03/24/15 00:23	1
Bromodichloromethane	1.3	U	1.3	0.19	ug/m3			03/24/15 00:23	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.087	ug/m3			03/24/15 00:23	1
Bromoform	2.1	U	2.1	0.26	ug/m3			03/24/15 00:23	1
Bromomethane	0.78	U	0.78	0.17	ug/m3			03/24/15 00:23	1
Carbon disulfide	1.6	U	1.6	0.093	ug/m3			03/24/15 00:23	1
Carbon tetrachloride	**0.78**		0.25	0.069	ug/m3			03/24/15 00:23	1
Chlorobenzene	0.92	U	0.92	0.083	ug/m3			03/24/15 00:23	1
Chloroethane	**2.6**		1.3	0.16	ug/m3			03/24/15 00:23	1
Chloroform	0.98	U	0.98	0.19	ug/m3			03/24/15 00:23	1
Chloromethane	**1.5**		1.0	0.12	ug/m3			03/24/15 00:23	1
cis-1,2-Dichloroethene	**1.6**		0.79	0.12	ug/m3			03/24/15 00:23	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.13	ug/m3			03/24/15 00:23	1
Cumene	**0.20**	**J**	0.98	0.093	ug/m3			03/24/15 00:23	1
Cyclohexane	0.69	U	0.69	0.034	ug/m3			03/24/15 00:23	1
Dibromochloromethane	1.7	U	1.7	0.17	ug/m3			03/24/15 00:23	1
Dichlorodifluoromethane	**3.6**		2.5	0.28	ug/m3			03/24/15 00:23	1
Ethylbenzene	**2.3**		0.87	0.087	ug/m3			03/24/15 00:23	1
Freon 22	1.8	U	1.8	0.28	ug/m3			03/24/15 00:23	1
Freon TF	**0.86**	**J**	1.5	0.31	ug/m3			03/24/15 00:23	1
Hexachlorobutadiene	2.1	U	2.1	0.38	ug/m3			03/24/15 00:23	1
Isopropyl alcohol	**730**	**E**	12	0.37	ug/m3			03/24/15 00:23	1
m,p-Xylene	**8.9**	**B**	2.2	0.11	ug/m3			03/24/15 00:23	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.70	ug/m3			03/24/15 00:23	1
Methyl Ethyl Ketone	**1.3**	**J**	1.5	0.27	ug/m3			03/24/15 00:23	1
methyl isobutyl ketone	2.0	U	2.0	0.74	ug/m3			03/24/15 00:23	1
Methyl methacrylate	2.0	U	2.0	0.39	ug/m3			03/24/15 00:23	1
Methyl tert-butyl ether	0.72	U	0.72	0.079	ug/m3			03/24/15 00:23	1
Methylene Chloride	**0.74**	**J**	1.7	0.42	ug/m3			03/24/15 00:23	1
Naphthalene	**1.1**	**J**	2.6	0.16	ug/m3			03/24/15 00:23	1
n-Butane	**2.8**		1.2	0.43	ug/m3			03/24/15 00:23	1
n-Butylbenzene	1.1	U	1.1	0.15	ug/m3			03/24/15 00:23	1
n-Heptane	**0.26**	**J**	0.82	0.15	ug/m3			03/24/15 00:23	1
n-Hexane	**0.39**	**J**	0.70	0.099	ug/m3			03/24/15 00:23	1
n-Propylbenzene	**0.49**	**J**	0.98	0.13	ug/m3			03/24/15 00:23	1
sec-Butylbenzene	1.1	U	1.1	0.12	ug/m3			03/24/15 00:23	1
Styrene	0.85	U	0.85	0.068	ug/m3			03/24/15 00:23	1
tert-Butyl alcohol	**2.4**	**J**	15	0.36	ug/m3			03/24/15 00:23	1
tert-Butylbenzene	1.1	U	1.1	0.11	ug/m3			03/24/15 00:23	1
Tetrachloroethene	**1.4**		1.4	0.20	ug/m3			03/24/15 00:23	1
Tetrahydrofuran	15	U	15	0.53	ug/m3			03/24/15 00:23	1
Toluene	**39**		0.75	0.094	ug/m3			03/24/15 00:23	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			03/24/15 00:23	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.12	ug/m3			03/24/15 00:23	1

Client Sample ID: INDOOR-LOBBY

Lab Sample ID: 200-27205-1

Date Collected: 03/19/15 13:18

Matrix: Air

Date Received: 03/23/15 09:00

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
Trichloroethene	0.21	U	0.21	0.16	ug/m3			03/24/15 00:23	1
Trichlorofluoromethane	**2.0**		1.1	0.25	ug/m3			03/24/15 00:23	1
Vinyl chloride	0.10	U	0.10	0.066	ug/m3			03/24/15 00:23	1
Xylene (total)	**11**		0.87	0.18	ug/m3			03/24/15 00:23	1
Xylene, o-	**2.8**		0.87	0.078	ug/m3			03/24/15 00:23	1

Client Sample ID: SUB-SLAB-LOBBY

Lab Sample ID: 200-27205-2

Date Collected: 03/19/15 13:19

Matrix: Air

Date Received: 03/23/15 09:00

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
1,1,1-Trichloroethane	0.20	U	0.20	0.030	ppb v/v			03/25/15 20:27	1
1,1,2,2-Tetrachloroethane	**0.20**		0.20	0.034	ppb v/v			03/25/15 20:27	1
1,1,2-Trichloroethane	0.20	U	0.20	0.037	ppb v/v			03/25/15 20:27	1
1,1-Dichloroethane	0.20	U	0.20	0.028	ppb v/v			03/25/15 20:27	1
1,1-Dichloroethene	0.20	U	0.20	0.010	ppb v/v			03/25/15 20:27	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.034	ppb v/v			03/25/15 20:27	1
1,2,4-Trimethylbenzene	**0.19**	**J**	0.20	0.016	ppb v/v			03/25/15 20:27	1
1,2-Dibromoethane	0.20	U	0.20	0.018	ppb v/v			03/25/15 20:27	1
1,2-Dichlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/25/15 20:27	1
1,2-Dichloroethane	0.20	U	0.20	0.052	ppb v/v			03/25/15 20:27	1
1,2-Dichloroethene, Total	0.20	U	0.20	0.053	ppb v/v			03/25/15 20:27	1
1,2-Dichloropropane	0.20	U	0.20	0.035	ppb v/v			03/25/15 20:27	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.052	ppb v/v			03/25/15 20:27	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.019	ppb v/v			03/25/15 20:27	1
1,3-Butadiene	0.20	U	0.20	0.036	ppb v/v			03/25/15 20:27	1
1,3-Dichlorobenzene	0.20	U	0.20	0.020	ppb v/v			03/25/15 20:27	1
1,4-Dichlorobenzene	0.20	U	0.20	0.019	ppb v/v			03/25/15 20:27	1
1,4-Dioxane	5.0	U	5.0	0.16	ppb v/v			03/25/15 20:27	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.023	ppb v/v			03/25/15 20:27	1
2-Chlorotoluene	0.20	U	0.20	0.031	ppb v/v			03/25/15 20:27	1
3-Chloropropene	0.50	U	0.50	0.16	ppb v/v			03/25/15 20:27	1
4-Ethyltoluene	**0.044**	**J**	0.20	0.020	ppb v/v			03/25/15 20:27	1
4-Isopropyltoluene	0.20	U	0.20	0.020	ppb v/v			03/25/15 20:27	1
Acetone	**9.7**		5.0	0.69	ppb v/v			03/25/15 20:27	1
Benzene	**0.73**		0.20	0.029	ppb v/v			03/25/15 20:27	1
Benzyl chloride	0.20	U	0.20	0.018	ppb v/v			03/25/15 20:27	1
Bromodichloromethane	0.20	U	0.20	0.029	ppb v/v			03/25/15 20:27	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.020	ppb v/v			03/25/15 20:27	1
Bromoform	0.20	U	0.20	0.025	ppb v/v			03/25/15 20:27	1
Bromomethane	0.20	U	0.20	0.044	ppb v/v			03/25/15 20:27	1
Carbon disulfide	**0.68**		0.50	0.030	ppb v/v			03/25/15 20:27	1
Carbon tetrachloride	**0.059**		0.040	0.011	ppb v/v			03/25/15 20:27	1
Chlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/25/15 20:27	1
Chloroethane	**0.29**	**J**	0.50	0.061	ppb v/v			03/25/15 20:27	1
Chloroform	**0.10**	**J**	0.20	0.038	ppb v/v			03/25/15 20:27	1
Chloromethane	0.50	U	0.50	0.060	ppb v/v			03/25/15 20:27	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: SUB-SLAB-LOBBY
Date Collected: 03/19/15 13:19
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.20	U	0.20	0.030	ppb v/v			03/25/15 20:27	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.029	ppb v/v			03/25/15 20:27	1
Cumene	**0.081**	**J**	0.20	0.019	ppb v/v			03/25/15 20:27	1
Cyclohexane	**3.4**		0.20	0.010	ppb v/v			03/25/15 20:27	1
Dibromochloromethane	0.20	U	0.20	0.020	ppb v/v			03/25/15 20:27	1
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.056	ppb v/v			03/25/15 20:27	1
Ethylbenzene	**0.33**		0.20	0.020	ppb v/v			03/25/15 20:27	1
Freon 22	**0.21**	**J**	0.50	0.080	ppb v/v			03/25/15 20:27	1
Freon TF	**0.068**	**J**	0.20	0.041	ppb v/v			03/25/15 20:27	1
Hexachlorobutadiene	0.20	U	0.20	0.036	ppb v/v			03/25/15 20:27	1
Isopropyl alcohol	**43**	**E**	5.0	0.15	ppb v/v			03/25/15 20:27	1
m,p-Xylene	**1.3**		0.50	0.025	ppb v/v			03/25/15 20:27	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.17	ppb v/v			03/25/15 20:27	1
Methyl Ethyl Ketone	**0.72**		0.50	0.092	ppb v/v			03/25/15 20:27	1
methyl isobutyl ketone	0.50	U	0.50	0.18	ppb v/v			03/25/15 20:27	1
Methyl methacrylate	0.50	U	0.50	0.096	ppb v/v			03/25/15 20:27	1
Methyl tert-butyl ether	0.20	U	0.20	0.022	ppb v/v			03/25/15 20:27	1
Methylene Chloride	**0.32**	**J**	0.50	0.12	ppb v/v			03/25/15 20:27	1
Naphthalene	0.50	U	0.50	0.030	ppb v/v			03/25/15 20:27	1
n-Butane	**10**		0.50	0.18	ppb v/v			03/25/15 20:27	1
n-Butylbenzene	0.20	U	0.20	0.028	ppb v/v			03/25/15 20:27	1
n-Heptane	**6.6**		0.20	0.037	ppb v/v			03/25/15 20:27	1
n-Hexane	**6.1**		0.20	0.028	ppb v/v			03/25/15 20:27	1
n-Propylbenzene	0.20	U	0.20	0.027	ppb v/v			03/25/15 20:27	1
sec-Butylbenzene	0.20	U	0.20	0.021	ppb v/v			03/25/15 20:27	1
Styrene	**0.24**		0.20	0.016	ppb v/v			03/25/15 20:27	1
tert-Butyl alcohol	5.0	U	5.0	0.12	ppb v/v			03/25/15 20:27	1
tert-Butylbenzene	0.20	U	0.20	0.020	ppb v/v			03/25/15 20:27	1
Tetrachloroethene	**1.4**		0.20	0.030	ppb v/v			03/25/15 20:27	1
Tetrahydrofuran	5.0	U	5.0	0.18	ppb v/v			03/25/15 20:27	1
Toluene	**3.1**		0.20	0.025	ppb v/v			03/25/15 20:27	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.027	ppb v/v			03/25/15 20:27	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.026	ppb v/v			03/25/15 20:27	1
Trichloroethene	**4.2**		0.040	0.030	ppb v/v			03/25/15 20:27	1
Trichlorofluoromethane	**0.21**		0.20	0.045	ppb v/v			03/25/15 20:27	1
Vinyl chloride	0.040	U	0.040	0.026	ppb v/v			03/25/15 20:27	1
Xylene (total)	**1.7**		0.20	0.041	ppb v/v			03/25/15 20:27	1
Xylene, o-	**0.44**		0.20	0.018	ppb v/v			03/25/15 20:27	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.16	ug/m3			03/25/15 20:27	1
1,1,2,2-Tetrachloroethane	**1.3**		1.4	0.23	ug/m3			03/25/15 20:27	1
1,1,2-Trichloroethane	1.1	U	1.1	0.20	ug/m3			03/25/15 20:27	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			03/25/15 20:27	1
1,1-Dichloroethene	0.79	U	0.79	0.040	ug/m3			03/25/15 20:27	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.25	ug/m3			03/25/15 20:27	1
1,2,4-Trimethylbenzene	**0.93**	**J**	0.98	0.079	ug/m3			03/25/15 20:27	1
1,2-Dibromoethane	1.5	U	1.5	0.14	ug/m3			03/25/15 20:27	1
1,2-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/25/15 20:27	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: SUB-SLAB-LOBBY
Date Collected: 03/19/15 13:19
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.81	U	0.81	0.21	ug/m3			03/25/15 20:27	1
1,2-Dichloroethene, Total	0.79	U	0.79	0.21	ug/m3			03/25/15 20:27	1
1,2-Dichloropropane	0.92	U	0.92	0.16	ug/m3			03/25/15 20:27	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.36	ug/m3			03/25/15 20:27	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.093	ug/m3			03/25/15 20:27	1
1,3-Butadiene	0.44	U	0.44	0.080	ug/m3			03/25/15 20:27	1
1,3-Dichlorobenzene	1.2	U	1.2	0.12	ug/m3			03/25/15 20:27	1
1,4-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/25/15 20:27	1
1,4-Dioxane	18	U	18	0.58	ug/m3			03/25/15 20:27	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.11	ug/m3			03/25/15 20:27	1
2-Chlorotoluene	1.0	U	1.0	0.16	ug/m3			03/25/15 20:27	1
3-Chloropropene	1.6	U	1.6	0.50	ug/m3			03/25/15 20:27	1
4-Ethyltoluene	**0.21**	**J**	0.98	0.098	ug/m3			03/25/15 20:27	1
4-Isopropyltoluene	1.1	U	1.1	0.11	ug/m3			03/25/15 20:27	1
Acetone	**23**		12	1.6	ug/m3			03/25/15 20:27	1
Benzene	**2.3**		0.64	0.093	ug/m3			03/25/15 20:27	1
Benzyl chloride	1.0	U	1.0	0.093	ug/m3			03/25/15 20:27	1
Bromodichloromethane	1.3	U	1.3	0.19	ug/m3			03/25/15 20:27	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.087	ug/m3			03/25/15 20:27	1
Bromoform	2.1	U	2.1	0.26	ug/m3			03/25/15 20:27	1
Bromomethane	0.78	U	0.78	0.17	ug/m3			03/25/15 20:27	1
Carbon disulfide	**2.1**		1.6	0.093	ug/m3			03/25/15 20:27	1
Carbon tetrachloride	**0.37**		0.25	0.069	ug/m3			03/25/15 20:27	1
Chlorobenzene	0.92	U	0.92	0.083	ug/m3			03/25/15 20:27	1
Chloroethane	**0.77**	**J**	1.3	0.16	ug/m3			03/25/15 20:27	1
Chloroform	**0.50**	**J**	0.98	0.19	ug/m3			03/25/15 20:27	1
Chloromethane	1.0	U	1.0	0.12	ug/m3			03/25/15 20:27	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.12	ug/m3			03/25/15 20:27	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.13	ug/m3			03/25/15 20:27	1
Cumene	**0.40**	**J**	0.98	0.093	ug/m3			03/25/15 20:27	1
Cyclohexane	**12**		0.69	0.034	ug/m3			03/25/15 20:27	1
Dibromochloromethane	1.7	U	1.7	0.17	ug/m3			03/25/15 20:27	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.28	ug/m3			03/25/15 20:27	1
Ethylbenzene	**1.4**		0.87	0.087	ug/m3			03/25/15 20:27	1
Freon 22	**0.75**	**J**	1.8	0.28	ug/m3			03/25/15 20:27	1
Freon TF	**0.52**	**J**	1.5	0.31	ug/m3			03/25/15 20:27	1
Hexachlorobutadiene	2.1	U	2.1	0.38	ug/m3			03/25/15 20:27	1
Isopropyl alcohol	**110**	**E**	12	0.37	ug/m3			03/25/15 20:27	1
m,p-Xylene	**5.7**		2.2	0.11	ug/m3			03/25/15 20:27	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.70	ug/m3			03/25/15 20:27	1
Methyl Ethyl Ketone	**2.1**		1.5	0.27	ug/m3			03/25/15 20:27	1
methyl isobutyl ketone	2.0	U	2.0	0.74	ug/m3			03/25/15 20:27	1
Methyl methacrylate	2.0	U	2.0	0.39	ug/m3			03/25/15 20:27	1
Methyl tert-butyl ether	0.72	U	0.72	0.079	ug/m3			03/25/15 20:27	1
Methylene Chloride	**1.1**	**J**	1.7	0.42	ug/m3			03/25/15 20:27	1
Naphthalene	2.6	U	2.6	0.16	ug/m3			03/25/15 20:27	1
n-Butane	**24**		1.2	0.43	ug/m3			03/25/15 20:27	1
n-Butylbenzene	1.1	U	1.1	0.15	ug/m3			03/25/15 20:27	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: SUB-SLAB-LOBBY

Lab Sample ID: 200-27205-2

Date Collected: 03/19/15 13:19
Matrix: Air
Date Received: 03/23/15 09:00
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
n-Heptane	**27**		0.82	0.15	ug/m3			03/25/15 20:27	1
n-Hexane	**22**		0.70	0.099	ug/m3			03/25/15 20:27	1
n-Propylbenzene	0.98	U	0.98	0.13	ug/m3			03/25/15 20:27	1
sec-Butylbenzene	1.1	U	1.1	0.12	ug/m3			03/25/15 20:27	1
Styrene	**1.0**		0.85	0.068	ug/m3			03/25/15 20:27	1
tert-Butyl alcohol	15	U	15	0.36	ug/m3			03/25/15 20:27	1
tert-Butylbenzene	1.1	U	1.1	0.11	ug/m3			03/25/15 20:27	1
Tetrachloroethene	**9.7**		1.4	0.20	ug/m3			03/25/15 20:27	1
Tetrahydrofuran	15	U	15	0.53	ug/m3			03/25/15 20:27	1
Toluene	**12**		0.75	0.094	ug/m3			03/25/15 20:27	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			03/25/15 20:27	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.12	ug/m3			03/25/15 20:27	1
Trichloroethene	**23**		0.21	0.16	ug/m3			03/25/15 20:27	1
Trichlorofluoromethane	**1.2**		1.1	0.25	ug/m3			03/25/15 20:27	1
Vinyl chloride	0.10	U	0.10	0.066	ug/m3			03/25/15 20:27	1
Xylene (total)	**7.6**		0.87	0.18	ug/m3			03/25/15 20:27	1
Xylene, o-	**1.9**		0.87	0.078	ug/m3			03/25/15 20:27	1

