ANALYTICAL REPORT

Lab Number:	L2164341
Client:	Partner Engineering & Science, Inc. 135 Chestnut Ridge Rd Suite L101 Montvale, NJ 07645
ATTN:	Ryan Reynics
Phone:	(201) 984-7751
Project Name:	UHAUL-NEW ROCHELLE
Project Number:	21393176
Report Date:	11/30/21

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2164341-01	IA-1	AIR	NY	11/18/21 11:00	11/19/21
L2164341-02	IA-2	AIR	NY	11/18/21 10:50	11/19/21
L2164341-03	IA-3	AIR	NY	11/18/21 10:45	11/19/21
L2164341-04	AA-1	AIR	NY	11/18/21 10:35	11/19/21
L2164341-05	VP-1	SOIL_VAPOR	NY	11/17/21 10:20	11/19/21
L2164341-06	VP-2	SOIL_VAPOR	NY	11/17/21 10:30	11/19/21
L2164341-07	VP-3	SOIL_VAPOR	NY	11/17/21 10:35	11/19/21

Project Name:	UHAUL-NEW ROCHELLE	**Lab Number:**	L2164341
Project Number:	21393176	**Report Date:**	11/30/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: UHAUL-NEW ROCHELLE **Lab Number:** L2164341
Project Number: 21393176 **Report Date:** 11/30/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on November 16, 2021. The canister certification results are provided as an addendum.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

L2164341-02: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2164341-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1575280-3 LCS recoveries for vinyl bromide (65%) are outside the 70%-130% acceptance limit. This analyte was reported via TO15-SIM for all the associated samples.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 11/30/21

AIR

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-01
Client ID: IA-1
Sample Location: NY

Date Collected: 11/18/21 11:00
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/23/21 22:37
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.437	0.200	0.058	2.16	0.989	0.288		1
Chloromethane	0.667	0.200	0.069	1.38	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
1,3-Butadiene	0.235	0.200	0.067	0.520	0.442	0.148		1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	72.8	5.00	0.733	137	9.42	1.38		1
Acetone	221	1.00	0.689	525	2.38	1.64		1
Trichlorofluoromethane	0.190	0.200	0.069	1.07	1.12	0.386	J	1
Isopropanol	10.9	0.500	0.478	26.8	1.23	1.17		1
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	0.432	0.500	0.134	1.50	1.74	0.466	J	1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	0.060	0.200	0.056	0.187	0.623	0.174	J	1
Freon-113	0.071	0.200	0.066	0.544	1.53	0.503	J	1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
2-Butanone	4.87	0.500	0.048	14.4	1.47	0.142		1
Ethyl Acetate	1.34	0.500	0.122	4.83	1.80	0.440		1
Chloroform	0.289	0.200	0.063	1.41	0.977	0.309		1
Tetrahydrofuran	5.47	0.500	0.057	16.1	1.47	0.168		1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-01
Client ID: IA-1
Sample Location: NY

Date Collected: 11/18/21 11:00
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
n-Hexane	4.59	0.200	0.036	16.2	0.705	0.128		1
Benzene	2.15	0.200	0.049	6.87	0.639	0.156		1
Cyclohexane	1.58	0.200	0.037	5.44	0.688	0.127		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
2,2,4-Trimethylpentane	3.31	0.200	0.036	15.5	0.934	0.169		1
Heptane	2.82	0.200	0.047	11.6	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	0.646	0.500	0.042	2.65	2.05	0.173		1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	13.9	0.200	0.052	52.4	0.754	0.196		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	1.96	0.200	0.043	8.51	0.869	0.188		1
p/m-Xylene	6.56	0.400	0.091	28.5	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	1.26	0.200	0.043	5.36	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1
o-Xylene	2.36	0.200	0.045	10.3	0.869	0.197		1
4-Ethyltoluene	0.442	0.200	0.037	2.17	0.983	0.182		1
1,3,5-Trimethylbenzene	0.502	0.200	0.068	2.47	0.983	0.332		1
1,2,4-Trimethylbenzene	2.13	0.200	0.037	10.5	0.983	0.181		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-01
Client ID: IA-1
Sample Location: NY

Date Collected: 11/18/21 11:00
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	4.60	0.200	0.064	27.7	1.20	0.382		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	86		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-01
Client ID: IA-1
Sample Location: NY