Client Sample ID: INDOOR-UTIL RM

Lab Sample ID: 200-27205-3

Date Collected: 03/19/15 13:46
Matrix: Air
Date Received: 03/23/15 09:00
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
1,1,1-Trichloroethane	0.20	U	0.20	0.030	ppb v/v			03/24/15 01:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.034	ppb v/v			03/24/15 01:12	1
1,1,2-Trichloroethane	0.20	U	0.20	0.037	ppb v/v			03/24/15 01:12	1
1,1-Dichloroethane	0.20	U	0.20	0.028	ppb v/v			03/24/15 01:12	1
1,1-Dichloroethene	0.20	U	0.20	0.010	ppb v/v			03/24/15 01:12	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.034	ppb v/v			03/24/15 01:12	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.016	ppb v/v			03/24/15 01:12	1
1,2-Dibromoethane	0.20	U	0.20	0.018	ppb v/v			03/24/15 01:12	1
1,2-Dichlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/24/15 01:12	1
1,2-Dichloroethane	0.20	U	0.20	0.052	ppb v/v			03/24/15 01:12	1
1,2-Dichloroethene, Total	0.20	U	0.20	0.053	ppb v/v			03/24/15 01:12	1
1,2-Dichloropropane	0.20	U	0.20	0.035	ppb v/v			03/24/15 01:12	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.052	ppb v/v			03/24/15 01:12	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.019	ppb v/v			03/24/15 01:12	1
1,3-Butadiene	0.20	U	0.20	0.036	ppb v/v			03/24/15 01:12	1
1,3-Dichlorobenzene	0.20	U	0.20	0.020	ppb v/v			03/24/15 01:12	1
1,4-Dichlorobenzene	0.20	U	0.20	0.019	ppb v/v			03/24/15 01:12	1
1,4-Dioxane	5.0	U	5.0	0.16	ppb v/v			03/24/15 01:12	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.023	ppb v/v			03/24/15 01:12	1
2-Chlorotoluene	0.20	U	0.20	0.031	ppb v/v			03/24/15 01:12	1
3-Chloropropene	0.50	U	0.50	0.16	ppb v/v			03/24/15 01:12	1
4-Ethyltoluene	0.20	U	0.20	0.020	ppb v/v			03/24/15 01:12	1
4-Isopropyltoluene	0.20	U	0.20	0.020	ppb v/v			03/24/15 01:12	1
Acetone	**5.2**		5.0	0.69	ppb v/v			03/24/15 01:12	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: INDOOR-UTIL RM
Date Collected: 03/19/15 13:46
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-3
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.20**		0.20	0.029	ppb v/v			03/24/15 01:12	1
Benzyl chloride	0.20	U	0.20	0.018	ppb v/v			03/24/15 01:12	1
Bromodichloromethane	0.20	U	0.20	0.029	ppb v/v			03/24/15 01:12	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.020	ppb v/v			03/24/15 01:12	1
Bromoform	0.20	U	0.20	0.025	ppb v/v			03/24/15 01:12	1
Bromomethane	0.20	U	0.20	0.044	ppb v/v			03/24/15 01:12	1
Carbon disulfide	0.50	U	0.50	0.030	ppb v/v			03/24/15 01:12	1
Carbon tetrachloride	**0.094**		0.040	0.011	ppb v/v			03/24/15 01:12	1
Chlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/24/15 01:12	1
Chloroethane	**0.72**		0.50	0.061	ppb v/v			03/24/15 01:12	1
Chloroform	**0.040**	**J**	0.20	0.038	ppb v/v			03/24/15 01:12	1
Chloromethane	**0.59**		0.50	0.060	ppb v/v			03/24/15 01:12	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.030	ppb v/v			03/24/15 01:12	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.029	ppb v/v			03/24/15 01:12	1
Cumene	0.20	U	0.20	0.019	ppb v/v			03/24/15 01:12	1
Cyclohexane	0.20	U	0.20	0.010	ppb v/v			03/24/15 01:12	1
Dibromochloromethane	0.20	U	0.20	0.020	ppb v/v			03/24/15 01:12	1
Dichlorodifluoromethane	**0.62**		0.50	0.056	ppb v/v			03/24/15 01:12	1
Ethylbenzene	**0.030**	**J**	0.20	0.020	ppb v/v			03/24/15 01:12	1
Freon 22	0.50	U	0.50	0.080	ppb v/v			03/24/15 01:12	1
Freon TF	**0.095**	**J**	0.20	0.041	ppb v/v			03/24/15 01:12	1
Hexachlorobutadiene	0.20	U	0.20	0.036	ppb v/v			03/24/15 01:12	1
Isopropyl alcohol	**140**	**E**	5.0	0.15	ppb v/v			03/24/15 01:12	1
m,p-Xylene	**0.055**	**J B**	0.50	0.025	ppb v/v			03/24/15 01:12	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.17	ppb v/v			03/24/15 01:12	1
Methyl Ethyl Ketone	**0.31**	**J**	0.50	0.092	ppb v/v			03/24/15 01:12	1
methyl isobutyl ketone	0.50	U	0.50	0.18	ppb v/v			03/24/15 01:12	1
Methyl methacrylate	0.50	U	0.50	0.096	ppb v/v			03/24/15 01:12	1
Methyl tert-butyl ether	0.20	U	0.20	0.022	ppb v/v			03/24/15 01:12	1
Methylene Chloride	0.50	U	0.50	0.12	ppb v/v			03/24/15 01:12	1
Naphthalene	0.50	U	0.50	0.030	ppb v/v			03/24/15 01:12	1
n-Butane	**0.98**		0.50	0.18	ppb v/v			03/24/15 01:12	1
n-Butylbenzene	0.20	U	0.20	0.028	ppb v/v			03/24/15 01:12	1
n-Heptane	0.20	U	0.20	0.037	ppb v/v			03/24/15 01:12	1
n-Hexane	0.20	U	0.20	0.028	ppb v/v			03/24/15 01:12	1
n-Propylbenzene	0.20	U	0.20	0.027	ppb v/v			03/24/15 01:12	1
sec-Butylbenzene	0.20	U	0.20	0.021	ppb v/v			03/24/15 01:12	1
Styrene	0.20	U	0.20	0.016	ppb v/v			03/24/15 01:12	1
tert-Butyl alcohol	5.0	U	5.0	0.12	ppb v/v			03/24/15 01:12	1
tert-Butylbenzene	0.20	U	0.20	0.020	ppb v/v			03/24/15 01:12	1
Tetrachloroethene	0.20	U	0.20	0.030	ppb v/v			03/24/15 01:12	1
Tetrahydrofuran	5.0	U	5.0	0.18	ppb v/v			03/24/15 01:12	1
Toluene	**0.27**		0.20	0.025	ppb v/v			03/24/15 01:12	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.027	ppb v/v			03/24/15 01:12	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.026	ppb v/v			03/24/15 01:12	1
Trichloroethene	0.040	U	0.040	0.030	ppb v/v			03/24/15 01:12	1
Trichlorofluoromethane	**0.28**		0.20	0.045	ppb v/v			03/24/15 01:12	1
Vinyl chloride	0.040	U	0.040	0.026	ppb v/v			03/24/15 01:12	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: INDOOR-UTIL RM
Date Collected: 03/19/15 13:46
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-3
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylene (total)	**0.055**	**J**	0.20	0.041	ppb v/v			03/24/15 01:12	1
Xylene, o-	0.20	U	0.20	0.018	ppb v/v			03/24/15 01:12	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.16	ug/m3			03/24/15 01:12	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.23	ug/m3			03/24/15 01:12	1
1,1,2-Trichloroethane	1.1	U	1.1	0.20	ug/m3			03/24/15 01:12	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			03/24/15 01:12	1
1,1-Dichloroethene	0.79	U	0.79	0.040	ug/m3			03/24/15 01:12	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.25	ug/m3			03/24/15 01:12	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.079	ug/m3			03/24/15 01:12	1
1,2-Dibromoethane	1.5	U	1.5	0.14	ug/m3			03/24/15 01:12	1
1,2-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/24/15 01:12	1
1,2-Dichloroethane	0.81	U	0.81	0.21	ug/m3			03/24/15 01:12	1
1,2-Dichloroethene, Total	0.79	U	0.79	0.21	ug/m3			03/24/15 01:12	1
1,2-Dichloropropane	0.92	U	0.92	0.16	ug/m3			03/24/15 01:12	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.36	ug/m3			03/24/15 01:12	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.093	ug/m3			03/24/15 01:12	1
1,3-Butadiene	0.44	U	0.44	0.080	ug/m3			03/24/15 01:12	1
1,3-Dichlorobenzene	1.2	U	1.2	0.12	ug/m3			03/24/15 01:12	1
1,4-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/24/15 01:12	1
1,4-Dioxane	18	U	18	0.58	ug/m3			03/24/15 01:12	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.11	ug/m3			03/24/15 01:12	1
2-Chlorotoluene	1.0	U	1.0	0.16	ug/m3			03/24/15 01:12	1
3-Chloropropene	1.6	U	1.6	0.50	ug/m3			03/24/15 01:12	1
4-Ethyltoluene	0.98	U	0.98	0.098	ug/m3			03/24/15 01:12	1
4-Isopropyltoluene	1.1	U	1.1	0.11	ug/m3			03/24/15 01:12	1
Acetone	**12**		12	1.6	ug/m3			03/24/15 01:12	1
Benzene	**0.64**		0.64	0.093	ug/m3			03/24/15 01:12	1
Benzyl chloride	1.0	U	1.0	0.093	ug/m3			03/24/15 01:12	1
Bromodichloromethane	1.3	U	1.3	0.19	ug/m3			03/24/15 01:12	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.087	ug/m3			03/24/15 01:12	1
Bromoform	2.1	U	2.1	0.26	ug/m3			03/24/15 01:12	1
Bromomethane	0.78	U	0.78	0.17	ug/m3			03/24/15 01:12	1
Carbon disulfide	1.6	U	1.6	0.093	ug/m3			03/24/15 01:12	1
Carbon tetrachloride	**0.59**		0.25	0.069	ug/m3			03/24/15 01:12	1
Chlorobenzene	0.92	U	0.92	0.083	ug/m3			03/24/15 01:12	1
Chloroethane	**1.9**		1.3	0.16	ug/m3			03/24/15 01:12	1
Chloroform	**0.19**	**J**	0.98	0.19	ug/m3			03/24/15 01:12	1
Chloromethane	**1.2**		1.0	0.12	ug/m3			03/24/15 01:12	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.12	ug/m3			03/24/15 01:12	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.13	ug/m3			03/24/15 01:12	1
Cumene	0.98	U	0.98	0.093	ug/m3			03/24/15 01:12	1
Cyclohexane	0.69	U	0.69	0.034	ug/m3			03/24/15 01:12	1
Dibromochloromethane	1.7	U	1.7	0.17	ug/m3			03/24/15 01:12	1
Dichlorodifluoromethane	**3.1**		2.5	0.28	ug/m3			03/24/15 01:12	1
Ethylbenzene	**0.13**	**J**	0.87	0.087	ug/m3			03/24/15 01:12	1
Freon 22	1.8	U	1.8	0.28	ug/m3			03/24/15 01:12	1
Freon TF	**0.73**	**J**	1.5	0.31	ug/m3			03/24/15 01:12	1

Client Sample ID: INDOOR-UTIL RM — **Lab Sample ID: 200-27205-3**

Date Collected: 03/19/15 13:46 — **Matrix: Air**

Date Received: 03/23/15 09:00

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
Hexachlorobutadiene	2.1	U	2.1	0.38	ug/m3			03/24/15 01:12	1
Isopropyl alcohol	**350**	**E**	12	0.37	ug/m3			03/24/15 01:12	1
m,p-Xylene	**0.24**	**J B**	2.2	0.11	ug/m3			03/24/15 01:12	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.70	ug/m3			03/24/15 01:12	1
Methyl Ethyl Ketone	**0.91**	**J**	1.5	0.27	ug/m3			03/24/15 01:12	1
methyl isobutyl ketone	2.0	U	2.0	0.74	ug/m3			03/24/15 01:12	1
Methyl methacrylate	2.0	U	2.0	0.39	ug/m3			03/24/15 01:12	1
Methyl tert-butyl ether	0.72	U	0.72	0.079	ug/m3			03/24/15 01:12	1
Methylene Chloride	1.7	U	1.7	0.42	ug/m3			03/24/15 01:12	1
Naphthalene	2.6	U	2.6	0.16	ug/m3			03/24/15 01:12	1
n-Butane	**2.3**		1.2	0.43	ug/m3			03/24/15 01:12	1
n-Butylbenzene	1.1	U	1.1	0.15	ug/m3			03/24/15 01:12	1
n-Heptane	0.82	U	0.82	0.15	ug/m3			03/24/15 01:12	1
n-Hexane	0.70	U	0.70	0.099	ug/m3			03/24/15 01:12	1
n-Propylbenzene	0.98	U	0.98	0.13	ug/m3			03/24/15 01:12	1
sec-Butylbenzene	1.1	U	1.1	0.12	ug/m3			03/24/15 01:12	1
Styrene	0.85	U	0.85	0.068	ug/m3			03/24/15 01:12	1
tert-Butyl alcohol	15	U	15	0.36	ug/m3			03/24/15 01:12	1
tert-Butylbenzene	1.1	U	1.1	0.11	ug/m3			03/24/15 01:12	1
Tetrachloroethene	1.4	U	1.4	0.20	ug/m3			03/24/15 01:12	1
Tetrahydrofuran	15	U	15	0.53	ug/m3			03/24/15 01:12	1
Toluene	**1.0**		0.75	0.094	ug/m3			03/24/15 01:12	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			03/24/15 01:12	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.12	ug/m3			03/24/15 01:12	1
Trichloroethene	0.21	U	0.21	0.16	ug/m3			03/24/15 01:12	1
Trichlorofluoromethane	**1.6**		1.1	0.25	ug/m3			03/24/15 01:12	1
Vinyl chloride	0.10	U	0.10	0.066	ug/m3			03/24/15 01:12	1
Xylene (total)	**0.24**	**J**	0.87	0.18	ug/m3			03/24/15 01:12	1
Xylene, o-	0.87	U	0.87	0.078	ug/m3			03/24/15 01:12	1

Client Sample ID: SUB-SLAB-UTIL RM — **Lab Sample ID: 200-27205-4**

Date Collected: 03/19/15 13:20 — **Matrix: Air**

Date Received: 03/23/15 09:00

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
1,1,1-Trichloroethane	**0.41**		0.20	0.030	ppb v/v			03/25/15 21:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.034	ppb v/v			03/25/15 21:18	1
1,1,2-Trichloroethane	0.20	U	0.20	0.037	ppb v/v			03/25/15 21:18	1
1,1-Dichloroethane	0.20	U	0.20	0.028	ppb v/v			03/25/15 21:18	1
1,1-Dichloroethene	0.20	U	0.20	0.010	ppb v/v			03/25/15 21:18	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.034	ppb v/v			03/25/15 21:18	1
1,2,4-Trimethylbenzene	**0.84**		0.20	0.016	ppb v/v			03/25/15 21:18	1
1,2-Dibromoethane	0.20	U	0.20	0.018	ppb v/v			03/25/15 21:18	1
1,2-Dichlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/25/15 21:18	1
1,2-Dichloroethane	0.20	U	0.20	0.052	ppb v/v			03/25/15 21:18	1
1,2-Dichloroethene, Total	0.20	U	0.20	0.053	ppb v/v			03/25/15 21:18	1
1,2-Dichloropropane	0.20	U	0.20	0.035	ppb v/v			03/25/15 21:18	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: SUB-SLAB-UTIL RM
Date Collected: 03/19/15 13:20
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-4
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.052	ppb v/v			03/25/15 21:18	1
1,3,5-Trimethylbenzene	**0.29**		0.20	0.019	ppb v/v			03/25/15 21:18	1
1,3-Butadiene	0.20	U	0.20	0.036	ppb v/v			03/25/15 21:18	1
1,3-Dichlorobenzene	0.20	U	0.20	0.020	ppb v/v			03/25/15 21:18	1
1,4-Dichlorobenzene	0.20	U	0.20	0.019	ppb v/v			03/25/15 21:18	1
1,4-Dioxane	5.0	U	5.0	0.16	ppb v/v			03/25/15 21:18	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.023	ppb v/v			03/25/15 21:18	1
2-Chlorotoluene	0.20	U	0.20	0.031	ppb v/v			03/25/15 21:18	1
3-Chloropropene	0.50	U	0.50	0.16	ppb v/v			03/25/15 21:18	1
4-Ethyltoluene	**0.23**		0.20	0.020	ppb v/v			03/25/15 21:18	1
4-Isopropyltoluene	**0.20**		0.20	0.020	ppb v/v			03/25/15 21:18	1
Acetone	**10**		5.0	0.69	ppb v/v			03/25/15 21:18	1
Benzene	**0.81**		0.20	0.029	ppb v/v			03/25/15 21:18	1
Benzyl chloride	0.20	U	0.20	0.018	ppb v/v			03/25/15 21:18	1
Bromodichloromethane	0.20	U	0.20	0.029	ppb v/v			03/25/15 21:18	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.020	ppb v/v			03/25/15 21:18	1
Bromoform	0.20	U	0.20	0.025	ppb v/v			03/25/15 21:18	1
Bromomethane	0.20	U	0.20	0.044	ppb v/v			03/25/15 21:18	1
Carbon disulfide	**0.94**		0.50	0.030	ppb v/v			03/25/15 21:18	1
Carbon tetrachloride	**0.038**	**J**	0.040	0.011	ppb v/v			03/25/15 21:18	1
Chlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/25/15 21:18	1
Chloroethane	0.50	U	0.50	0.061	ppb v/v			03/25/15 21:18	1
Chloroform	0.20	U	0.20	0.038	ppb v/v			03/25/15 21:18	1
Chloromethane	**0.077**	**J**	0.50	0.060	ppb v/v			03/25/15 21:18	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.030	ppb v/v			03/25/15 21:18	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.029	ppb v/v			03/25/15 21:18	1
Cumene	**0.19**	**J**	0.20	0.019	ppb v/v			03/25/15 21:18	1
Cyclohexane	**7.1**		0.20	0.010	ppb v/v			03/25/15 21:18	1
Dibromochloromethane	0.20	U	0.20	0.020	ppb v/v			03/25/15 21:18	1
Dichlorodifluoromethane	**0.47**	**J**	0.50	0.056	ppb v/v			03/25/15 21:18	1
Ethylbenzene	**0.66**		0.20	0.020	ppb v/v			03/25/15 21:18	1
Freon 22	**1.4**		0.50	0.080	ppb v/v			03/25/15 21:18	1
Freon TF	**0.070**	**J**	0.20	0.041	ppb v/v			03/25/15 21:18	1
Hexachlorobutadiene	0.20	U	0.20	0.036	ppb v/v			03/25/15 21:18	1
Isopropyl alcohol	**4.5**	**J**	5.0	0.15	ppb v/v			03/25/15 21:18	1
m,p-Xylene	**2.9**		0.50	0.025	ppb v/v			03/25/15 21:18	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.17	ppb v/v			03/25/15 21:18	1
Methyl Ethyl Ketone	**1.7**		0.50	0.092	ppb v/v			03/25/15 21:18	1
methyl isobutyl ketone	0.50	U	0.50	0.18	ppb v/v			03/25/15 21:18	1
Methyl methacrylate	0.50	U	0.50	0.096	ppb v/v			03/25/15 21:18	1
Methyl tert-butyl ether	0.20	U	0.20	0.022	ppb v/v			03/25/15 21:18	1
Methylene Chloride	**0.33**	**J**	0.50	0.12	ppb v/v			03/25/15 21:18	1
Naphthalene	0.50	U	0.50	0.030	ppb v/v			03/25/15 21:18	1
n-Butane	**12**		0.50	0.18	ppb v/v			03/25/15 21:18	1
n-Butylbenzene	0.20	U	0.20	0.028	ppb v/v			03/25/15 21:18	1
n-Heptane	**13**		0.20	0.037	ppb v/v			03/25/15 21:18	1
n-Hexane	**14**		0.20	0.028	ppb v/v			03/25/15 21:18	1
n-Propylbenzene	**0.20**		0.20	0.027	ppb v/v			03/25/15 21:18	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: SUB-SLAB-UTIL RM
Date Collected: 03/19/15 13:20
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-4
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.021	ppb v/v			03/25/15 21:18	1
Styrene	**0.98**		0.20	0.016	ppb v/v			03/25/15 21:18	1
tert-Butyl alcohol	**1.4**	**J**	5.0	0.12	ppb v/v			03/25/15 21:18	1
tert-Butylbenzene	0.20	U	0.20	0.020	ppb v/v			03/25/15 21:18	1
Tetrachloroethene	**1.8**		0.20	0.030	ppb v/v			03/25/15 21:18	1
Tetrahydrofuran	5.0	U	5.0	0.18	ppb v/v			03/25/15 21:18	1
Toluene	**6.8**		0.20	0.025	ppb v/v			03/25/15 21:18	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.027	ppb v/v			03/25/15 21:18	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.026	ppb v/v			03/25/15 21:18	1
Trichloroethene	0.040	U	0.040	0.030	ppb v/v			03/25/15 21:18	1
Trichlorofluoromethane	**0.21**		0.20	0.045	ppb v/v			03/25/15 21:18	1
Vinyl chloride	0.040	U	0.040	0.026	ppb v/v			03/25/15 21:18	1
Xylene (total)	**3.9**		0.20	0.041	ppb v/v			03/25/15 21:18	1
Xylene, o-	**1.0**		0.20	0.018	ppb v/v			03/25/15 21:18	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.2**		1.1	0.16	ug/m3			03/25/15 21:18	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.23	ug/m3			03/25/15 21:18	1
1,1,2-Trichloroethane	1.1	U	1.1	0.20	ug/m3			03/25/15 21:18	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			03/25/15 21:18	1
1,1-Dichloroethene	0.79	U	0.79	0.040	ug/m3			03/25/15 21:18	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.25	ug/m3			03/25/15 21:18	1
1,2,4-Trimethylbenzene	**4.1**		0.98	0.079	ug/m3			03/25/15 21:18	1
1,2-Dibromoethane	1.5	U	1.5	0.14	ug/m3			03/25/15 21:18	1
1,2-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/25/15 21:18	1
1,2-Dichloroethane	0.81	U	0.81	0.21	ug/m3			03/25/15 21:18	1
1,2-Dichloroethene, Total	0.79	U	0.79	0.21	ug/m3			03/25/15 21:18	1
1,2-Dichloropropane	0.92	U	0.92	0.16	ug/m3			03/25/15 21:18	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.36	ug/m3			03/25/15 21:18	1
1,3,5-Trimethylbenzene	**1.4**		0.98	0.093	ug/m3			03/25/15 21:18	1
1,3-Butadiene	0.44	U	0.44	0.080	ug/m3			03/25/15 21:18	1
1,3-Dichlorobenzene	1.2	U	1.2	0.12	ug/m3			03/25/15 21:18	1
1,4-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/25/15 21:18	1
1,4-Dioxane	18	U	18	0.58	ug/m3			03/25/15 21:18	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.11	ug/m3			03/25/15 21:18	1
2-Chlorotoluene	1.0	U	1.0	0.16	ug/m3			03/25/15 21:18	1
3-Chloropropene	1.6	U	1.6	0.50	ug/m3			03/25/15 21:18	1
4-Ethyltoluene	**1.1**		0.98	0.098	ug/m3			03/25/15 21:18	1
4-Isopropyltoluene	**1.1**		1.1	0.11	ug/m3			03/25/15 21:18	1
Acetone	**25**		12	1.6	ug/m3			03/25/15 21:18	1
Benzene	**2.6**		0.64	0.093	ug/m3			03/25/15 21:18	1
Benzyl chloride	1.0	U	1.0	0.093	ug/m3			03/25/15 21:18	1
Bromodichloromethane	1.3	U	1.3	0.19	ug/m3			03/25/15 21:18	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.087	ug/m3			03/25/15 21:18	1
Bromoform	2.1	U	2.1	0.26	ug/m3			03/25/15 21:18	1
Bromomethane	0.78	U	0.78	0.17	ug/m3			03/25/15 21:18	1
Carbon disulfide	**2.9**		1.6	0.093	ug/m3			03/25/15 21:18	1
Carbon tetrachloride	**0.24**	**J**	0.25	0.069	ug/m3			03/25/15 21:18	1
Chlorobenzene	0.92	U	0.92	0.083	ug/m3			03/25/15 21:18	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: SUB-SLAB-UTIL RM
Lab Sample ID: 200-27205-4
Date Collected: 03/19/15 13:20
Matrix: Air
Date Received: 03/23/15 09:00
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
Chloroethane	1.3	U	1.3	0.16	ug/m3			03/25/15 21:18	1
Chloroform	0.98	U	0.98	0.19	ug/m3			03/25/15 21:18	1
Chloromethane	**0.16**	**J**	1.0	0.12	ug/m3			03/25/15 21:18	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.12	ug/m3			03/25/15 21:18	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.13	ug/m3			03/25/15 21:18	1
Cumene	**0.91**	**J**	0.98	0.093	ug/m3			03/25/15 21:18	1
Cyclohexane	**25**		0.69	0.034	ug/m3			03/25/15 21:18	1
Dibromochloromethane	1.7	U	1.7	0.17	ug/m3			03/25/15 21:18	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.28	ug/m3			03/25/15 21:18	1
Ethylbenzene	**2.9**		0.87	0.087	ug/m3			03/25/15 21:18	1
Freon 22	**4.9**		1.8	0.28	ug/m3			03/25/15 21:18	1
Freon TF	**0.54**	**J**	1.5	0.31	ug/m3			03/25/15 21:18	1
Hexachlorobutadiene	2.1	U	2.1	0.38	ug/m3			03/25/15 21:18	1
Isopropyl alcohol	**11**	**J**	12	0.37	ug/m3			03/25/15 21:18	1
m,p-Xylene	**13**		2.2	0.11	ug/m3			03/25/15 21:18	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.70	ug/m3			03/25/15 21:18	1
Methyl Ethyl Ketone	**5.0**		1.5	0.27	ug/m3			03/25/15 21:18	1
methyl isobutyl ketone	2.0	U	2.0	0.74	ug/m3			03/25/15 21:18	1
Methyl methacrylate	2.0	U	2.0	0.39	ug/m3			03/25/15 21:18	1
Methyl tert-butyl ether	0.72	U	0.72	0.079	ug/m3			03/25/15 21:18	1
Methylene Chloride	**1.1**	**J**	1.7	0.42	ug/m3			03/25/15 21:18	1
Naphthalene	2.6	U	2.6	0.16	ug/m3			03/25/15 21:18	1
n-Butane	**28**		1.2	0.43	ug/m3			03/25/15 21:18	1
n-Butylbenzene	1.1	U	1.1	0.15	ug/m3			03/25/15 21:18	1
n-Heptane	**55**		0.82	0.15	ug/m3			03/25/15 21:18	1
n-Hexane	**49**		0.70	0.099	ug/m3			03/25/15 21:18	1
n-Propylbenzene	**0.99**		0.98	0.13	ug/m3			03/25/15 21:18	1
sec-Butylbenzene	1.1	U	1.1	0.12	ug/m3			03/25/15 21:18	1
Styrene	**4.2**		0.85	0.068	ug/m3			03/25/15 21:18	1
tert-Butyl alcohol	**4.3**	**J**	15	0.36	ug/m3			03/25/15 21:18	1
tert-Butylbenzene	1.1	U	1.1	0.11	ug/m3			03/25/15 21:18	1
Tetrachloroethene	**12**		1.4	0.20	ug/m3			03/25/15 21:18	1
Tetrahydrofuran	15	U	15	0.53	ug/m3			03/25/15 21:18	1
Toluene	**26**		0.75	0.094	ug/m3			03/25/15 21:18	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			03/25/15 21:18	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.12	ug/m3			03/25/15 21:18	1
Trichloroethene	0.21	U	0.21	0.16	ug/m3			03/25/15 21:18	1
Trichlorofluoromethane	**1.2**		1.1	0.25	ug/m3			03/25/15 21:18	1
Vinyl chloride	0.10	U	0.10	0.066	ug/m3			03/25/15 21:18	1
Xylene (total)	**17**		0.87	0.18	ug/m3			03/25/15 21:18	1
Xylene, o-	**4.4**		0.87	0.078	ug/m3			03/25/15 21:18	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: OUTDOOR
Date Collected: 03/19/15 13:16
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-5
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.030	ppb v/v			03/24/15 02:02	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.034	ppb v/v			03/24/15 02:02	1
1,1,2-Trichloroethane	0.20	U	0.20	0.037	ppb v/v			03/24/15 02:02	1
1,1-Dichloroethane	0.20	U	0.20	0.028	ppb v/v			03/24/15 02:02	1
1,1-Dichloroethene	0.20	U	0.20	0.010	ppb v/v			03/24/15 02:02	1
1,2,4-Trichlorobenzene	**0.058**	**J**	0.50	0.034	ppb v/v			03/24/15 02:02	1
1,2,4-Trimethylbenzene	**0.016**	**J B**	0.20	0.016	ppb v/v			03/24/15 02:02	1
1,2-Dibromoethane	0.20	U	0.20	0.018	ppb v/v			03/24/15 02:02	1
1,2-Dichlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/24/15 02:02	1
1,2-Dichloroethane	0.20	U	0.20	0.052	ppb v/v			03/24/15 02:02	1
1,2-Dichloroethene, Total	0.20	U	0.20	0.053	ppb v/v			03/24/15 02:02	1
1,2-Dichloropropane	0.20	U	0.20	0.035	ppb v/v			03/24/15 02:02	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.052	ppb v/v			03/24/15 02:02	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.019	ppb v/v			03/24/15 02:02	1
1,3-Butadiene	0.20	U	0.20	0.036	ppb v/v			03/24/15 02:02	1
1,3-Dichlorobenzene	0.20	U	0.20	0.020	ppb v/v			03/24/15 02:02	1
1,4-Dichlorobenzene	0.20	U	0.20	0.019	ppb v/v			03/24/15 02:02	1
1,4-Dioxane	5.0	U	5.0	0.16	ppb v/v			03/24/15 02:02	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.023	ppb v/v			03/24/15 02:02	1
2-Chlorotoluene	0.20	U	0.20	0.031	ppb v/v			03/24/15 02:02	1
3-Chloropropene	0.50	U	0.50	0.16	ppb v/v			03/24/15 02:02	1
4-Ethyltoluene	0.20	U	0.20	0.020	ppb v/v			03/24/15 02:02	1
4-Isopropyltoluene	0.20	U	0.20	0.020	ppb v/v			03/24/15 02:02	1
Acetone	**1.7**	**J**	5.0	0.69	ppb v/v			03/24/15 02:02	1
Benzene	**0.16**	**J**	0.20	0.029	ppb v/v			03/24/15 02:02	1
Benzyl chloride	0.20	U	0.20	0.018	ppb v/v			03/24/15 02:02	1
Bromodichloromethane	0.20	U	0.20	0.029	ppb v/v			03/24/15 02:02	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.020	ppb v/v			03/24/15 02:02	1
Bromoform	0.20	U	0.20	0.025	ppb v/v			03/24/15 02:02	1
Bromomethane	0.20	U	0.20	0.044	ppb v/v			03/24/15 02:02	1
Carbon disulfide	0.50	U	0.50	0.030	ppb v/v			03/24/15 02:02	1
Carbon tetrachloride	**0.082**		0.040	0.011	ppb v/v			03/24/15 02:02	1
Chlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/24/15 02:02	1
Chloroethane	0.50	U	0.50	0.061	ppb v/v			03/24/15 02:02	1
Chloroform	0.20	U	0.20	0.038	ppb v/v			03/24/15 02:02	1
Chloromethane	**0.59**		0.50	0.060	ppb v/v			03/24/15 02:02	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.030	ppb v/v			03/24/15 02:02	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.029	ppb v/v			03/24/15 02:02	1
Cumene	0.20	U	0.20	0.019	ppb v/v			03/24/15 02:02	1
Cyclohexane	0.20	U	0.20	0.010	ppb v/v			03/24/15 02:02	1
Dibromochloromethane	0.20	U	0.20	0.020	ppb v/v			03/24/15 02:02	1
Dichlorodifluoromethane	**0.59**		0.50	0.056	ppb v/v			03/24/15 02:02	1
Ethylbenzene	**0.029**	**J**	0.20	0.020	ppb v/v			03/24/15 02:02	1
Freon 22	**0.33**	**J**	0.50	0.080	ppb v/v			03/24/15 02:02	1
Freon TF	**0.091**	**J**	0.20	0.041	ppb v/v			03/24/15 02:02	1
Hexachlorobutadiene	**0.072**	**J**	0.20	0.036	ppb v/v			03/24/15 02:02	1
Isopropyl alcohol	**1.1**	**J**	5.0	0.15	ppb v/v			03/24/15 02:02	1
m,p-Xylene	**0.084**	**J B**	0.50	0.025	ppb v/v			03/24/15 02:02	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: OUTDOOR
Date Collected: 03/19/15 13:16
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-5
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.17	ppb v/v			03/24/15 02:02	1
Methyl Ethyl Ketone	0.50	U	0.50	0.092	ppb v/v			03/24/15 02:02	1
methyl isobutyl ketone	0.50	U	0.50	0.18	ppb v/v			03/24/15 02:02	1
Methyl methacrylate	0.50	U	0.50	0.096	ppb v/v			03/24/15 02:02	1
Methyl tert-butyl ether	0.20	U	0.20	0.022	ppb v/v			03/24/15 02:02	1
Methylene Chloride	**0.22**	**J**	0.50	0.12	ppb v/v			03/24/15 02:02	1
Naphthalene	0.50	U	0.50	0.030	ppb v/v			03/24/15 02:02	1
n-Butane	**0.54**		0.50	0.18	ppb v/v			03/24/15 02:02	1
n-Butylbenzene	0.20	U	0.20	0.028	ppb v/v			03/24/15 02:02	1
n-Heptane	0.20	U	0.20	0.037	ppb v/v			03/24/15 02:02	1
n-Hexane	**0.076**	**J**	0.20	0.028	ppb v/v			03/24/15 02:02	1
n-Propylbenzene	0.20	U	0.20	0.027	ppb v/v			03/24/15 02:02	1
sec-Butylbenzene	0.20	U	0.20	0.021	ppb v/v			03/24/15 02:02	1
Styrene	0.20	U	0.20	0.016	ppb v/v			03/24/15 02:02	1
tert-Butyl alcohol	5.0	U	5.0	0.12	ppb v/v			03/24/15 02:02	1
tert-Butylbenzene	0.20	U	0.20	0.020	ppb v/v			03/24/15 02:02	1
Tetrachloroethene	0.20	U	0.20	0.030	ppb v/v			03/24/15 02:02	1
Tetrahydrofuran	5.0	U	5.0	0.18	ppb v/v			03/24/15 02:02	1
Toluene	**0.24**		0.20	0.025	ppb v/v			03/24/15 02:02	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.027	ppb v/v			03/24/15 02:02	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.026	ppb v/v			03/24/15 02:02	1
Trichloroethene	0.040	U	0.040	0.030	ppb v/v			03/24/15 02:02	1
Trichlorofluoromethane	**0.26**		0.20	0.045	ppb v/v			03/24/15 02:02	1
Vinyl chloride	0.040	U	0.040	0.026	ppb v/v			03/24/15 02:02	1
Xylene (total)	**0.12**	**J**	0.20	0.041	ppb v/v			03/24/15 02:02	1
Xylene, o-	**0.034**	**J**	0.20	0.018	ppb v/v			03/24/15 02:02	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.16	ug/m3			03/24/15 02:02	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.23	ug/m3			03/24/15 02:02	1
1,1,2-Trichloroethane	1.1	U	1.1	0.20	ug/m3			03/24/15 02:02	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			03/24/15 02:02	1
1,1-Dichloroethene	0.79	U	0.79	0.040	ug/m3			03/24/15 02:02	1
1,2,4-Trichlorobenzene	**0.43**	**J**	3.7	0.25	ug/m3			03/24/15 02:02	1
1,2,4-Trimethylbenzene	**0.078**	**J B**	0.98	0.079	ug/m3			03/24/15 02:02	1
1,2-Dibromoethane	1.5	U	1.5	0.14	ug/m3			03/24/15 02:02	1
1,2-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/24/15 02:02	1
1,2-Dichloroethane	0.81	U	0.81	0.21	ug/m3			03/24/15 02:02	1
1,2-Dichloroethene, Total	0.79	U	0.79	0.21	ug/m3			03/24/15 02:02	1
1,2-Dichloropropane	0.92	U	0.92	0.16	ug/m3			03/24/15 02:02	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.36	ug/m3			03/24/15 02:02	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.093	ug/m3			03/24/15 02:02	1
1,3-Butadiene	0.44	U	0.44	0.080	ug/m3			03/24/15 02:02	1
1,3-Dichlorobenzene	1.2	U	1.2	0.12	ug/m3			03/24/15 02:02	1
1,4-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/24/15 02:02	1
1,4-Dioxane	18	U	18	0.58	ug/m3			03/24/15 02:02	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.11	ug/m3			03/24/15 02:02	1
2-Chlorotoluene	1.0	U	1.0	0.16	ug/m3			03/24/15 02:02	1
3-Chloropropene	1.6	U	1.6	0.50	ug/m3			03/24/15 02:02	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: OUTDOOR
Date Collected: 03/19/15 13:16
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-5
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	0.98	U	0.98	0.098	ug/m3			03/24/15 02:02	1
4-Isopropyltoluene	1.1	U	1.1	0.11	ug/m3			03/24/15 02:02	1
Acetone	**4.1**	**J**	12	1.6	ug/m3			03/24/15 02:02	1
Benzene	**0.52**	**J**	0.64	0.093	ug/m3			03/24/15 02:02	1
Benzyl chloride	1.0	U	1.0	0.093	ug/m3			03/24/15 02:02	1
Bromodichloromethane	1.3	U	1.3	0.19	ug/m3			03/24/15 02:02	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.087	ug/m3			03/24/15 02:02	1
Bromoform	2.1	U	2.1	0.26	ug/m3			03/24/15 02:02	1
Bromomethane	0.78	U	0.78	0.17	ug/m3			03/24/15 02:02	1
Carbon disulfide	1.6	U	1.6	0.093	ug/m3			03/24/15 02:02	1
Carbon tetrachloride	**0.52**		0.25	0.069	ug/m3			03/24/15 02:02	1
Chlorobenzene	0.92	U	0.92	0.083	ug/m3			03/24/15 02:02	1
Chloroethane	1.3	U	1.3	0.16	ug/m3			03/24/15 02:02	1
Chloroform	0.98	U	0.98	0.19	ug/m3			03/24/15 02:02	1
Chloromethane	**1.2**		1.0	0.12	ug/m3			03/24/15 02:02	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.12	ug/m3			03/24/15 02:02	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.13	ug/m3			03/24/15 02:02	1
Cumene	0.98	U	0.98	0.093	ug/m3			03/24/15 02:02	1
Cyclohexane	0.69	U	0.69	0.034	ug/m3			03/24/15 02:02	1
Dibromochloromethane	1.7	U	1.7	0.17	ug/m3			03/24/15 02:02	1
Dichlorodifluoromethane	**2.9**		2.5	0.28	ug/m3			03/24/15 02:02	1
Ethylbenzene	**0.12**	**J**	0.87	0.087	ug/m3			03/24/15 02:02	1
Freon 22	**1.2**	**J**	1.8	0.28	ug/m3			03/24/15 02:02	1
Freon TF	**0.70**	**J**	1.5	0.31	ug/m3			03/24/15 02:02	1
Hexachlorobutadiene	**0.77**	**J**	2.1	0.38	ug/m3			03/24/15 02:02	1
Isopropyl alcohol	**2.7**	**J**	12	0.37	ug/m3			03/24/15 02:02	1
m,p-Xylene	**0.37**	**J B**	2.2	0.11	ug/m3			03/24/15 02:02	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.70	ug/m3			03/24/15 02:02	1
Methyl Ethyl Ketone	1.5	U	1.5	0.27	ug/m3			03/24/15 02:02	1
methyl isobutyl ketone	2.0	U	2.0	0.74	ug/m3			03/24/15 02:02	1
Methyl methacrylate	2.0	U	2.0	0.39	ug/m3			03/24/15 02:02	1
Methyl tert-butyl ether	0.72	U	0.72	0.079	ug/m3			03/24/15 02:02	1
Methylene Chloride	**0.78**	**J**	1.7	0.42	ug/m3			03/24/15 02:02	1
Naphthalene	2.6	U	2.6	0.16	ug/m3			03/24/15 02:02	1
n-Butane	**1.3**		1.2	0.43	ug/m3			03/24/15 02:02	1
n-Butylbenzene	1.1	U	1.1	0.15	ug/m3			03/24/15 02:02	1
n-Heptane	0.82	U	0.82	0.15	ug/m3			03/24/15 02:02	1
n-Hexane	**0.27**	**J**	0.70	0.099	ug/m3			03/24/15 02:02	1
n-Propylbenzene	0.98	U	0.98	0.13	ug/m3			03/24/15 02:02	1
sec-Butylbenzene	1.1	U	1.1	0.12	ug/m3			03/24/15 02:02	1
Styrene	0.85	U	0.85	0.068	ug/m3			03/24/15 02:02	1
tert-Butyl alcohol	15	U	15	0.36	ug/m3			03/24/15 02:02	1
tert-Butylbenzene	1.1	U	1.1	0.11	ug/m3			03/24/15 02:02	1
Tetrachloroethene	1.4	U	1.4	0.20	ug/m3			03/24/15 02:02	1
Tetrahydrofuran	15	U	15	0.53	ug/m3			03/24/15 02:02	1
Toluene	**0.89**		0.75	0.094	ug/m3			03/24/15 02:02	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			03/24/15 02:02	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.12	ug/m3			03/24/15 02:02	1

Client Sample ID: OUTDOOR

Lab Sample ID: 200-27205-5

Date Collected: 03/19/15 13:16

Matrix: Air

Date Received: 03/23/15 09:00

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
Trichloroethene	0.21	U	0.21	0.16	ug/m3			03/24/15 02:02	1
Trichlorofluoromethane	**1.5**		1.1	0.25	ug/m3			03/24/15 02:02	1
Vinyl chloride	0.10	U	0.10	0.066	ug/m3			03/24/15 02:02	1
Xylene (total)	**0.51**	**J**	0.87	0.18	ug/m3			03/24/15 02:02	1
Xylene, o-	**0.15**	**J**	0.87	0.078	ug/m3			03/24/15 02:02	1