Date Collected: 11/18/21 11:00
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/23/21 22:37
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	0.007	ND	0.051	0.018		1
Vinyl bromide	ND	0.200	0.010	ND	0.874	0.043		1
1,1-Dichloroethene	0.151	0.020	0.008	0.599	0.079	0.033		1
cis-1,2-Dichloroethene	0.010	0.020	0.010	0.040	0.079	0.038	J	1
1,1,1-Trichloroethane	0.513	0.020	0.008	2.80	0.109	0.045		1
Carbon tetrachloride	0.088	0.020	0.010	0.554	0.126	0.063		1
Trichloroethene	0.167	0.020	0.006	0.897	0.107	0.033		1
Tetrachloroethene	0.903	0.020	0.008	6.12	0.136	0.053		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	92		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	85		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-02
Client ID: IA-2
Sample Location: NY

Date Collected: 11/18/21 10:50
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/24/21 00:07
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.456	0.200	0.058	2.25	0.989	0.288		1
Chloromethane	0.554	0.200	0.069	1.14	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
1,3-Butadiene	0.158	0.200	0.067	0.350	0.442	0.148	J	1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	15.5	5.00	0.733	29.2	9.42	1.38		1
Acetone	621	1.00	0.689	1480	2.38	1.64	E	1
Trichlorofluoromethane	0.205	0.200	0.069	1.15	1.12	0.386		1
Isopropanol	3.09	0.500	0.478	7.60	1.23	1.17		1
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	0.196	0.500	0.134	0.681	1.74	0.466	J	1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	ND	0.200	0.056	ND	0.623	0.174		1
Freon-113	0.075	0.200	0.066	0.575	1.53	0.503	J	1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
2-Butanone	0.658	0.500	0.048	1.94	1.47	0.142		1
Ethyl Acetate	0.123	0.500	0.122	0.443	1.80	0.440	J	1
Chloroform	0.078	0.200	0.063	0.381	0.977	0.309	J	1
Tetrahydrofuran	0.114	0.500	0.057	0.336	1.47	0.168	J	1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-02
Client ID: IA-2
Sample Location: NY

Date Collected: 11/18/21 10:50
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
n-Hexane	0.646	0.200	0.036	2.28	0.705	0.128		1
Benzene	0.721	0.200	0.049	2.30	0.639	0.156		1
Cyclohexane	0.253	0.200	0.037	0.871	0.688	0.127		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
2,2,4-Trimethylpentane	0.547	0.200	0.036	2.55	0.934	0.169		1
Heptane	1.48	0.200	0.047	6.07	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	0.089	0.500	0.042	0.365	2.05	0.173	J	1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	3.48	0.200	0.052	13.1	0.754	0.196		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	0.319	0.200	0.043	1.39	0.869	0.188		1
p/m-Xylene	1.02	0.400	0.091	4.43	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	0.099	0.200	0.043	0.422	0.852	0.185	J	1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1
o-Xylene	0.368	0.200	0.045	1.60	0.869	0.197		1
4-Ethyltoluene	0.076	0.200	0.037	0.374	0.983	0.182	J	1
1,3,5-Trimethylbenzene	0.090	0.200	0.068	0.442	0.983	0.332	J	1
1,2,4-Trimethylbenzene	0.360	0.200	0.037	1.77	0.983	0.181		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-02
Client ID: IA-2
Sample Location: NY

Date Collected: 11/18/21 10:50
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	0.105	0.200	0.064	0.631	1.20	0.382	J	1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	88		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-02
Client ID: IA-2
Sample Location: NY

Date Collected: 11/18/21 10:50
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/24/21 00:07
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	0.007	ND	0.051	0.018		1
Vinyl bromide	ND	0.200	0.010	ND	0.874	0.043		1
1,1-Dichloroethene	0.100	0.020	0.008	0.396	0.079	0.033		1
cis-1,2-Dichloroethene	0.011	0.020	0.010	0.044	0.079	0.038	J	1
1,1,1-Trichloroethane	0.272	0.020	0.008	1.48	0.109	0.045		1
Carbon tetrachloride	0.068	0.020	0.010	0.428	0.126	0.063		1
Trichloroethene	0.066	0.020	0.006	0.355	0.107	0.033		1
Tetrachloroethene	0.428	0.020	0.008	2.90	0.136	0.053		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	88		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-02 D
Client ID: IA-2
Sample Location: NY