Client Sample ID: BLIND DUPLICATE

Lab Sample ID: 200-27205-6

Date Collected: 03/19/15 13:21

Matrix: Air

Date Received: 03/23/15 09:00

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
1,1,1-Trichloroethane	**0.42**		0.20	0.030	ppb v/v			03/25/15 22:08	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.034	ppb v/v			03/25/15 22:08	1
1,1,2-Trichloroethane	0.20	U	0.20	0.037	ppb v/v			03/25/15 22:08	1
1,1-Dichloroethane	0.20	U	0.20	0.028	ppb v/v			03/25/15 22:08	1
1,1-Dichloroethene	0.20	U	0.20	0.010	ppb v/v			03/25/15 22:08	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.034	ppb v/v			03/25/15 22:08	1
1,2,4-Trimethylbenzene	**0.86**		0.20	0.016	ppb v/v			03/25/15 22:08	1
1,2-Dibromoethane	0.20	U	0.20	0.018	ppb v/v			03/25/15 22:08	1
1,2-Dichlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/25/15 22:08	1
1,2-Dichloroethane	0.20	U	0.20	0.052	ppb v/v			03/25/15 22:08	1
1,2-Dichloroethene, Total	0.20	U	0.20	0.053	ppb v/v			03/25/15 22:08	1
1,2-Dichloropropane	0.20	U	0.20	0.035	ppb v/v			03/25/15 22:08	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.052	ppb v/v			03/25/15 22:08	1
1,3,5-Trimethylbenzene	**0.31**		0.20	0.019	ppb v/v			03/25/15 22:08	1
1,3-Butadiene	0.20	U	0.20	0.036	ppb v/v			03/25/15 22:08	1
1,3-Dichlorobenzene	0.20	U	0.20	0.020	ppb v/v			03/25/15 22:08	1
1,4-Dichlorobenzene	0.20	U	0.20	0.019	ppb v/v			03/25/15 22:08	1
1,4-Dioxane	5.0	U	5.0	0.16	ppb v/v			03/25/15 22:08	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.023	ppb v/v			03/25/15 22:08	1
2-Chlorotoluene	0.20	U	0.20	0.031	ppb v/v			03/25/15 22:08	1
3-Chloropropene	0.50	U	0.50	0.16	ppb v/v			03/25/15 22:08	1
4-Ethyltoluene	**0.24**		0.20	0.020	ppb v/v			03/25/15 22:08	1
4-Isopropyltoluene	**0.18**	**J**	0.20	0.020	ppb v/v			03/25/15 22:08	1
Acetone	**8.9**		5.0	0.69	ppb v/v			03/25/15 22:08	1
Benzene	**0.77**		0.20	0.029	ppb v/v			03/25/15 22:08	1
Benzyl chloride	0.20	U	0.20	0.018	ppb v/v			03/25/15 22:08	1
Bromodichloromethane	0.20	U	0.20	0.029	ppb v/v			03/25/15 22:08	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.020	ppb v/v			03/25/15 22:08	1
Bromoform	0.20	U	0.20	0.025	ppb v/v			03/25/15 22:08	1
Bromomethane	0.20	U	0.20	0.044	ppb v/v			03/25/15 22:08	1
Carbon disulfide	**0.36**	**J**	0.50	0.030	ppb v/v			03/25/15 22:08	1
Carbon tetrachloride	**0.037**	**J**	0.040	0.011	ppb v/v			03/25/15 22:08	1
Chlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/25/15 22:08	1
Chloroethane	0.50	U	0.50	0.061	ppb v/v			03/25/15 22:08	1
Chloroform	0.20	U	0.20	0.038	ppb v/v			03/25/15 22:08	1
Chloromethane	0.50	U	0.50	0.060	ppb v/v			03/25/15 22:08	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: BLIND DUPLICATE
Date Collected: 03/19/15 13:21
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-6
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.20	U	0.20	0.030	ppb v/v			03/25/15 22:08	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.029	ppb v/v			03/25/15 22:08	1
Cumene	**0.20**		0.20	0.019	ppb v/v			03/25/15 22:08	1
Cyclohexane	**6.9**		0.20	0.010	ppb v/v			03/25/15 22:08	1
Dibromochloromethane	0.20	U	0.20	0.020	ppb v/v			03/25/15 22:08	1
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.056	ppb v/v			03/25/15 22:08	1
Ethylbenzene	**0.65**		0.20	0.020	ppb v/v			03/25/15 22:08	1
Freon 22	**1.3**		0.50	0.080	ppb v/v			03/25/15 22:08	1
Freon TF	**0.070**	**J**	0.20	0.041	ppb v/v			03/25/15 22:08	1
Hexachlorobutadiene	0.20	U	0.20	0.036	ppb v/v			03/25/15 22:08	1
Isopropyl alcohol	**3.9**	**J**	5.0	0.15	ppb v/v			03/25/15 22:08	1
m,p-Xylene	**2.9**		0.50	0.025	ppb v/v			03/25/15 22:08	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.17	ppb v/v			03/25/15 22:08	1
Methyl Ethyl Ketone	**1.6**		0.50	0.092	ppb v/v			03/25/15 22:08	1
methyl isobutyl ketone	0.50	U	0.50	0.18	ppb v/v			03/25/15 22:08	1
Methyl methacrylate	0.50	U	0.50	0.096	ppb v/v			03/25/15 22:08	1
Methyl tert-butyl ether	0.20	U	0.20	0.022	ppb v/v			03/25/15 22:08	1
Methylene Chloride	**0.30**	**J**	0.50	0.12	ppb v/v			03/25/15 22:08	1
Naphthalene	**0.23**	**J**	0.50	0.030	ppb v/v			03/25/15 22:08	1
n-Butane	**11**		0.50	0.18	ppb v/v			03/25/15 22:08	1
n-Butylbenzene	0.20	U	0.20	0.028	ppb v/v			03/25/15 22:08	1
n-Heptane	**13**		0.20	0.037	ppb v/v			03/25/15 22:08	1
n-Hexane	**14**		0.20	0.028	ppb v/v			03/25/15 22:08	1
n-Propylbenzene	**0.21**		0.20	0.027	ppb v/v			03/25/15 22:08	1
sec-Butylbenzene	0.20	U	0.20	0.021	ppb v/v			03/25/15 22:08	1
Styrene	**1.0**		0.20	0.016	ppb v/v			03/25/15 22:08	1
tert-Butyl alcohol	**3.2**	**J**	5.0	0.12	ppb v/v			03/25/15 22:08	1
tert-Butylbenzene	0.20	U	0.20	0.020	ppb v/v			03/25/15 22:08	1
Tetrachloroethene	**1.9**		0.20	0.030	ppb v/v			03/25/15 22:08	1
Tetrahydrofuran	5.0	U	5.0	0.18	ppb v/v			03/25/15 22:08	1
Toluene	**3.9**		0.20	0.025	ppb v/v			03/25/15 22:08	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.027	ppb v/v			03/25/15 22:08	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.026	ppb v/v			03/25/15 22:08	1
Trichloroethene	0.040	U	0.040	0.030	ppb v/v			03/25/15 22:08	1
Trichlorofluoromethane	**0.21**		0.20	0.045	ppb v/v			03/25/15 22:08	1
Vinyl chloride	0.040	U	0.040	0.026	ppb v/v			03/25/15 22:08	1
Xylene (total)	**4.0**		0.20	0.041	ppb v/v			03/25/15 22:08	1
Xylene, o-	**1.1**		0.20	0.018	ppb v/v			03/25/15 22:08	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.3**		1.1	0.16	ug/m3			03/25/15 22:08	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.23	ug/m3			03/25/15 22:08	1
1,1,2-Trichloroethane	1.1	U	1.1	0.20	ug/m3			03/25/15 22:08	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			03/25/15 22:08	1
1,1-Dichloroethene	0.79	U	0.79	0.040	ug/m3			03/25/15 22:08	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.25	ug/m3			03/25/15 22:08	1
1,2,4-Trimethylbenzene	**4.2**		0.98	0.079	ug/m3			03/25/15 22:08	1
1,2-Dibromoethane	1.5	U	1.5	0.14	ug/m3			03/25/15 22:08	1
1,2-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/25/15 22:08	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: BLIND DUPLICATE
Date Collected: 03/19/15 13:21
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-6
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.81	U	0.81	0.21	ug/m3			03/25/15 22:08	1
1,2-Dichloroethene, Total	0.79	U	0.79	0.21	ug/m3			03/25/15 22:08	1
1,2-Dichloropropane	0.92	U	0.92	0.16	ug/m3			03/25/15 22:08	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.36	ug/m3			03/25/15 22:08	1
1,3,5-Trimethylbenzene	**1.5**		0.98	0.093	ug/m3			03/25/15 22:08	1
1,3-Butadiene	0.44	U	0.44	0.080	ug/m3			03/25/15 22:08	1
1,3-Dichlorobenzene	1.2	U	1.2	0.12	ug/m3			03/25/15 22:08	1
1,4-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/25/15 22:08	1
1,4-Dioxane	18	U	18	0.58	ug/m3			03/25/15 22:08	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.11	ug/m3			03/25/15 22:08	1
2-Chlorotoluene	1.0	U	1.0	0.16	ug/m3			03/25/15 22:08	1
3-Chloropropene	1.6	U	1.6	0.50	ug/m3			03/25/15 22:08	1
4-Ethyltoluene	**1.2**		0.98	0.098	ug/m3			03/25/15 22:08	1
4-Isopropyltoluene	**1.0**	**J**	1.1	0.11	ug/m3			03/25/15 22:08	1
Acetone	**21**		12	1.6	ug/m3			03/25/15 22:08	1
Benzene	**2.4**		0.64	0.093	ug/m3			03/25/15 22:08	1
Benzyl chloride	1.0	U	1.0	0.093	ug/m3			03/25/15 22:08	1
Bromodichloromethane	1.3	U	1.3	0.19	ug/m3			03/25/15 22:08	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.087	ug/m3			03/25/15 22:08	1
Bromoform	2.1	U	2.1	0.26	ug/m3			03/25/15 22:08	1
Bromomethane	0.78	U	0.78	0.17	ug/m3			03/25/15 22:08	1
Carbon disulfide	**1.1**	**J**	1.6	0.093	ug/m3			03/25/15 22:08	1
Carbon tetrachloride	**0.24**	**J**	0.25	0.069	ug/m3			03/25/15 22:08	1
Chlorobenzene	0.92	U	0.92	0.083	ug/m3			03/25/15 22:08	1
Chloroethane	1.3	U	1.3	0.16	ug/m3			03/25/15 22:08	1
Chloroform	0.98	U	0.98	0.19	ug/m3			03/25/15 22:08	1
Chloromethane	1.0	U	1.0	0.12	ug/m3			03/25/15 22:08	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.12	ug/m3			03/25/15 22:08	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.13	ug/m3			03/25/15 22:08	1
Cumene	**0.99**		0.98	0.093	ug/m3			03/25/15 22:08	1
Cyclohexane	**24**		0.69	0.034	ug/m3			03/25/15 22:08	1
Dibromochloromethane	1.7	U	1.7	0.17	ug/m3			03/25/15 22:08	1
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.28	ug/m3			03/25/15 22:08	1
Ethylbenzene	**2.8**		0.87	0.087	ug/m3			03/25/15 22:08	1
Freon 22	**4.6**		1.8	0.28	ug/m3			03/25/15 22:08	1
Freon TF	**0.54**	**J**	1.5	0.31	ug/m3			03/25/15 22:08	1
Hexachlorobutadiene	2.1	U	2.1	0.38	ug/m3			03/25/15 22:08	1
Isopropyl alcohol	**9.7**	**J**	12	0.37	ug/m3			03/25/15 22:08	1
m,p-Xylene	**13**		2.2	0.11	ug/m3			03/25/15 22:08	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.70	ug/m3			03/25/15 22:08	1
Methyl Ethyl Ketone	**4.8**		1.5	0.27	ug/m3			03/25/15 22:08	1
methyl isobutyl ketone	2.0	U	2.0	0.74	ug/m3			03/25/15 22:08	1
Methyl methacrylate	2.0	U	2.0	0.39	ug/m3			03/25/15 22:08	1
Methyl tert-butyl ether	0.72	U	0.72	0.079	ug/m3			03/25/15 22:08	1
Methylene Chloride	**1.0**	**J**	1.7	0.42	ug/m3			03/25/15 22:08	1
Naphthalene	**1.2**	**J**	2.6	0.16	ug/m3			03/25/15 22:08	1
n-Butane	**26**		1.2	0.43	ug/m3			03/25/15 22:08	1
n-Butylbenzene	1.1	U	1.1	0.15	ug/m3			03/25/15 22:08	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: BLIND DUPLICATE
Date Collected: 03/19/15 13:21
Date Received: 03/23/15 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-27205-6
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Heptane	52		0.82	0.15	ug/m3			03/25/15 22:08	1
n-Hexane	48		0.70	0.099	ug/m3			03/25/15 22:08	1
n-Propylbenzene	1.0		0.98	0.13	ug/m3			03/25/15 22:08	1
sec-Butylbenzene	1.1	U	1.1	0.12	ug/m3			03/25/15 22:08	1
Styrene	4.4		0.85	0.068	ug/m3			03/25/15 22:08	1
tert-Butyl alcohol	9.8	J	15	0.36	ug/m3			03/25/15 22:08	1
tert-Butylbenzene	1.1	U	1.1	0.11	ug/m3			03/25/15 22:08	1
Tetrachloroethene	13		1.4	0.20	ug/m3			03/25/15 22:08	1
Tetrahydrofuran	15	U	15	0.53	ug/m3			03/25/15 22:08	1
Toluene	15		0.75	0.094	ug/m3			03/25/15 22:08	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			03/25/15 22:08	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.12	ug/m3			03/25/15 22:08	1
Trichloroethene	0.21	U	0.21	0.16	ug/m3			03/25/15 22:08	1
Trichlorofluoromethane	1.2		1.1	0.25	ug/m3			03/25/15 22:08	1
Vinyl chloride	0.10	U	0.10	0.066	ug/m3			03/25/15 22:08	1
Xylene (total)	17		0.87	0.18	ug/m3			03/25/15 22:08	1
Xylene, o-	4.7		0.87	0.078	ug/m3			03/25/15 22:08	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

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

Lab Sample ID: MB 200-85896/6
Matrix: Air
Analysis Batch: 85896

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.030	ppb v/v			03/23/15 14:20	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.034	ppb v/v			03/23/15 14:20	1
1,1,2-Trichloroethane	0.20	U	0.20	0.037	ppb v/v			03/23/15 14:20	1
1,1-Dichloroethane	0.20	U	0.20	0.028	ppb v/v			03/23/15 14:20	1
1,1-Dichloroethene	0.20	U	0.20	0.010	ppb v/v			03/23/15 14:20	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.034	ppb v/v			03/23/15 14:20	1
1,2,4-Trimethylbenzene	0.0178	J	0.20	0.016	ppb v/v			03/23/15 14:20	1
1,2-Dibromoethane	0.20	U	0.20	0.018	ppb v/v			03/23/15 14:20	1
1,2-Dichlorobenzene	0.0253	J	0.20	0.018	ppb v/v			03/23/15 14:20	1
1,2-Dichloroethane	0.20	U	0.20	0.052	ppb v/v			03/23/15 14:20	1
1,2-Dichloroethene, Total	0.20	U	0.20	0.053	ppb v/v			03/23/15 14:20	1
1,2-Dichloropropane	0.20	U	0.20	0.035	ppb v/v			03/23/15 14:20	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.052	ppb v/v			03/23/15 14:20	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.019	ppb v/v			03/23/15 14:20	1
1,3-Butadiene	0.20	U	0.20	0.036	ppb v/v			03/23/15 14:20	1
1,3-Dichlorobenzene	0.0333	J	0.20	0.020	ppb v/v			03/23/15 14:20	1
1,4-Dichlorobenzene	0.0321	J	0.20	0.019	ppb v/v			03/23/15 14:20	1
1,4-Dioxane	5.0	U	5.0	0.16	ppb v/v			03/23/15 14:20	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.023	ppb v/v			03/23/15 14:20	1
2-Chlorotoluene	0.20	U	0.20	0.031	ppb v/v			03/23/15 14:20	1
3-Chloropropene	0.50	U	0.50	0.16	ppb v/v			03/23/15 14:20	1
4-Ethyltoluene	0.20	U	0.20	0.020	ppb v/v			03/23/15 14:20	1
4-Isopropyltoluene	0.20	U	0.20	0.020	ppb v/v			03/23/15 14:20	1
Acetone	5.0	U	5.0	0.69	ppb v/v			03/23/15 14:20	1
Benzene	0.20	U	0.20	0.029	ppb v/v			03/23/15 14:20	1
Benzyl chloride	0.20	U	0.20	0.018	ppb v/v			03/23/15 14:20	1
Bromodichloromethane	0.20	U	0.20	0.029	ppb v/v			03/23/15 14:20	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.020	ppb v/v			03/23/15 14:20	1
Bromoform	0.20	U	0.20	0.025	ppb v/v			03/23/15 14:20	1
Bromomethane	0.20	U	0.20	0.044	ppb v/v			03/23/15 14:20	1
Carbon disulfide	0.50	U	0.50	0.030	ppb v/v			03/23/15 14:20	1
Carbon tetrachloride	0.040	U	0.040	0.011	ppb v/v			03/23/15 14:20	1
Chlorobenzene	0.0183	J	0.20	0.018	ppb v/v			03/23/15 14:20	1
Chloroethane	0.50	U	0.50	0.061	ppb v/v			03/23/15 14:20	1
Chloroform	0.20	U	0.20	0.038	ppb v/v			03/23/15 14:20	1
Chloromethane	0.50	U	0.50	0.060	ppb v/v			03/23/15 14:20	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.030	ppb v/v			03/23/15 14:20	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.029	ppb v/v			03/23/15 14:20	1
Cumene	0.20	U	0.20	0.019	ppb v/v			03/23/15 14:20	1
Cyclohexane	0.20	U	0.20	0.010	ppb v/v			03/23/15 14:20	1
Dibromochloromethane	0.20	U	0.20	0.020	ppb v/v			03/23/15 14:20	1
Dichlorodifluoromethane	0.50	U	0.50	0.056	ppb v/v			03/23/15 14:20	1
Ethylbenzene	0.20	U	0.20	0.020	ppb v/v			03/23/15 14:20	1
Freon 22	0.50	U	0.50	0.080	ppb v/v			03/23/15 14:20	1
Freon TF	0.20	U	0.20	0.041	ppb v/v			03/23/15 14:20	1
Hexachlorobutadiene	0.20	U	0.20	0.036	ppb v/v			03/23/15 14:20	1
Isopropyl alcohol	5.0	U	5.0	0.15	ppb v/v			03/23/15 14:20	1
m,p-Xylene	0.0308	J	0.50	0.025	ppb v/v			03/23/15 14:20	1

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

Lab Sample ID: MB 200-85896/6
Matrix: Air
Analysis Batch: 85896

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.17	ppb v/v			03/23/15 14:20	1
Methyl Ethyl Ketone	0.50	U	0.50	0.092	ppb v/v			03/23/15 14:20	1
methyl isobutyl ketone	0.50	U	0.50	0.18	ppb v/v			03/23/15 14:20	1
Methyl methacrylate	0.50	U	0.50	0.096	ppb v/v			03/23/15 14:20	1
Methyl tert-butyl ether	0.20	U	0.20	0.022	ppb v/v			03/23/15 14:20	1
Methylene Chloride	0.50	U	0.50	0.12	ppb v/v			03/23/15 14:20	1
Naphthalene	0.50	U	0.50	0.030	ppb v/v			03/23/15 14:20	1
n-Butane	0.50	U	0.50	0.18	ppb v/v			03/23/15 14:20	1
n-Butylbenzene	0.20	U	0.20	0.028	ppb v/v			03/23/15 14:20	1
n-Heptane	0.20	U	0.20	0.037	ppb v/v			03/23/15 14:20	1
n-Hexane	0.20	U	0.20	0.028	ppb v/v			03/23/15 14:20	1
n-Propylbenzene	0.20	U	0.20	0.027	ppb v/v			03/23/15 14:20	1
sec-Butylbenzene	0.20	U	0.20	0.021	ppb v/v			03/23/15 14:20	1
Styrene	0.20	U	0.20	0.016	ppb v/v			03/23/15 14:20	1
tert-Butyl alcohol	5.0	U	5.0	0.12	ppb v/v			03/23/15 14:20	1
tert-Butylbenzene	0.20	U	0.20	0.020	ppb v/v			03/23/15 14:20	1
Tetrachloroethene	0.20	U	0.20	0.030	ppb v/v			03/23/15 14:20	1
Tetrahydrofuran	5.0	U	5.0	0.18	ppb v/v			03/23/15 14:20	1
Toluene	0.20	U	0.20	0.025	ppb v/v			03/23/15 14:20	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.027	ppb v/v			03/23/15 14:20	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.026	ppb v/v			03/23/15 14:20	1
Trichloroethene	0.040	U	0.040	0.030	ppb v/v			03/23/15 14:20	1
Trichlorofluoromethane	0.20	U	0.20	0.045	ppb v/v			03/23/15 14:20	1
Vinyl chloride	0.040	U	0.040	0.026	ppb v/v			03/23/15 14:20	1
Xylene (total)	0.20	U	0.20	0.041	ppb v/v			03/23/15 14:20	1
Xylene, o-	0.20	U	0.20	0.018	ppb v/v			03/23/15 14:20	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.16	ug/m3			03/23/15 14:20	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.23	ug/m3			03/23/15 14:20	1
1,1,2-Trichloroethane	1.1	U	1.1	0.20	ug/m3			03/23/15 14:20	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			03/23/15 14:20	1
1,1-Dichloroethene	0.79	U	0.79	0.040	ug/m3			03/23/15 14:20	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.25	ug/m3			03/23/15 14:20	1
1,2,4-Trimethylbenzene	0.0876	J	0.98	0.079	ug/m3			03/23/15 14:20	1
1,2-Dibromoethane	1.5	U	1.5	0.14	ug/m3			03/23/15 14:20	1
1,2-Dichlorobenzene	0.152	J	1.2	0.11	ug/m3			03/23/15 14:20	1
1,2-Dichloroethane	0.81	U	0.81	0.21	ug/m3			03/23/15 14:20	1
1,2-Dichloroethene, Total	0.79	U	0.79	0.21	ug/m3			03/23/15 14:20	1
1,2-Dichloropropane	0.92	U	0.92	0.16	ug/m3			03/23/15 14:20	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.36	ug/m3			03/23/15 14:20	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.093	ug/m3			03/23/15 14:20	1
1,3-Butadiene	0.44	U	0.44	0.080	ug/m3			03/23/15 14:20	1
1,3-Dichlorobenzene	0.200	J	1.2	0.12	ug/m3			03/23/15 14:20	1
1,4-Dichlorobenzene	0.193	J	1.2	0.11	ug/m3			03/23/15 14:20	1
1,4-Dioxane	18	U	18	0.58	ug/m3			03/23/15 14:20	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.11	ug/m3			03/23/15 14:20	1
2-Chlorotoluene	1.0	U	1.0	0.16	ug/m3			03/23/15 14:20	1

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

Lab Sample ID: MB 200-85896/6
Matrix: Air
Analysis Batch: 85896

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Chloropropene	1.6	U	1.6	0.50	ug/m3			03/23/15 14:20	1
4-Ethyltoluene	0.98	U	0.98	0.098	ug/m3			03/23/15 14:20	1
4-Isopropyltoluene	1.1	U	1.1	0.11	ug/m3			03/23/15 14:20	1
Acetone	12	U	12	1.6	ug/m3			03/23/15 14:20	1
Benzene	0.64	U	0.64	0.093	ug/m3			03/23/15 14:20	1
Benzyl chloride	1.0	U	1.0	0.093	ug/m3			03/23/15 14:20	1
Bromodichloromethane	1.3	U	1.3	0.19	ug/m3			03/23/15 14:20	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.087	ug/m3			03/23/15 14:20	1
Bromoform	2.1	U	2.1	0.26	ug/m3			03/23/15 14:20	1
Bromomethane	0.78	U	0.78	0.17	ug/m3			03/23/15 14:20	1
Carbon disulfide	1.6	U	1.6	0.093	ug/m3			03/23/15 14:20	1
Carbon tetrachloride	0.25	U	0.25	0.069	ug/m3			03/23/15 14:20	1
Chlorobenzene	0.0843	J	0.92	0.083	ug/m3			03/23/15 14:20	1
Chloroethane	1.3	U	1.3	0.16	ug/m3			03/23/15 14:20	1
Chloroform	0.98	U	0.98	0.19	ug/m3			03/23/15 14:20	1
Chloromethane	1.0	U	1.0	0.12	ug/m3			03/23/15 14:20	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.12	ug/m3			03/23/15 14:20	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.13	ug/m3			03/23/15 14:20	1
Cumene	0.98	U	0.98	0.093	ug/m3			03/23/15 14:20	1
Cyclohexane	0.69	U	0.69	0.034	ug/m3			03/23/15 14:20	1
Dibromochloromethane	1.7	U	1.7	0.17	ug/m3			03/23/15 14:20	1
Dichlorodifluoromethane	2.5	U	2.5	0.28	ug/m3			03/23/15 14:20	1
Ethylbenzene	0.87	U	0.87	0.087	ug/m3			03/23/15 14:20	1
Freon 22	1.8	U	1.8	0.28	ug/m3			03/23/15 14:20	1
Freon TF	1.5	U	1.5	0.31	ug/m3			03/23/15 14:20	1
Hexachlorobutadiene	2.1	U	2.1	0.38	ug/m3			03/23/15 14:20	1
Isopropyl alcohol	12	U	12	0.37	ug/m3			03/23/15 14:20	1
m,p-Xylene	0.134	J	2.2	0.11	ug/m3			03/23/15 14:20	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.70	ug/m3			03/23/15 14:20	1
Methyl Ethyl Ketone	1.5	U	1.5	0.27	ug/m3			03/23/15 14:20	1
methyl isobutyl ketone	2.0	U	2.0	0.74	ug/m3			03/23/15 14:20	1
Methyl methacrylate	2.0	U	2.0	0.39	ug/m3			03/23/15 14:20	1
Methyl tert-butyl ether	0.72	U	0.72	0.079	ug/m3			03/23/15 14:20	1
Methylene Chloride	1.7	U	1.7	0.42	ug/m3			03/23/15 14:20	1
Naphthalene	2.6	U	2.6	0.16	ug/m3			03/23/15 14:20	1
n-Butane	1.2	U	1.2	0.43	ug/m3			03/23/15 14:20	1
n-Butylbenzene	1.1	U	1.1	0.15	ug/m3			03/23/15 14:20	1
n-Heptane	0.82	U	0.82	0.15	ug/m3			03/23/15 14:20	1
n-Hexane	0.70	U	0.70	0.099	ug/m3			03/23/15 14:20	1
n-Propylbenzene	0.98	U	0.98	0.13	ug/m3			03/23/15 14:20	1
sec-Butylbenzene	1.1	U	1.1	0.12	ug/m3			03/23/15 14:20	1
Styrene	0.85	U	0.85	0.068	ug/m3			03/23/15 14:20	1
tert-Butyl alcohol	15	U	15	0.36	ug/m3			03/23/15 14:20	1
tert-Butylbenzene	1.1	U	1.1	0.11	ug/m3			03/23/15 14:20	1
Tetrachloroethene	1.4	U	1.4	0.20	ug/m3			03/23/15 14:20	1
Tetrahydrofuran	15	U	15	0.53	ug/m3			03/23/15 14:20	1
Toluene	0.75	U	0.75	0.094	ug/m3			03/23/15 14:20	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			03/23/15 14:20	1

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

Lab Sample ID: MB 200-85896/6
Matrix: Air
Analysis Batch: 85896

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.91	U	0.91	0.12	ug/m3			03/23/15 14:20	1
Trichloroethene	0.21	U	0.21	0.16	ug/m3			03/23/15 14:20	1
Trichlorofluoromethane	1.1	U	1.1	0.25	ug/m3			03/23/15 14:20	1
Vinyl chloride	0.10	U	0.10	0.066	ug/m3			03/23/15 14:20	1
Xylene (total)	0.87	U	0.87	0.18	ug/m3			03/23/15 14:20	1
Xylene, o-	0.87	U	0.87	0.078	ug/m3			03/23/15 14:20	1

Lab Sample ID: LCS 200-85896/5
Matrix: Air
Analysis Batch: 85896

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.53		ppb v/v		105	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.11		ppb v/v		101	70 - 130
1,1,2-Trichloroethane	10.0	9.675		ppb v/v		97	70 - 130
1,1-Dichloroethane	10.0	10.10		ppb v/v		101	70 - 130
1,1-Dichloroethene	10.0	10.05		ppb v/v		100	70 - 130
1,2,4-Trichlorobenzene	10.0	11.28		ppb v/v		113	70 - 130
1,2,4-Trimethylbenzene	10.0	10.71		ppb v/v		107	70 - 130
1,2-Dibromoethane	10.0	10.13		ppb v/v		101	70 - 130
1,2-Dichlorobenzene	10.0	10.68		ppb v/v		107	70 - 130
1,2-Dichloroethane	10.0	10.41		ppb v/v		104	70 - 130
1,2-Dichloropropane	10.0	9.291		ppb v/v		93	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	11.50		ppb v/v		115	70 - 130
1,3,5-Trimethylbenzene	10.0	10.46		ppb v/v		105	70 - 130
1,3-Butadiene	10.0	9.905		ppb v/v		99	70 - 130
1,3-Dichlorobenzene	10.0	10.75		ppb v/v		108	70 - 130
1,4-Dichlorobenzene	10.0	10.82		ppb v/v		108	70 - 130
1,4-Dioxane	10.0	9.134		ppb v/v		91	70 - 130
2,2,4-Trimethylpentane	10.0	9.560		ppb v/v		96	70 - 130
2-Chlorotoluene	10.0	10.31		ppb v/v		103	70 - 130
3-Chloropropene	10.0	8.890		ppb v/v		89	70 - 130
4-Ethyltoluene	10.0	10.71		ppb v/v		107	70 - 130
4-Isopropyltoluene	10.0	10.66		ppb v/v		107	70 - 130
Acetone	10.0	9.656		ppb v/v		97	70 - 130
Benzene	10.0	9.496		ppb v/v		95	70 - 130
Benzyl chloride	10.0	10.73		ppb v/v		107	70 - 130
Bromodichloromethane	10.0	10.14		ppb v/v		101	70 - 130
Bromoethene(Vinyl Bromide)	10.0	10.07		ppb v/v		101	70 - 130
Bromoform	10.0	10.46		ppb v/v		105	70 - 130
Bromomethane	10.0	10.03		ppb v/v		100	70 - 130
Carbon disulfide	10.0	11.33		ppb v/v		113	70 - 130
Carbon tetrachloride	10.0	10.68		ppb v/v		107	70 - 130
Chlorobenzene	10.0	9.966		ppb v/v		100	70 - 130
Chloroethane	10.0	9.857		ppb v/v		99	70 - 130
Chloroform	10.0	10.13		ppb v/v		101	70 - 130
Chloromethane	10.0	8.756		ppb v/v		88	70 - 130
cis-1,2-Dichloroethene	10.0	9.381		ppb v/v		94	70 - 130

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

Lab Sample ID: LCS 200-85896/5
Matrix: Air
Analysis Batch: 85896

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	10.0	10.21		ppb v/v		102	70 - 130
Cumene	10.0	10.26		ppb v/v		103	70 - 130
Cyclohexane	10.0	9.978		ppb v/v		100	70 - 130
Dibromochloromethane	10.0	10.04		ppb v/v		100	70 - 130
Dichlorodifluoromethane	10.0	10.81		ppb v/v		108	70 - 130
Ethylbenzene	10.0	9.936		ppb v/v		99	70 - 130
Freon 22	10.0	10.42		ppb v/v		104	70 - 130
Freon TF	10.0	10.49		ppb v/v		105	70 - 130
Hexachlorobutadiene	10.0	11.33		ppb v/v		113	70 - 130
Isopropyl alcohol	10.0	9.416		ppb v/v		94	70 - 130
m,p-Xylene	20.0	19.89		ppb v/v		99	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10.0	9.820		ppb v/v		98	70 - 130
Methyl Ethyl Ketone	10.0	9.182		ppb v/v		92	70 - 130
methyl isobutyl ketone	10.0	9.913		ppb v/v		99	70 - 130
Methyl methacrylate	10.0	10.02		ppb v/v		100	70 - 130
Methyl tert-butyl ether	10.0	10.52		ppb v/v		105	70 - 130
Methylene Chloride	10.0	9.817		ppb v/v		98	70 - 130
Naphthalene	10.0	11.70		ppb v/v		117	70 - 130
n-Butane	10.0	10.09		ppb v/v		101	70 - 130
n-Butylbenzene	10.0	10.81		ppb v/v		108	70 - 130
n-Heptane	10.0	9.621		ppb v/v		96	70 - 130
n-Hexane	10.0	10.54		ppb v/v		105	70 - 130
n-Propylbenzene	10.0	10.42		ppb v/v		104	70 - 130
sec-Butylbenzene	10.0	10.53		ppb v/v		105	70 - 130
Styrene	10.0	10.27		ppb v/v		103	70 - 130
tert-Butyl alcohol	10.0	10.01		ppb v/v		100	70 - 130
tert-Butylbenzene	10.0	10.41		ppb v/v		104	70 - 130
Tetrachloroethene	10.0	9.709		ppb v/v		97	70 - 130
Tetrahydrofuran	10.0	9.883		ppb v/v		99	70 - 130
Toluene	10.0	9.597		ppb v/v		96	70 - 130
trans-1,2-Dichloroethene	10.0	10.83		ppb v/v		108	70 - 130
trans-1,3-Dichloropropene	10.0	10.53		ppb v/v		105	70 - 130
Trichloroethene	10.0	9.970		ppb v/v		100	70 - 130
Trichlorofluoromethane	10.0	11.00		ppb v/v		110	70 - 130
Vinyl chloride	10.0	10.16		ppb v/v		102	70 - 130
Xylene, o-	10.0	9.909		ppb v/v		99	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	54.6	57.45		ug/m3		105	70 - 130
1,1,2,2-Tetrachloroethane	68.6	69.41		ug/m3		101	70 - 130
1,1,2-Trichloroethane	54.6	52.79		ug/m3		97	70 - 130
1,1-Dichloroethane	40.5	40.88		ug/m3		101	70 - 130
1,1-Dichloroethene	39.6	39.83		ug/m3		100	70 - 130
1,2,4-Trichlorobenzene	74.2	83.70		ug/m3		113	70 - 130
1,2,4-Trimethylbenzene	49.2	52.65		ug/m3		107	70 - 130
1,2-Dibromoethane	76.8	77.85		ug/m3		101	70 - 130
1,2-Dichlorobenzene	60.1	64.22		ug/m3		107	70 - 130

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

Lab Sample ID: LCS 200-85896/5
Matrix: Air
Analysis Batch: 85896

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	40.5	42.13		ug/m3		104	70 - 130
1,2-Dichloropropane	46.2	42.94		ug/m3		93	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	80.38		ug/m3		115	70 - 130
1,3,5-Trimethylbenzene	49.2	51.40		ug/m3		105	70 - 130
1,3-Butadiene	22.1	21.91		ug/m3		99	70 - 130
1,3-Dichlorobenzene	60.1	64.66		ug/m3		108	70 - 130
1,4-Dichlorobenzene	60.1	65.08		ug/m3		108	70 - 130
1,4-Dioxane	36.0	32.92		ug/m3		91	70 - 130
2,2,4-Trimethylpentane	46.7	44.66		ug/m3		96	70 - 130
2-Chlorotoluene	51.8	53.37		ug/m3		103	70 - 130
3-Chloropropene	31.3	27.83		ug/m3		89	70 - 130
4-Ethyltoluene	49.2	52.66		ug/m3		107	70 - 130
4-Isopropyltoluene	54.9	58.54		ug/m3		107	70 - 130
Acetone	23.7	22.94		ug/m3		97	70 - 130
Benzene	31.9	30.34		ug/m3		95	70 - 130
Benzyl chloride	51.8	55.53		ug/m3		107	70 - 130
Bromodichloromethane	67.0	67.95		ug/m3		101	70 - 130
Bromoethene(Vinyl Bromide)	43.7	44.03		ug/m3		101	70 - 130
Bromoform	103	108.2		ug/m3		105	70 - 130
Bromomethane	38.8	38.97		ug/m3		100	70 - 130
Carbon disulfide	31.1	35.29		ug/m3		113	70 - 130
Carbon tetrachloride	62.9	67.20		ug/m3		107	70 - 130
Chlorobenzene	46.0	45.88		ug/m3		100	70 - 130
Chloroethane	26.4	26.01		ug/m3		99	70 - 130
Chloroform	48.8	49.45		ug/m3		101	70 - 130
Chloromethane	20.6	18.08		ug/m3		88	70 - 130
cis-1,2-Dichloroethene	39.6	37.19		ug/m3		94	70 - 130
cis-1,3-Dichloropropene	45.4	46.33		ug/m3		102	70 - 130
Cumene	49.1	50.42		ug/m3		103	70 - 130
Cyclohexane	34.4	34.34		ug/m3		100	70 - 130
Dibromochloromethane	85.2	85.52		ug/m3		100	70 - 130
Dichlorodifluoromethane	49.4	53.48		ug/m3		108	70 - 130
Ethylbenzene	43.4	43.15		ug/m3		99	70 - 130
Freon 22	35.4	36.86		ug/m3		104	70 - 130
Freon TF	76.6	80.36		ug/m3		105	70 - 130
Hexachlorobutadiene	107	120.9		ug/m3		113	70 - 130
Isopropyl alcohol	24.6	23.14		ug/m3		94	70 - 130
m,p-Xylene	86.8	86.38		ug/m3		99	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	40.24		ug/m3		98	70 - 130
Methyl Ethyl Ketone	29.5	27.08		ug/m3		92	70 - 130
methyl isobutyl ketone	41.0	40.61		ug/m3		99	70 - 130
Methyl methacrylate	40.9	41.03		ug/m3		100	70 - 130
Methyl tert-butyl ether	36.0	37.91		ug/m3		105	70 - 130
Methylene Chloride	34.7	34.10		ug/m3		98	70 - 130
Naphthalene	52.4	61.34		ug/m3		117	70 - 130
n-Butane	23.8	23.98		ug/m3		101	70 - 130
n-Butylbenzene	54.9	59.32		ug/m3		108	70 - 130

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

Lab Sample ID: LCS 200-85896/5
Matrix: Air
Analysis Batch: 85896

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Heptane	41.0	39.43		ug/m3		96	70 - 130
n-Hexane	35.2	37.14		ug/m3		105	70 - 130
n-Propylbenzene	49.1	51.20		ug/m3		104	70 - 130
sec-Butylbenzene	54.9	57.82		ug/m3		105	70 - 130
Styrene	42.6	43.74		ug/m3		103	70 - 130
tert-Butyl alcohol	30.3	30.36		ug/m3		100	70 - 130
tert-Butylbenzene	54.9	57.13		ug/m3		104	70 - 130
Tetrachloroethene	67.8	65.85		ug/m3		97	70 - 130
Tetrahydrofuran	29.5	29.15		ug/m3		99	70 - 130
Toluene	37.7	36.17		ug/m3		96	70 - 130
trans-1,2-Dichloroethene	39.6	42.94		ug/m3		108	70 - 130
trans-1,3-Dichloropropene	45.4	47.80		ug/m3		105	70 - 130
Trichloroethene	53.7	53.58		ug/m3		100	70 - 130
Trichlorofluoromethane	56.2	61.81		ug/m3		110	70 - 130
Vinyl chloride	25.6	25.98		ug/m3		102	70 - 130
Xylene, o-	43.4	43.03		ug/m3		99	70 - 130

Lab Sample ID: MB 200-86024/4
Matrix: Air
Analysis Batch: 86024

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.030	ppb v/v			03/25/15 11:25	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.034	ppb v/v			03/25/15 11:25	1
1,1,2-Trichloroethane	0.20	U	0.20	0.037	ppb v/v			03/25/15 11:25	1
1,1-Dichloroethane	0.20	U	0.20	0.028	ppb v/v			03/25/15 11:25	1
1,1-Dichloroethene	0.20	U	0.20	0.010	ppb v/v			03/25/15 11:25	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.034	ppb v/v			03/25/15 11:25	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.016	ppb v/v			03/25/15 11:25	1
1,2-Dibromoethane	0.20	U	0.20	0.018	ppb v/v			03/25/15 11:25	1
1,2-Dichlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/25/15 11:25	1
1,2-Dichloroethane	0.20	U	0.20	0.052	ppb v/v			03/25/15 11:25	1
1,2-Dichloroethene, Total	0.20	U	0.20	0.053	ppb v/v			03/25/15 11:25	1
1,2-Dichloropropane	0.20	U	0.20	0.035	ppb v/v			03/25/15 11:25	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.052	ppb v/v			03/25/15 11:25	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.019	ppb v/v			03/25/15 11:25	1
1,3-Butadiene	0.20	U	0.20	0.036	ppb v/v			03/25/15 11:25	1
1,3-Dichlorobenzene	0.20	U	0.20	0.020	ppb v/v			03/25/15 11:25	1
1,4-Dichlorobenzene	0.20	U	0.20	0.019	ppb v/v			03/25/15 11:25	1
1,4-Dioxane	5.0	U	5.0	0.16	ppb v/v			03/25/15 11:25	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.023	ppb v/v			03/25/15 11:25	1
2-Chlorotoluene	0.20	U	0.20	0.031	ppb v/v			03/25/15 11:25	1
3-Chloropropene	0.50	U	0.50	0.16	ppb v/v			03/25/15 11:25	1
4-Ethyltoluene	0.20	U	0.20	0.020	ppb v/v			03/25/15 11:25	1
4-Isopropyltoluene	0.20	U	0.20	0.020	ppb v/v			03/25/15 11:25	1
Acetone	5.0	U	5.0	0.69	ppb v/v			03/25/15 11:25	1
Benzene	0.20	U	0.20	0.029	ppb v/v			03/25/15 11:25	1
Benzyl chloride	0.20	U	0.20	0.018	ppb v/v			03/25/15 11:25	1