Date Collected: 11/18/21 10:50
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/24/21 06:39
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acetone	721	2.50	1.72	1710	5.94	4.09		2.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	85		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	84		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-03
Client ID: IA-3
Sample Location: NY

Date Collected: 11/18/21 10:45
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/24/21 00:47
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.430	0.200	0.058	2.13	0.989	0.288		1
Chloromethane	0.514	0.200	0.069	1.06	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
1,3-Butadiene	0.175	0.200	0.067	0.387	0.442	0.148	J	1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	7.09	5.00	0.733	13.4	9.42	1.38		1
Acetone	67.5	1.00	0.689	160	2.38	1.64		1
Trichlorofluoromethane	0.190	0.200	0.069	1.07	1.12	0.386	J	1
Isopropanol	0.966	0.500	0.478	2.37	1.23	1.17		1
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	0.185	0.500	0.134	0.643	1.74	0.466	J	1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	ND	0.200	0.056	ND	0.623	0.174		1
Freon-113	0.067	0.200	0.066	0.514	1.53	0.503	J	1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
2-Butanone	0.259	0.500	0.048	0.764	1.47	0.142	J	1
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	0.111	0.200	0.063	0.542	0.977	0.309	J	1
Tetrahydrofuran	0.079	0.500	0.057	0.233	1.47	0.168	J	1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-03
Client ID: IA-3
Sample Location: NY

Date Collected: 11/18/21 10:45
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
n-Hexane	0.585	0.200	0.036	2.06	0.705	0.128		1
Benzene	0.658	0.200	0.049	2.10	0.639	0.156		1
Cyclohexane	0.227	0.200	0.037	0.781	0.688	0.127		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
2,2,4-Trimethylpentane	0.506	0.200	0.036	2.36	0.934	0.169		1
Heptane	0.427	0.200	0.047	1.75	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	0.053	0.500	0.042	0.217	2.05	0.173	J	1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	1.36	0.200	0.052	5.13	0.754	0.196		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	0.245	0.200	0.043	1.06	0.869	0.188		1
p/m-Xylene	0.747	0.400	0.091	3.24	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	0.113	0.200	0.043	0.481	0.852	0.185	J	1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1
o-Xylene	0.293	0.200	0.045	1.27	0.869	0.197		1
4-Ethyltoluene	0.056	0.200	0.037	0.275	0.983	0.182	J	1
1,3,5-Trimethylbenzene	0.071	0.200	0.068	0.349	0.983	0.332	J	1
1,2,4-Trimethylbenzene	0.261	0.200	0.037	1.28	0.983	0.181		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-03
Client ID: IA-3
Sample Location: NY

Date Collected: 11/18/21 10:45
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	92		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-03
Client ID: IA-3
Sample Location: NY

Date Collected: 11/18/21 10:45
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/24/21 00:47
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	0.007	ND	0.051	0.018		1
Vinyl bromide	ND	0.200	0.010	ND	0.874	0.043		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.033		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.038		1
1,1,1-Trichloroethane	0.028	0.020	0.008	0.153	0.109	0.045		1
Carbon tetrachloride	0.066	0.020	0.010	0.415	0.126	0.063		1
Trichloroethene	0.022	0.020	0.006	0.118	0.107	0.033		1
Tetrachloroethene	0.181	0.020	0.008	1.23	0.136	0.053		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	92		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-04
Client ID: AA-1
Sample Location: NY

Date Collected: 11/18/21 10:35
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/23/21 20:31
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.451	0.200	0.058	2.23	0.989	0.288		1
Chloromethane	0.566	0.200	0.069	1.17	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
1,3-Butadiene	0.094	0.200	0.067	0.208	0.442	0.148	J	1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	5.34	5.00	0.733	10.1	9.42	1.38		1
Acetone	9.46	1.00	0.689	22.5	2.38	1.64		1
Trichlorofluoromethane	0.200	0.200	0.069	1.12	1.12	0.386		1
Isopropanol	0.737	0.500	0.478	1.81	1.23	1.17		1
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	0.189	0.500	0.134	0.657	1.74	0.466	J	1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	ND	0.200	0.056	ND	0.623	0.174		1
Freon-113	0.073	0.200	0.066	0.560	1.53	0.503	J	1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
2-Butanone	0.268	0.500	0.048	0.790	1.47	0.142	J	1
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	ND	0.200	0.063	ND	0.977	0.309		1
Tetrahydrofuran	0.069	0.500	0.057	0.204	1.47	0.168	J	1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-04
Client ID: AA-1
Sample Location: NY