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

Lab Sample ID: MB 200-86024/4
Matrix: Air
Analysis Batch: 86024

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.20	U	0.20	0.029	ppb v/v			03/25/15 11:25	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.020	ppb v/v			03/25/15 11:25	1
Bromoform	0.20	U	0.20	0.025	ppb v/v			03/25/15 11:25	1
Bromomethane	0.20	U	0.20	0.044	ppb v/v			03/25/15 11:25	1
Carbon disulfide	0.50	U	0.50	0.030	ppb v/v			03/25/15 11:25	1
Carbon tetrachloride	0.040	U	0.040	0.011	ppb v/v			03/25/15 11:25	1
Chlorobenzene	0.20	U	0.20	0.018	ppb v/v			03/25/15 11:25	1
Chloroethane	0.50	U	0.50	0.061	ppb v/v			03/25/15 11:25	1
Chloroform	0.20	U	0.20	0.038	ppb v/v			03/25/15 11:25	1
Chloromethane	0.50	U	0.50	0.060	ppb v/v			03/25/15 11:25	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.030	ppb v/v			03/25/15 11:25	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.029	ppb v/v			03/25/15 11:25	1
Cumene	0.20	U	0.20	0.019	ppb v/v			03/25/15 11:25	1
Cyclohexane	0.20	U	0.20	0.010	ppb v/v			03/25/15 11:25	1
Dibromochloromethane	0.20	U	0.20	0.020	ppb v/v			03/25/15 11:25	1
Dichlorodifluoromethane	0.50	U	0.50	0.056	ppb v/v			03/25/15 11:25	1
Ethylbenzene	0.20	U	0.20	0.020	ppb v/v			03/25/15 11:25	1
Freon 22	0.50	U	0.50	0.080	ppb v/v			03/25/15 11:25	1
Freon TF	0.20	U	0.20	0.041	ppb v/v			03/25/15 11:25	1
Hexachlorobutadiene	0.20	U	0.20	0.036	ppb v/v			03/25/15 11:25	1
Isopropyl alcohol	5.0	U	5.0	0.15	ppb v/v			03/25/15 11:25	1
m,p-Xylene	0.50	U	0.50	0.025	ppb v/v			03/25/15 11:25	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.17	ppb v/v			03/25/15 11:25	1
Methyl Ethyl Ketone	0.50	U	0.50	0.092	ppb v/v			03/25/15 11:25	1
methyl isobutyl ketone	0.50	U	0.50	0.18	ppb v/v			03/25/15 11:25	1
Methyl methacrylate	0.50	U	0.50	0.096	ppb v/v			03/25/15 11:25	1
Methyl tert-butyl ether	0.20	U	0.20	0.022	ppb v/v			03/25/15 11:25	1
Methylene Chloride	0.50	U	0.50	0.12	ppb v/v			03/25/15 11:25	1
Naphthalene	0.50	U	0.50	0.030	ppb v/v			03/25/15 11:25	1
n-Butane	0.50	U	0.50	0.18	ppb v/v			03/25/15 11:25	1
n-Butylbenzene	0.20	U	0.20	0.028	ppb v/v			03/25/15 11:25	1
n-Heptane	0.20	U	0.20	0.037	ppb v/v			03/25/15 11:25	1
n-Hexane	0.20	U	0.20	0.028	ppb v/v			03/25/15 11:25	1
n-Propylbenzene	0.20	U	0.20	0.027	ppb v/v			03/25/15 11:25	1
sec-Butylbenzene	0.20	U	0.20	0.021	ppb v/v			03/25/15 11:25	1
Styrene	0.20	U	0.20	0.016	ppb v/v			03/25/15 11:25	1
tert-Butyl alcohol	5.0	U	5.0	0.12	ppb v/v			03/25/15 11:25	1
tert-Butylbenzene	0.20	U	0.20	0.020	ppb v/v			03/25/15 11:25	1
Tetrachloroethene	0.20	U	0.20	0.030	ppb v/v			03/25/15 11:25	1
Tetrahydrofuran	5.0	U	5.0	0.18	ppb v/v			03/25/15 11:25	1
Toluene	0.20	U	0.20	0.025	ppb v/v			03/25/15 11:25	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.027	ppb v/v			03/25/15 11:25	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.026	ppb v/v			03/25/15 11:25	1
Trichloroethene	0.040	U	0.040	0.030	ppb v/v			03/25/15 11:25	1
Trichlorofluoromethane	0.20	U	0.20	0.045	ppb v/v			03/25/15 11:25	1
Vinyl chloride	0.040	U	0.040	0.026	ppb v/v			03/25/15 11:25	1
Xylene (total)	0.20	U	0.20	0.041	ppb v/v			03/25/15 11:25	1
Xylene, o-	0.20	U	0.20	0.018	ppb v/v			03/25/15 11:25	1

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

Lab Sample ID: MB 200-86024/4
Matrix: Air
Analysis Batch: 86024

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.16	ug/m3			03/25/15 11:25	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.23	ug/m3			03/25/15 11:25	1
1,1,2-Trichloroethane	1.1	U	1.1	0.20	ug/m3			03/25/15 11:25	1
1,1-Dichloroethane	0.81	U	0.81	0.11	ug/m3			03/25/15 11:25	1
1,1-Dichloroethene	0.79	U	0.79	0.040	ug/m3			03/25/15 11:25	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.25	ug/m3			03/25/15 11:25	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.079	ug/m3			03/25/15 11:25	1
1,2-Dibromoethane	1.5	U	1.5	0.14	ug/m3			03/25/15 11:25	1
1,2-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/25/15 11:25	1
1,2-Dichloroethane	0.81	U	0.81	0.21	ug/m3			03/25/15 11:25	1
1,2-Dichloroethene, Total	0.79	U	0.79	0.21	ug/m3			03/25/15 11:25	1
1,2-Dichloropropane	0.92	U	0.92	0.16	ug/m3			03/25/15 11:25	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.36	ug/m3			03/25/15 11:25	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.093	ug/m3			03/25/15 11:25	1
1,3-Butadiene	0.44	U	0.44	0.080	ug/m3			03/25/15 11:25	1
1,3-Dichlorobenzene	1.2	U	1.2	0.12	ug/m3			03/25/15 11:25	1
1,4-Dichlorobenzene	1.2	U	1.2	0.11	ug/m3			03/25/15 11:25	1
1,4-Dioxane	18	U	18	0.58	ug/m3			03/25/15 11:25	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.11	ug/m3			03/25/15 11:25	1
2-Chlorotoluene	1.0	U	1.0	0.16	ug/m3			03/25/15 11:25	1
3-Chloropropene	1.6	U	1.6	0.50	ug/m3			03/25/15 11:25	1
4-Ethyltoluene	0.98	U	0.98	0.098	ug/m3			03/25/15 11:25	1
4-Isopropyltoluene	1.1	U	1.1	0.11	ug/m3			03/25/15 11:25	1
Acetone	12	U	12	1.6	ug/m3			03/25/15 11:25	1
Benzene	0.64	U	0.64	0.093	ug/m3			03/25/15 11:25	1
Benzyl chloride	1.0	U	1.0	0.093	ug/m3			03/25/15 11:25	1
Bromodichloromethane	1.3	U	1.3	0.19	ug/m3			03/25/15 11:25	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.087	ug/m3			03/25/15 11:25	1
Bromoform	2.1	U	2.1	0.26	ug/m3			03/25/15 11:25	1
Bromomethane	0.78	U	0.78	0.17	ug/m3			03/25/15 11:25	1
Carbon disulfide	1.6	U	1.6	0.093	ug/m3			03/25/15 11:25	1
Carbon tetrachloride	0.25	U	0.25	0.069	ug/m3			03/25/15 11:25	1
Chlorobenzene	0.92	U	0.92	0.083	ug/m3			03/25/15 11:25	1
Chloroethane	1.3	U	1.3	0.16	ug/m3			03/25/15 11:25	1
Chloroform	0.98	U	0.98	0.19	ug/m3			03/25/15 11:25	1
Chloromethane	1.0	U	1.0	0.12	ug/m3			03/25/15 11:25	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.12	ug/m3			03/25/15 11:25	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.13	ug/m3			03/25/15 11:25	1
Cumene	0.98	U	0.98	0.093	ug/m3			03/25/15 11:25	1
Cyclohexane	0.69	U	0.69	0.034	ug/m3			03/25/15 11:25	1
Dibromochloromethane	1.7	U	1.7	0.17	ug/m3			03/25/15 11:25	1
Dichlorodifluoromethane	2.5	U	2.5	0.28	ug/m3			03/25/15 11:25	1
Ethylbenzene	0.87	U	0.87	0.087	ug/m3			03/25/15 11:25	1
Freon 22	1.8	U	1.8	0.28	ug/m3			03/25/15 11:25	1
Freon TF	1.5	U	1.5	0.31	ug/m3			03/25/15 11:25	1
Hexachlorobutadiene	2.1	U	2.1	0.38	ug/m3			03/25/15 11:25	1
Isopropyl alcohol	12	U	12	0.37	ug/m3			03/25/15 11:25	1
m,p-Xylene	2.2	U	2.2	0.11	ug/m3			03/25/15 11:25	1

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

Lab Sample ID: MB 200-86024/4
Matrix: Air
Analysis Batch: 86024

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.70	ug/m3			03/25/15 11:25	1
Methyl Ethyl Ketone	1.5	U	1.5	0.27	ug/m3			03/25/15 11:25	1
methyl isobutyl ketone	2.0	U	2.0	0.74	ug/m3			03/25/15 11:25	1
Methyl methacrylate	2.0	U	2.0	0.39	ug/m3			03/25/15 11:25	1
Methyl tert-butyl ether	0.72	U	0.72	0.079	ug/m3			03/25/15 11:25	1
Methylene Chloride	1.7	U	1.7	0.42	ug/m3			03/25/15 11:25	1
Naphthalene	2.6	U	2.6	0.16	ug/m3			03/25/15 11:25	1
n-Butane	1.2	U	1.2	0.43	ug/m3			03/25/15 11:25	1
n-Butylbenzene	1.1	U	1.1	0.15	ug/m3			03/25/15 11:25	1
n-Heptane	0.82	U	0.82	0.15	ug/m3			03/25/15 11:25	1
n-Hexane	0.70	U	0.70	0.099	ug/m3			03/25/15 11:25	1
n-Propylbenzene	0.98	U	0.98	0.13	ug/m3			03/25/15 11:25	1
sec-Butylbenzene	1.1	U	1.1	0.12	ug/m3			03/25/15 11:25	1
Styrene	0.85	U	0.85	0.068	ug/m3			03/25/15 11:25	1
tert-Butyl alcohol	15	U	15	0.36	ug/m3			03/25/15 11:25	1
tert-Butylbenzene	1.1	U	1.1	0.11	ug/m3			03/25/15 11:25	1
Tetrachloroethene	1.4	U	1.4	0.20	ug/m3			03/25/15 11:25	1
Tetrahydrofuran	15	U	15	0.53	ug/m3			03/25/15 11:25	1
Toluene	0.75	U	0.75	0.094	ug/m3			03/25/15 11:25	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.11	ug/m3			03/25/15 11:25	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.12	ug/m3			03/25/15 11:25	1
Trichloroethene	0.21	U	0.21	0.16	ug/m3			03/25/15 11:25	1
Trichlorofluoromethane	1.1	U	1.1	0.25	ug/m3			03/25/15 11:25	1
Vinyl chloride	0.10	U	0.10	0.066	ug/m3			03/25/15 11:25	1
Xylene (total)	0.87	U	0.87	0.18	ug/m3			03/25/15 11:25	1
Xylene, o-	0.87	U	0.87	0.078	ug/m3			03/25/15 11:25	1

Lab Sample ID: LCS 200-86024/3
Matrix: Air
Analysis Batch: 86024

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.853		ppb v/v		99	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.583		ppb v/v		96	70 - 130
1,1,2-Trichloroethane	10.0	9.684		ppb v/v		97	70 - 130
1,1-Dichloroethane	10.0	9.473		ppb v/v		95	70 - 130
1,1-Dichloroethene	10.0	9.785		ppb v/v		98	70 - 130
1,2,4-Trichlorobenzene	10.0	8.747		ppb v/v		87	70 - 130
1,2,4-Trimethylbenzene	10.0	9.487		ppb v/v		95	70 - 130
1,2-Dibromoethane	10.0	9.832		ppb v/v		98	70 - 130
1,2-Dichlorobenzene	10.0	9.776		ppb v/v		98	70 - 130
1,2-Dichloroethane	10.0	9.425		ppb v/v		94	70 - 130
1,2-Dichloropropane	10.0	9.027		ppb v/v		90	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	10.86		ppb v/v		109	70 - 130
1,3,5-Trimethylbenzene	10.0	9.481		ppb v/v		95	70 - 130
1,3-Butadiene	10.0	9.195		ppb v/v		92	70 - 130
1,3-Dichlorobenzene	10.0	9.856		ppb v/v		99	70 - 130
1,4-Dichlorobenzene	10.0	9.763		ppb v/v		98	70 - 130

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

Lab Sample ID: LCS 200-86024/3
Matrix: Air
Analysis Batch: 86024

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.082		ppb v/v		81	70 - 130
2,2,4-Trimethylpentane	10.0	9.232		ppb v/v		92	70 - 130
2-Chlorotoluene	10.0	9.525		ppb v/v		95	70 - 130
3-Chloropropene	10.0	7.968		ppb v/v		80	70 - 130
4-Ethyltoluene	10.0	9.807		ppb v/v		98	70 - 130
4-Isopropyltoluene	10.0	9.592		ppb v/v		96	70 - 130
Acetone	10.0	8.757		ppb v/v		88	70 - 130
Benzene	10.0	9.730		ppb v/v		97	70 - 130
Benzyl chloride	10.0	9.123		ppb v/v		91	70 - 130
Bromodichloromethane	10.0	9.450		ppb v/v		95	70 - 130
Bromoethene(Vinyl Bromide)	10.0	9.570		ppb v/v		96	70 - 130
Bromoform	10.0	10.19		ppb v/v		102	70 - 130
Bromomethane	10.0	10.15		ppb v/v		102	70 - 130
Carbon disulfide	10.0	11.11		ppb v/v		111	70 - 130
Carbon tetrachloride	10.0	10.04		ppb v/v		100	70 - 130
Chlorobenzene	10.0	9.566		ppb v/v		96	70 - 130
Chloroethane	10.0	9.477		ppb v/v		95	70 - 130
Chloroform	10.0	9.585		ppb v/v		96	70 - 130
Chloromethane	10.0	8.874		ppb v/v		89	70 - 130
cis-1,2-Dichloroethene	10.0	9.550		ppb v/v		96	70 - 130
cis-1,3-Dichloropropene	10.0	9.432		ppb v/v		94	70 - 130
Cumene	10.0	9.379		ppb v/v		94	70 - 130
Cyclohexane	10.0	9.839		ppb v/v		98	70 - 130
Dibromochloromethane	10.0	9.531		ppb v/v		95	70 - 130
Dichlorodifluoromethane	10.0	9.490		ppb v/v		95	70 - 130
Ethylbenzene	10.0	9.478		ppb v/v		95	70 - 130
Freon 22	10.0	9.214		ppb v/v		92	70 - 130
Freon TF	10.0	9.942		ppb v/v		99	70 - 130
Hexachlorobutadiene	10.0	9.633		ppb v/v		96	70 - 130
Isopropyl alcohol	10.0	7.707		ppb v/v		77	70 - 130
m,p-Xylene	20.0	19.09		ppb v/v		95	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10.0	8.458		ppb v/v		85	70 - 130
Methyl Ethyl Ketone	10.0	8.499		ppb v/v		85	70 - 130
methyl isobutyl ketone	10.0	8.497		ppb v/v		85	70 - 130
Methyl methacrylate	10.0	9.241		ppb v/v		92	70 - 130
Methyl tert-butyl ether	10.0	9.453		ppb v/v		95	70 - 130
Methylene Chloride	10.0	8.646		ppb v/v		86	70 - 130
Naphthalene	10.0	7.395		ppb v/v		74	70 - 130
n-Butane	10.0	8.962		ppb v/v		90	70 - 130
n-Butylbenzene	10.0	9.905		ppb v/v		99	70 - 130
n-Heptane	10.0	8.696		ppb v/v		87	70 - 130
n-Hexane	10.0	9.579		ppb v/v		96	70 - 130
n-Propylbenzene	10.0	9.444		ppb v/v		94	70 - 130
sec-Butylbenzene	10.0	9.479		ppb v/v		95	70 - 130
Styrene	10.0	9.548		ppb v/v		96	70 - 130
tert-Butyl alcohol	10.0	8.368		ppb v/v		84	70 - 130
tert-Butylbenzene	10.0	9.481		ppb v/v		95	70 - 130

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

Lab Sample ID: LCS 200-86024/3
Matrix: Air
Analysis Batch: 86024

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	10.0	9.703		ppb v/v		97	70 - 130
Tetrahydrofuran	10.0	9.315		ppb v/v		93	70 - 130
Toluene	10.0	9.524		ppb v/v		95	70 - 130
trans-1,2-Dichloroethene	10.0	9.971		ppb v/v		100	70 - 130
trans-1,3-Dichloropropene	10.0	8.986		ppb v/v		90	70 - 130
Trichloroethene	10.0	9.554		ppb v/v		96	70 - 130
Trichlorofluoromethane	10.0	9.481		ppb v/v		95	70 - 130
Vinyl chloride	10.0	9.382		ppb v/v		94	70 - 130
Xylene, o-	10.0	9.283		ppb v/v		93	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	54.6	53.76		ug/m3		99	70 - 130
1,1,2,2-Tetrachloroethane	68.6	65.79		ug/m3		96	70 - 130
1,1,2-Trichloroethane	54.6	52.84		ug/m3		97	70 - 130
1,1-Dichloroethane	40.5	38.34		ug/m3		95	70 - 130
1,1-Dichloroethene	39.6	38.80		ug/m3		98	70 - 130
1,2,4-Trichlorobenzene	74.2	64.92		ug/m3		87	70 - 130
1,2,4-Trimethylbenzene	49.2	46.64		ug/m3		95	70 - 130
1,2-Dibromoethane	76.8	75.55		ug/m3		98	70 - 130
1,2-Dichlorobenzene	60.1	58.78		ug/m3		98	70 - 130
1,2-Dichloroethane	40.5	38.15		ug/m3		94	70 - 130
1,2-Dichloropropane	46.2	41.72		ug/m3		90	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	75.95		ug/m3		109	70 - 130
1,3,5-Trimethylbenzene	49.2	46.61		ug/m3		95	70 - 130
1,3-Butadiene	22.1	20.34		ug/m3		92	70 - 130
1,3-Dichlorobenzene	60.1	59.26		ug/m3		99	70 - 130
1,4-Dichlorobenzene	60.1	58.70		ug/m3		98	70 - 130
1,4-Dioxane	36.0	29.13		ug/m3		81	70 - 130
2,2,4-Trimethylpentane	46.7	43.13		ug/m3		92	70 - 130
2-Chlorotoluene	51.8	49.32		ug/m3		95	70 - 130
3-Chloropropene	31.3	24.94		ug/m3		80	70 - 130
4-Ethyltoluene	49.2	48.21		ug/m3		98	70 - 130
4-Isopropyltoluene	54.9	52.66		ug/m3		96	70 - 130
Acetone	23.7	20.80		ug/m3		88	70 - 130
Benzene	31.9	31.09		ug/m3		97	70 - 130
Benzyl chloride	51.8	47.23		ug/m3		91	70 - 130
Bromodichloromethane	67.0	63.32		ug/m3		95	70 - 130
Bromoethene(Vinyl Bromide)	43.7	41.87		ug/m3		96	70 - 130
Bromoform	103	105.3		ug/m3		102	70 - 130
Bromomethane	38.8	39.42		ug/m3		102	70 - 130
Carbon disulfide	31.1	34.60		ug/m3		111	70 - 130
Carbon tetrachloride	62.9	63.16		ug/m3		100	70 - 130
Chlorobenzene	46.0	44.04		ug/m3		96	70 - 130
Chloroethane	26.4	25.01		ug/m3		95	70 - 130
Chloroform	48.8	46.80		ug/m3		96	70 - 130
Chloromethane	20.6	18.32		ug/m3		89	70 - 130
cis-1,2-Dichloroethene	39.6	37.86		ug/m3		96	70 - 130
cis-1,3-Dichloropropene	45.4	42.81		ug/m3		94	70 - 130

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

Lab Sample ID: LCS 200-86024/3
Matrix: Air
Analysis Batch: 86024

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cumene	49.1	46.10		ug/m3		94	70 - 130
Cyclohexane	34.4	33.87		ug/m3		98	70 - 130
Dibromochloromethane	85.2	81.20		ug/m3		95	70 - 130
Dichlorodifluoromethane	49.4	46.93		ug/m3		95	70 - 130
Ethylbenzene	43.4	41.16		ug/m3		95	70 - 130
Freon 22	35.4	32.59		ug/m3		92	70 - 130
Freon TF	76.6	76.19		ug/m3		99	70 - 130
Hexachlorobutadiene	107	102.7		ug/m3		96	70 - 130
Isopropyl alcohol	24.6	18.94		ug/m3		77	70 - 130
m,p-Xylene	86.8	82.89		ug/m3		95	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	34.66		ug/m3		85	70 - 130
Methyl Ethyl Ketone	29.5	25.07		ug/m3		85	70 - 130
methyl isobutyl ketone	41.0	34.81		ug/m3		85	70 - 130
Methyl methacrylate	40.9	37.84		ug/m3		92	70 - 130
Methyl tert-butyl ether	36.0	34.08		ug/m3		95	70 - 130
Methylene Chloride	34.7	30.03		ug/m3		86	70 - 130
Naphthalene	52.4	38.77		ug/m3		74	70 - 130
n-Butane	23.8	21.30		ug/m3		90	70 - 130
n-Butylbenzene	54.9	54.38		ug/m3		99	70 - 130
n-Heptane	41.0	35.64		ug/m3		87	70 - 130
n-Hexane	35.2	33.76		ug/m3		96	70 - 130
n-Propylbenzene	49.1	46.42		ug/m3		94	70 - 130
sec-Butylbenzene	54.9	52.03		ug/m3		95	70 - 130
Styrene	42.6	40.67		ug/m3		96	70 - 130
tert-Butyl alcohol	30.3	25.37		ug/m3		84	70 - 130
tert-Butylbenzene	54.9	52.05		ug/m3		95	70 - 130
Tetrachloroethene	67.8	65.81		ug/m3		97	70 - 130
Tetrahydrofuran	29.5	27.47		ug/m3		93	70 - 130
Toluene	37.7	35.89		ug/m3		95	70 - 130
trans-1,2-Dichloroethene	39.6	39.53		ug/m3		100	70 - 130
trans-1,3-Dichloropropene	45.4	40.78		ug/m3		90	70 - 130
Trichloroethene	53.7	51.34		ug/m3		96	70 - 130
Trichlorofluoromethane	56.2	53.27		ug/m3		95	70 - 130
Vinyl chloride	25.6	23.98		ug/m3		94	70 - 130
Xylene, o-	43.4	40.31		ug/m3		93	70 - 130

QC Association Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Air - GC/MS VOA

Analysis Batch: 85896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-27205-1	INDOOR-LOBBY	Total/NA	Air	TO-15	
200-27205-3	INDOOR-UTIL RM	Total/NA	Air	TO-15	
200-27205-5	OUTDOOR	Total/NA	Air	TO-15	
LCS 200-85896/5	Lab Control Sample	Total/NA	Air	TO-15	
MB 200-85896/6	Method Blank	Total/NA	Air	TO-15	

Analysis Batch: 86024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-27205-2	SUB-SLAB-LOBBY	Total/NA	Air	TO-15	
200-27205-4	SUB-SLAB-UTIL RM	Total/NA	Air	TO-15	
200-27205-6	BLIND DUPLICATE	Total/NA	Air	TO-15	
LCS 200-86024/3	Lab Control Sample	Total/NA	Air	TO-15	
MB 200-86024/4	Method Blank	Total/NA	Air	TO-15	

Lab Chronicle

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Client Sample ID: INDOOR-LOBBY — Lab Sample ID: 200-27205-1

Date Collected: 03/19/15 13:18 — **Matrix: Air**
Date Received: 03/23/15 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	85896	03/24/15 00:23	BPL	TAL BUR

Client Sample ID: SUB-SLAB-LOBBY — Lab Sample ID: 200-27205-2

Date Collected: 03/19/15 13:19 — **Matrix: Air**
Date Received: 03/23/15 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	86024	03/25/15 20:27	WRD	TAL BUR

Client Sample ID: INDOOR-UTIL RM — Lab Sample ID: 200-27205-3

Date Collected: 03/19/15 13:46 — **Matrix: Air**
Date Received: 03/23/15 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	85896	03/24/15 01:12	BPL	TAL BUR

Client Sample ID: SUB-SLAB-UTIL RM — Lab Sample ID: 200-27205-4

Date Collected: 03/19/15 13:20 — **Matrix: Air**
Date Received: 03/23/15 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	86024	03/25/15 21:18	WRD	TAL BUR

Client Sample ID: OUTDOOR — Lab Sample ID: 200-27205-5

Date Collected: 03/19/15 13:16 — **Matrix: Air**
Date Received: 03/23/15 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	85896	03/24/15 02:02	BPL	TAL BUR

Client Sample ID: BLIND DUPLICATE — Lab Sample ID: 200-27205-6

Date Collected: 03/19/15 13:21 — **Matrix: Air**
Date Received: 03/23/15 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	86024	03/25/15 22:08	WRD	TAL BUR

Laboratory References:

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

Certification Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

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	09-30-15
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-13-16
Florida	NELAP	4	E87467	06-30-15
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-15 *
Minnesota	NELAP	5	050-999-436	12-31-15
New Hampshire	NELAP	1	2006	12-18-15
New Jersey	NELAP	2	VT972	06-30-15
New York	NELAP	2	10391	03-31-15 *
Pennsylvania	NELAP	3	68-00489	04-30-15 *
Rhode Island	State Program	1	LAO00298	12-30-15
US Fish & Wildlife	Federal		LE-058448-0	02-28-16
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-15
Virginia	NELAP	3	460209	12-14-15

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15 *

* Certification renewal pending - certification considered valid.

Method Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

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: Benchmark Env. Eng. & Science, PLLC
Project/Site: Turnkey - 11 Evans St. site

TestAmerica Job ID: 200-27205-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-27205-1	INDOOR-LOBBY	Air	03/19/15 13:18	03/23/15 09:00
200-27205-2	SUB-SLAB-LOBBY	Air	03/19/15 13:19	03/23/15 09:00
200-27205-3	INDOOR-UTIL RM	Air	03/19/15 13:46	03/23/15 09:00
200-27205-4	SUB-SLAB-UTIL RM	Air	03/19/15 13:20	03/23/15 09:00
200-27205-5	OUTDOOR	Air	03/19/15 13:16	03/23/15 09:00
200-27205-6	BLIND DUPLICATE	Air	03/19/15 13:21	03/23/15 09:00

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Mike Munley	**Samples Collected By:** RLO	1 of 1 COCs
Company: Turnkey Env Restoration, LLC	Phone:		
Address: 2558 Hamburg Turnpike	Email:		
City/State/Zip: Buffalo, NY 14218			
Phone: 716-856-0599	Site Contact: Rick Dubiel		
FAX: 716-856-0583	TA Contact:		
Project Name: 11 Evans St	**Analysis Turnaround Time**		
Site: Batavia, NY	Standard (Specify) ✓		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
Indoor - Lobby	3/18/15-3/19/15	1424	1319	-30	-5	5218	3474	V							/				
Sub-Slab - Lobby		1423	1319	-30	-3	2930	4544	V											
Indoor - Util Rm		1421	1316	-30	-5	5218	3474	V							/				
Sub-Slab - Util Rm		1420	1320	-30	-3	4052	5154	V											
Out Door		1442	1316	-30	-5	4043	2546	/								/			
Blind Duplicate	↓	1421	1321	-30	-4	3385	5093	V											

Temperature (Fahrenheit)	Interior	Ambient	
Start			
Stop			

Pressure (inches of Hg)	Interior	Ambient	
Start			
Stop			

200-27205 Chain of Custody

Special Instructions/QC Requirements & Comments:
CAT "B" Deliverables DATA PACKAGE.

Samples Shipped by:	Date/Time: 3/20/15 0900	Samples Received by:	3/20/15 @ 1050
Samples Relinquished by:	Date/Time: 3/20/15 @ 1130	Received by:	3/23/15 0900 TA BUR
Relinquished by:	Date/Time:	Received by:	

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

3/30/2015

ORIGIN ID:DKKA (716) 691-2600
KEN KINECKI
TESTAMERICA
10 HAZELWOOD DR

AMHERST, NY 14228
UNITED STATES US

SHIP DATE: 20MAR15
ACTWGT: 34.0 LB MAN
CAD: 735603/CAFE2807
DIMS: 20x20x17 IN

BILL SENDER

TO MARK PHILLIPS
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
INV:
PO:
REF:
DEPT:

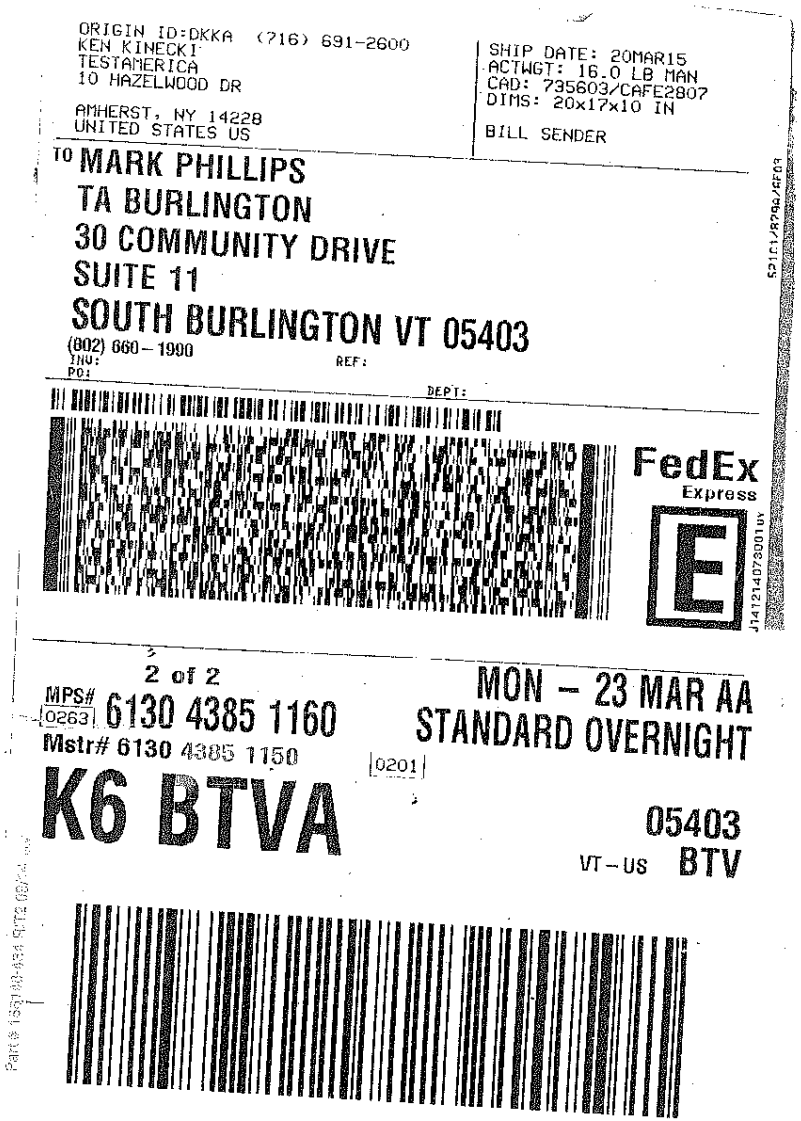
FedEx Express

1 of 2
TRK# 0201 6130 4385 1150
MASTER

MON - 23 MAR AA
STANDARD OVERNIGHT

K6 BTVA

05403
VT-US BTV



ORIGIN ID:DKKA (716) 691-2600
KEN KINECKI
TESTAMERICA
10 HAZELWOOD DR

AMHERST, NY 14228
UNITED STATES US

SHIP DATE: 20MAR15
ACTWGT: 16.0 LB MAN
CAD: 735603/CAFE2807
DIMS: 20x17x10 IN

BILL SENDER

TO MARK PHILLIPS
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
INV:
PO:
REF:
DEPT:

FedEx Express

2 of 2
MPS# 0263 6130 4385 1160
Mstr# 6130 4385 1150

MON - 23 MAR AA
STANDARD OVERNIGHT

0201

K6 BTVA

05403
VT-US BTV

Login Sample Receipt Checklist

Client: Benchmark Env. Eng. & Science, PLLC

Job Number: 200-27205-1

Login Number: 27205

List Source: TestAmerica Burlington

List Number: 1

Creator: Goodrich, Kenneth L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Benchmark Env. Eng. & Science, PLLC

Job Number: 200-27205-1

Login Number: 27205

List Source: TestAmerica Burlington

List Number: 2

Creator: Goodrich, Kenneth L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

200-26907-A-2
4912
Location: Air-Cleaning
Bottle: Summa Canister 6L
Sampled: 3/3/2015 12:00 AM 200-767670

Loc: 200
26907
#2
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size
Bottom	25	3/3/15	S	(6L) 1L 3L

Leak Test

Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	5154		-29.0	-29.5	0.5
2	4912	-29.3	-30.2	-29.9	-0.3
3	5096		-29.1	-29.5	0.4
4	5093		-29.2		0.3
5	4321		-29.5		0
6	4925		-29.0		0.5
7	2549		-29.5	↓	0
8	4383		-30.2	-29.9	-0.3
9	2848		-29.9	↓	0
10	5729		-29.5	-29.5	0
11	3474		-29.4	↓	0.1
12	5636		-29.4	↓	0.1

	Initial Reading	Final Reading	Final Reading
Gauge ID:	614	614	614
Date:	3/4/15	3/10/15	3/12/15
Time:	945	2130	1340
Tech:	MS	BDL	MS
BP:	29.2 ("Hg)	29.4	29.8 ("Hg)
Temp	22 (°C)	23	22 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
4912	03/10/15	12454	PAD		✓				3/10/15	AN

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: Routine

BR-FAI023:10.19.09:7
TestAmerica

200-26953-A-3
3135
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/5/2015 12:00 AM 200-768553

Loc: 200
26953
#3
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☒ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		
TO15	20	3/5/15	MF	6L	1L	3L

Leak Test

Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	3338	9	-29.6	-29.6	0.0
2	4240		-29.6	↓	0.0
3	3135	-29.9	~~-29.8~~	~~-29.6~~	~~-0.2~~
4	5448		-29.7	-29.6	-0.1
5	5150		-29.7		-0.1
6	4381		-29.6		0
7	5896		-29.7		-0.1
8	3608		-29.7		-0.1
9	3625		-29.7		-0.1
10	2546		-29.6		0
11	3278		-29.5		+0.1
12	4471	↓	-29.8	↓	-0.2

Initial Reading		Final Reading	
Gauge ID:	614	Gauge ID:	614
Date:	3/6/15	Date:	3/9/15
Time:	820	Time:	2116
Tech:	MF	Tech:	BDL
BP:	29.8 ("Hg)	BP:	29.5 ("Hg)
Temp	23 (℃)	Temp:	24 (℃)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
3135	03/09/15	12438	PAD		✓				3/9/15	AM

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

* Final = -29.6 Difference = 0 MF 3/11/15

BR-FAI023:10.19.09:7
TestAmerica

Loc: 200
26976
#9
A

200-26976-A-9
6061
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2015 12:00 AM 200-768956

Pre-Shipment Clean Canister Certification R

Certification Type: ☒ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size
Bottom	25	3/7/15	MS	(6L) 1L 3L

Leak Test

Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	3397		-29.7	-29.4	-0.3
2	3608		-29.2		0.2
3	6031		-29.5		-0.1
4	4442		-29.2		0.2
5	4877		-29.7		-0.3
6	4644		-29.7	↓	-0.3
7	4430		-29.8	-29.8	0
8	5612		-29.7	-29.8	+0.1
9	5061	-29.5	-29.6	-29.8	+0.2
10	4295	↓	-30.1	↓	-0.3
11	5903		-30.0		-0.2
12	5968		-30.0	↓	-0.2

Initial Reading	Final Reading	Final Reading *
Gauge ID: G14	Gauge ID: G14	G14
Date: 3/9/15	Date: 3/10/15	3/12/15
Time: 1520	Time: 2058	1315
Tech: MS	Tech: BDL	MS
BP: 29.5 ("Hg)	BP: 29.4 ("Hg)	29.8 ("Hg)
Temp 22 (℃)	Temp: 22 (℃)	22 (℃)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review Date	Reviewer
5061	3/10/14	12454	PAD		✓				3/10/15	AM1

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

BR-FAI023:10.19.09:7
TestAmerica

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

Lab Name: TestAmerica Burlington Job No.: 200-26907-1

SDG No.:

Client Sample ID: 4912 Lab Sample ID: 200-26907-2

Matrix: Air Lab File ID: 12454_06.D

Analysis Method: TO-15 Date Collected: 03/03/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2015 13:53

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.: 85260 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	0.040	U	0.040	0.040
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.: 200-26907-1

SDG No.:

Client Sample ID: 4912 Lab Sample ID: 200-26907-2

Matrix: Air Lab File ID: 12454_06.D

Analysis Method: TO-15 Date Collected: 03/03/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2015 13:53

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.: 85260 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)	0.040	U	0.040	0.040
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.: 200-26907-1

SDG No.:

Client Sample ID: 4912 Lab Sample ID: 200-26907-2

Matrix: Air Lab File ID: 12454_06.D

Analysis Method: TO-15 Date Collected: 03/03/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2015 13:53

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.: 85260 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: \\BTV-LIMS1\ChromData\CHC.i\20150309-12454.b\12454_06.D
Lims ID: 200-26907-A-2 Lab Sample ID: 200-26907-2
Client ID: 4912
Sample Type: Client
Inject. Date: 09-Mar-2015 13:53:30 ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0012454-006
Misc. Info.: 26907-02
Operator ID: pad Instrument ID: CHC.i

Method: \\BTV-LIMS1\ChromData\CHC.i\20150309-12454.b\TO15_LLNJ_TO3_CHC.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Mar-2015 11:04:14 Calib Date: 01-Dec-2014 23:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20141201-10870.b\10870_10.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: daiglep Date: 10-Mar-2015 09:37:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.985				ND	
2 Dichlorodifluoromethane	85		3.060				ND	
3 Chlorodifluoromethane	51		3.113				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.332				ND	
5 Chloromethane	50		3.471				ND	
6 Butane	43		3.674				ND	
7 Vinyl chloride	62		3.722				ND	
8 Butadiene	54		3.802				ND	
9 Bromomethane	94		4.501				ND	
10 Chloroethane	64		4.752				ND	
13 Vinyl bromide	106		5.152				ND	
14 Trichlorofluoromethane	101		5.253				ND	
16 Ethanol	45		5.889				ND	
19 1,1,2-Trichloro-1,2,2-trif	101		6.374				ND	
20 1,1-Dichloroethene	96		6.412				ND	
21 Acetone	43		6.673				ND	
22 Carbon disulfide	76		6.791				ND	
23 Isopropyl alcohol	45		7.004				ND	
25 3-Chloro-1-propene	41		7.228				ND	
27 Methylene Chloride	49		7.532				ND	
28 2-Methyl-2-propanol	59		7.789				ND	
29 Methyl tert-butyl ether	73		7.943				ND	
30 trans-1,2-Dichloroethene	61		7.981				ND	
32 Hexane	57		8.370				ND	
33 1,1-Dichloroethane	63		8.872				ND	
34 Vinyl acetate	43		8.968				ND	
* 40 Chlorobromomethane	128	10.478	10.484	-0.006	72	392723	10.0	
35 cis-1,2-Dichloroethene	96		10.009				ND	
36 2-Butanone (MEK)	72		10.067				ND	
37 Ethyl acetate	88		10.126				ND	
S 38 1,2-Dichloroethene, Total	61		10.200				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	39 Tetrahydrofuran	42		10.489				ND	
	41 Chloroform	83		10.628				ND	
	42 Cyclohexane	84		10.847				ND	
	43 1,1,1-Trichloroethane	97		10.889				ND	
	44 Carbon tetrachloride	117		11.140				ND	
	46 Isooctane	57		11.588				ND	
	47 Benzene	78	11.626	11.620	0.006	1	522	0.004714	
	48 1,2-Dichloroethane	62		11.818				ND	
	49 n-Heptane	43		11.994				ND	
*	50 1,4-Difluorobenzene	114	12.485	12.490	-0.005	93	1903252	10.0	
	52 Trichloroethene	95		12.949				ND	
	54 1,2-Dichloropropane	63		13.526				ND	
	55 Methyl methacrylate	69		13.712				ND	
	56 1,4-Dioxane	88		13.766				ND	
	57 Dibromomethane	174		13.793				ND	
	58 Dichlorobromomethane	83		14.097				ND	
	60 cis-1,3-Dichloropropene	75		15.047				ND	
	61 4-Methyl-2-pentanone (MIBK	43		15.346				ND	
	62 Toluene	92		15.634				ND	
	66 trans-1,3-Dichloropropene	75		16.248				ND	
	67 1,1,2-Trichloroethane	83		16.621				ND	
	68 Tetrachloroethene	166		16.712				ND	
	69 2-Hexanone	43		17.075				ND	
	70 Chlorodibromomethane	129		17.384				ND	
	71 Ethylene Dibromide	107		17.646				ND	
*	72 Chlorobenzene-d5	117	18.542	18.542	0.000	84	1618132	10.0	
	73 Chlorobenzene	112		18.601				ND	
	75 Ethylbenzene	91		18.756				ND	
	77 m-Xylene & p-Xylene	106		19.007				ND	
	78 o-Xylene	106		19.845				ND	
	79 Styrene	104		19.898				ND	
S	80 Xylenes, Total	106		20.100				ND	
	81 Bromoform	173		20.320				ND	
	82 Isopropylbenzene	105		20.522				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.184				ND	
	84 N-Propylbenzene	91		21.243				ND	
	87 4-Ethyltoluene	105		21.430				ND	
	88 2-Chlorotoluene	91		21.440				ND	
	89 1,3,5-Trimethylbenzene	105		21.536				ND	
	91 tert-Butylbenzene	119		22.022				ND	
	92 1,2,4-Trimethylbenzene	105		22.118				ND	
	93 sec-Butylbenzene	105		22.348				ND	
	94 4-Isopropyltoluene	119		22.545				ND	
	95 1,3-Dichlorobenzene	146		22.577				ND	
	96 1,4-Dichlorobenzene	146		22.710				ND	
	97 Benzyl chloride	91		22.908				ND	
	98 n-Butylbenzene	91		23.116				ND	
	100 1,2-Dichlorobenzene	146		23.239				ND	
	102 1,2,4-Trichlorobenzene	180		25.721				ND	
	103 Hexachlorobutadiene	225		25.902				ND	
	104 Naphthalene	128		26.201				ND	
$	108 4-Bromofluorobenzene	95	20.891	20.896	-0.005	93	920283	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

ATTO15CISs_00006 Amount Added: 20.00 Units: mL Run Reagent

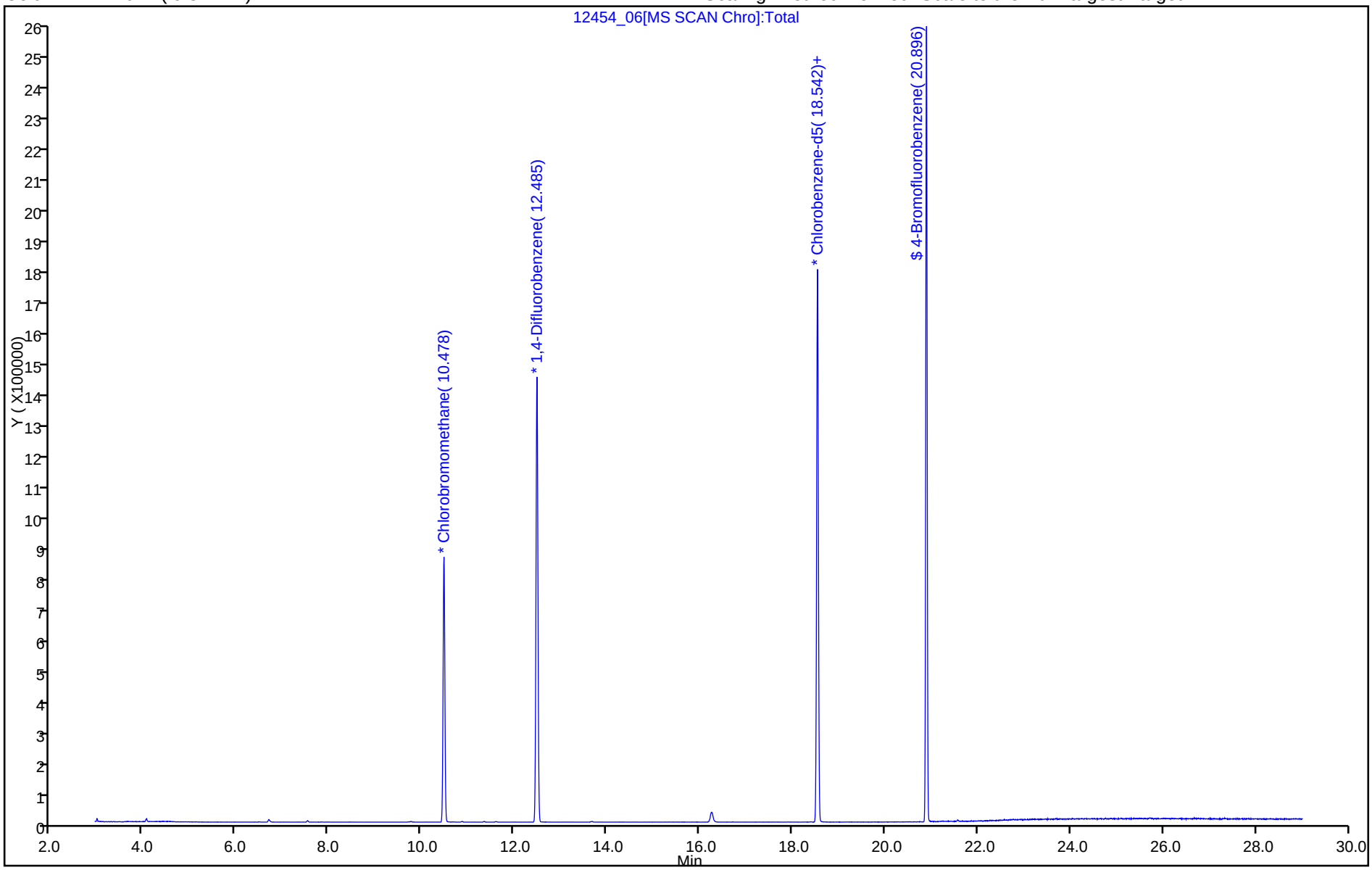
Report Date: 10-Mar-2015 11:04:17 Chrom Revision: 2.2 06-Mar-2015 13:13:48

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20150309-12454.b\12454_06.D

Injection Date:	09-Mar-2015 13:53:30	Instrument ID:	CHC.i	Operator ID:	pad
Lims ID:	200-26907-A-2	Lab Sample ID:	200-26907-2	Worklist Smp#:	6
Client ID:	4912				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	8
Method:	TO15_LLNJ_TO3_CHC	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.: 200-26953-1

SDG No.:

Client Sample ID: 3135 Lab Sample ID: 200-26953-3

Matrix: Air Lab File ID: 12438_25.D

Analysis Method: TO-15 Date Collected: 03/05/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2015 08:37

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.: 85196 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	0.040	U	0.040	0.040
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.: 200-26953-1

SDG No.:

Client Sample ID: 3135 Lab Sample ID: 200-26953-3

Matrix: Air Lab File ID: 12438_25.D

Analysis Method: TO-15 Date Collected: 03/05/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2015 08:37

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.: 85196 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)	0.040	U	0.040	0.040
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.: 200-26953-1

SDG No.:

Client Sample ID: 3135 Lab Sample ID: 200-26953-3

Matrix: Air Lab File ID: 12438_25.D

Analysis Method: TO-15 Date Collected: 03/05/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2015 08:37

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.: 85196 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: \\BTV-LIMS1\ChromData\CHC.i\20150306-12438.b\12438_25.D
Lims ID: 200-26953-A-3 Lab Sample ID: 200-26953-3
Client ID: 3135
Sample Type: Client
Inject. Date: 07-Mar-2015 08:37:30 ALS Bottle#: 26 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0012438-025
Misc. Info.: 26953-03
Operator ID: pad Instrument ID: CHC.i

Method: \\BTV-LIMS1\ChromData\CHC.i\20150306-12438.b\TO15_LLNJ_TO3_CHC.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Mar-2015 12:51:14 Calib Date: 01-Dec-2014 23:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20141201-10870.b\10870_10.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: daiglep Date: 09-Mar-2015 12:50:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.991				ND	
2 Dichlorodifluoromethane	85		3.060				ND	
3 Chlorodifluoromethane	51		3.119				ND	
4 1,2-Dichloro-1,1,2,2-tetra	85		3.332				ND	
5 Chloromethane	50		3.471				ND	
6 Butane	43		3.679				ND	
7 Vinyl chloride	62		3.722				ND	
8 Butadiene	54		3.802				ND	
9 Bromomethane	94		4.506				ND	
10 Chloroethane	64		4.752				ND	
13 Vinyl bromide	106		5.152				ND	
14 Trichlorofluoromethane	101		5.259				ND	
16 Ethanol	45		5.894				ND	
19 1,1,2-Trichloro-1,2,2-trif	101		6.374				ND	
20 1,1-Dichloroethene	96		6.417				ND	
21 Acetone	43		6.673				ND	
22 Carbon disulfide	76	6.791	6.796	-0.005	98	4335	0.0422	
23 Isopropyl alcohol	45		7.004				ND	
25 3-Chloro-1-propene	41		7.228				ND	
27 Methylene Chloride	49	7.532	7.538	-0.006	94	2829	0.0704	
28 2-Methyl-2-propanol	59		7.788				ND	
29 Methyl tert-butyl ether	73		7.949				ND	
30 trans-1,2-Dichloroethene	61		7.981				ND	
32 Hexane	57		8.376				ND	
33 1,1-Dichloroethane	63		8.877				ND	
34 Vinyl acetate	43		8.968				ND	
35 cis-1,2-Dichloroethene	96		10.014				ND	
36 2-Butanone (MEK)	72		10.078				ND	
37 Ethyl acetate	88		10.126				ND	
S 38 1,2-Dichloroethene, Total	61		10.200				ND	
* 40 Chlorobromomethane	128	10.478	10.484	-0.006	68	453131	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	39 Tetrahydrofuran	42		10.489				ND	
	41 Chloroform	83		10.628				ND	
	42 Cyclohexane	84		10.857				ND	
	43 1,1,1-Trichloroethane	97		10.889				ND	
	44 Carbon tetrachloride	117		11.140				ND	
	46 Isooctane	57		11.588				ND	
	47 Benzene	78	11.615	11.620	-0.005	1	476	0.003590	
	48 1,2-Dichloroethane	62		11.818				ND	
	49 n-Heptane	43		11.994				ND	
*	50 1,4-Difluorobenzene	114	12.485	12.490	-0.005	92	2279121	10.0	
	52 Trichloroethene	95		12.955				ND	
	54 1,2-Dichloropropane	63		13.526				ND	
	55 Methyl methacrylate	69		13.712				ND	
	56 1,4-Dioxane	88		13.771				ND	
	57 Dibromomethane	174		13.792				ND	
	58 Dichlorobromomethane	83		14.102				ND	
	60 cis-1,3-Dichloropropene	75		15.047				ND	
	61 4-Methyl-2-pentanone (MIBK	43		15.340				ND	
	62 Toluene	92	15.634	15.634	0.000	97	3066	0.0273	
	66 trans-1,3-Dichloropropene	75		16.247				ND	
	67 1,1,2-Trichloroethane	83		16.621				ND	
	68 Tetrachloroethene	166		16.712				ND	
	69 2-Hexanone	43		17.075				ND	
	70 Chlorodibromomethane	129		17.384				ND	
	71 Ethylene Dibromide	107		17.646				ND	
*	72 Chlorobenzene-d5	117	18.543	18.542	0.000	83	1960291	10.0	
	73 Chlorobenzene	112		18.601				ND	
	75 Ethylbenzene	91		18.756				ND	
	77 m-Xylene & p-Xylene	106		19.007				ND	
	78 o-Xylene	106		19.845				ND	
	79 Styrene	104		19.898				ND	
S	80 Xylenes, Total	106		20.100				ND	
	81 Bromoform	173		20.319				ND	
	82 Isopropylbenzene	105		20.522				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.184				ND	
	84 N-Propylbenzene	91		21.243				ND	
	87 4-Ethyltoluene	105		21.430				ND	
	88 2-Chlorotoluene	91		21.435				ND	
	89 1,3,5-Trimethylbenzene	105		21.536				ND	
	91 tert-Butylbenzene	119		22.022				ND	
	92 1,2,4-Trimethylbenzene	105		22.118				ND	
	93 sec-Butylbenzene	105		22.348				ND	
	94 4-Isopropyltoluene	119		22.545				ND	
	95 1,3-Dichlorobenzene	146		22.577				ND	
	96 1,4-Dichlorobenzene	146		22.710				ND	
	97 Benzyl chloride	91		22.908				ND	
	98 n-Butylbenzene	91		23.116				ND	
	100 1,2-Dichlorobenzene	146		23.239				ND	
	102 1,2,4-Trichlorobenzene	180		25.720				ND	
	103 Hexachlorobutadiene	225		25.902				ND	
	104 Naphthalene	128		26.201				ND	
$	108 4-Bromofluorobenzene	95	20.891	20.896	-0.005	93	1029785	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

ATTO15CISs_00006 Amount Added: 20.00 Units: mL Run Reagent

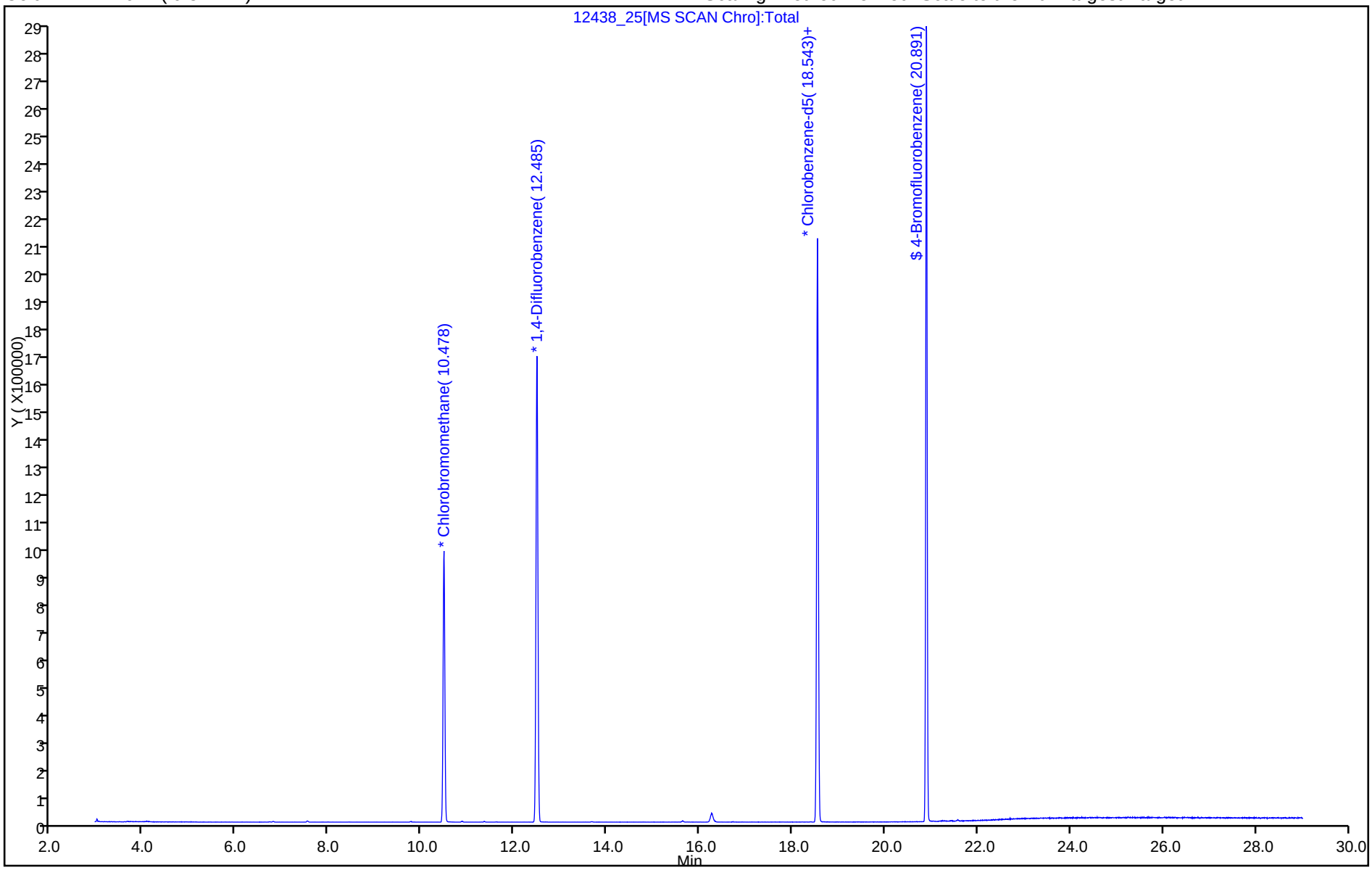
Report Date: 09-Mar-2015 12:51:35 Chrom Revision: 2.2 15-Jan-2015 13:05:58

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20150306-12438.b\12438_25.D

Injection Date:	07-Mar-2015 08:37:30	Instrument ID:	CHC.i	Operator ID:	pad
Lims ID:	200-26953-A-3	Lab Sample ID:	200-26953-3	Worklist Smp#:	25
Client ID:	3135				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	26
Method:	TO15_LLNJ_TO3_CHC	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.: 200-26976-1

SDG No.:

Client Sample ID: 5061 Lab Sample ID: 200-26976-9

Matrix: Air Lab File ID: 12454_26.D

Analysis Method: TO-15 Date Collected: 03/07/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/10/2015 05:49

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.: 85260 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	0.040	U	0.040	0.040
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.: 200-26976-1

SDG No.:

Client Sample ID: 5061 Lab Sample ID: 200-26976-9

Matrix: Air Lab File ID: 12454_26.D

Analysis Method: TO-15 Date Collected: 03/07/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/10/2015 05:49

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.: 85260 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)	0.040	U	0.040	0.040
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.: 200-26976-1

SDG No.:

Client Sample ID: 5061 Lab Sample ID: 200-26976-9

Matrix: Air Lab File ID: 12454_26.D

Analysis Method: TO-15 Date Collected: 03/07/2015 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/10/2015 05:49

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.: 85260 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: \\BTV-LIMS1\ChromData\CHC.i\20150309-12454.b\12454_26.D
Lims ID: 200-26976-A-9 Lab Sample ID: 200-26976-9
Client ID: 5061
Sample Type: Client
Inject. Date: 10-Mar-2015 05:49:30 ALS Bottle#: 28 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0012454-026
Misc. Info.: 26976-09
Operator ID: pad Instrument ID: CHC.i

Method: \\BTV-LIMS1\ChromData\CHC.i\20150309-12454.b\TO15_LLNJ_TO3_CHC.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Mar-2015 11:04:14 Calib Date: 01-Dec-2014 23:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20141201-10870.b\10870_10.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: daiglep Date: 10-Mar-2015 11:00:13

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		2.985				ND	
	2 Dichlorodifluoromethane	85		3.060				ND	
	3 Chlorodifluoromethane	51		3.113				ND	
	4 1,2-Dichloro-1,1,2,2-tetra	85		3.332				ND	
	5 Chloromethane	50		3.471				ND	
	6 Butane	43		3.674				ND	
	7 Vinyl chloride	62		3.722				ND	
	8 Butadiene	54		3.802				ND	
	9 Bromomethane	94		4.501				ND	
	10 Chloroethane	64		4.752				ND	
	13 Vinyl bromide	106		5.152				ND	
	14 Trichlorofluoromethane	101		5.253				ND	
	16 Ethanol	45		5.889				ND	
	19 1,1,2-Trichloro-1,2,2-trif	101		6.374				ND	
	20 1,1-Dichloroethene	96		6.412				ND	
	21 Acetone	43		6.673				ND	
	22 Carbon disulfide	76		6.791				ND	
	23 Isopropyl alcohol	45		7.004				ND	
	25 3-Chloro-1-propene	41		7.228				ND	
	27 Methylene Chloride	49		7.532				ND	
	28 2-Methyl-2-propanol	59		7.789				ND	
	29 Methyl tert-butyl ether	73		7.943				ND	
	30 trans-1,2-Dichloroethene	61		7.981				ND	
	32 Hexane	57		8.370				ND	
	33 1,1-Dichloroethane	63		8.872				ND	
	34 Vinyl acetate	43		8.968				ND	
*	40 Chlorobromomethane	128	10.478	10.484	-0.006	68	332209	10.0	
	35 cis-1,2-Dichloroethene	96		10.009				ND	
	36 2-Butanone (MEK)	72		10.067				ND	
	37 Ethyl acetate	88		10.126				ND	
S	38 1,2-Dichloroethene, Total	61		10.200				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	39 Tetrahydrofuran	42		10.489				ND	
	41 Chloroform	83		10.628				ND	
	42 Cyclohexane	84		10.847				ND	
	43 1,1,1-Trichloroethane	97		10.889				ND	
	44 Carbon tetrachloride	117		11.140				ND	
	46 Isooctane	57		11.588				ND	
	47 Benzene	78	11.621	11.620	0.001	1	99	0.001111	
	48 1,2-Dichloroethane	62		11.818				ND	
	49 n-Heptane	43		11.994				ND	
*	50 1,4-Difluorobenzene	114	12.485	12.490	-0.005	93	1532273	10.0	
	52 Trichloroethene	95		12.949				ND	
	54 1,2-Dichloropropane	63		13.526				ND	
	55 Methyl methacrylate	69		13.712				ND	
	56 1,4-Dioxane	88		13.766				ND	
	57 Dibromomethane	174		13.793				ND	
	58 Dichlorobromomethane	83		14.097				ND	
	60 cis-1,3-Dichloropropene	75		15.047				ND	
	61 4-Methyl-2-pentanone (MIBK	43		15.346				ND	
	62 Toluene	92		15.634				ND	
	66 trans-1,3-Dichloropropene	75		16.248				ND	
	67 1,1,2-Trichloroethane	83		16.621				ND	
	68 Tetrachloroethene	166		16.712				ND	
	69 2-Hexanone	43		17.075				ND	
	70 Chlorodibromomethane	129		17.384				ND	
	71 Ethylene Dibromide	107		17.646				ND	
*	72 Chlorobenzene-d5	117	18.543	18.542	0.000	85	1267195	10.0	
	73 Chlorobenzene	112		18.601				ND	
	75 Ethylbenzene	91		18.756				ND	
	77 m-Xylene & p-Xylene	106		19.007				ND	
	78 o-Xylene	106		19.845				ND	
	79 Styrene	104		19.898				ND	
S	80 Xylenes, Total	106		20.100				ND	
	81 Bromoform	173		20.320				ND	
	82 Isopropylbenzene	105		20.522				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.184				ND	
	84 N-Propylbenzene	91		21.243				ND	
	87 4-Ethyltoluene	105		21.430				ND	
	88 2-Chlorotoluene	91		21.440				ND	
	89 1,3,5-Trimethylbenzene	105		21.536				ND	
	91 tert-Butylbenzene	119		22.022				ND	
	92 1,2,4-Trimethylbenzene	105		22.118				ND	
	93 sec-Butylbenzene	105		22.348				ND	
	94 4-Isopropyltoluene	119		22.545				ND	
	95 1,3-Dichlorobenzene	146		22.577				ND	
	96 1,4-Dichlorobenzene	146		22.710				ND	
	97 Benzyl chloride	91		22.908				ND	
	98 n-Butylbenzene	91		23.116				ND	
	100 1,2-Dichlorobenzene	146		23.239				ND	
	102 1,2,4-Trichlorobenzene	180		25.721				ND	
	103 Hexachlorobutadiene	225		25.902				ND	
	104 Naphthalene	128		26.201				ND	
$	108 4-Bromofluorobenzene	95	20.891	20.896	-0.005	92	713786	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

ATTO15CISs_00006 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 10-Mar-2015 11:04:44 Chrom Revision: 2.2 06-Mar-2015 13:13:48

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20150309-12454.b\12454_26.D

Injection Date:	10-Mar-2015 05:49:30	Instrument ID:	CHC.i	Operator ID:	pad
Lims ID:	200-26976-A-9	Lab Sample ID:	200-26976-9	Worklist Smp#:	26
Client ID:	5061				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	28
Method:	TO15_LLNJ_TO3_CHC	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1