Date Collected: 11/18/21 10:35
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
n-Hexane	0.453	0.200	0.036	1.60	0.705	0.128		1
Benzene	0.497	0.200	0.049	1.59	0.639	0.156		1
Cyclohexane	0.176	0.200	0.037	0.606	0.688	0.127	J	1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
2,2,4-Trimethylpentane	0.337	0.200	0.036	1.57	0.934	0.169		1
Heptane	0.248	0.200	0.047	1.02	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	ND	0.500	0.042	ND	2.05	0.173		1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	0.997	0.200	0.052	3.76	0.754	0.196		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	0.313	0.200	0.043	1.36	0.869	0.188		1
p/m-Xylene	0.520	0.400	0.091	2.26	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1
o-Xylene	0.206	0.200	0.045	0.895	0.869	0.197		1
4-Ethyltoluene	ND	0.200	0.037	ND	0.983	0.182		1
1,3,5-Trimethylbenzene	ND	0.200	0.068	ND	0.983	0.332		1
1,2,4-Trimethylbenzene	0.172	0.200	0.037	0.846	0.983	0.181	J	1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-04
Client ID: AA-1
Sample Location: NY

Date Collected: 11/18/21 10:35
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	92		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-04
Client ID: AA-1
Sample Location: NY

Date Collected: 11/18/21 10:35
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/23/21 20:31
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	0.007	ND	0.051	0.018		1
Vinyl bromide	ND	0.200	0.010	ND	0.874	0.043		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.033		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.038		1
1,1,1-Trichloroethane	0.012	0.020	0.008	0.066	0.109	0.045	J	1
Carbon tetrachloride	0.073	0.020	0.010	0.459	0.126	0.063		1
Trichloroethene	0.016	0.020	0.006	0.086	0.107	0.033	J	1
Tetrachloroethene	0.111	0.020	0.008	0.753	0.136	0.053		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-05
Client ID: VP-1
Sample Location: NY

Date Collected: 11/17/21 10:20
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/25/21 06:15
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.457	0.200	0.058	2.26	0.989	0.288		1
Chloromethane	0.321	0.200	0.069	0.663	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
Vinyl chloride	ND	0.200	0.063	ND	0.511	0.160		1
1,3-Butadiene	0.105	0.200	0.067	0.232	0.442	0.148	J	1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	8.64	5.00	0.733	16.3	9.42	1.38		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.313		1
Acetone	37.9	1.00	0.689	90.0	2.38	1.64		1
Trichlorofluoromethane	0.220	0.200	0.069	1.24	1.12	0.386		1
Isopropanol	0.533	0.500	0.478	1.31	1.23	1.17		1
1,1-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
Tertiary butyl Alcohol	0.675	0.500	0.047	2.05	1.52	0.141		1
Methylene chloride	0.158	0.500	0.134	0.549	1.74	0.466	J	1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	0.110	0.200	0.056	0.343	0.623	0.174	J	1
Freon-113	ND	0.200	0.066	ND	1.53	0.503		1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
2-Butanone	1.39	0.500	0.048	4.10	1.47	0.142		1
cis-1,2-Dichloroethene	ND	0.200	0.117	ND	0.793	0.464		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-05
Client ID: VP-1
Sample Location: NY

Date Collected: 11/17/21 10:20
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	0.488	0.500	0.122	1.76	1.80	0.440	J	1
Chloroform	0.164	0.200	0.063	0.801	0.977	0.309	J	1
Tetrahydrofuran	1.75	0.500	0.057	5.16	1.47	0.168		1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1
n-Hexane	1.56	0.200	0.036	5.50	0.705	0.128		1
1,1,1-Trichloroethane	1.31	0.200	0.050	7.15	1.09	0.273		1
Benzene	0.616	0.200	0.049	1.97	0.639	0.156		1
Carbon tetrachloride	0.062	0.200	0.050	0.390	1.26	0.314	J	1
Cyclohexane	0.549	0.200	0.037	1.89	0.688	0.127		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
Trichloroethene	ND	0.200	0.051	ND	1.07	0.271		1
2,2,4-Trimethylpentane	1.08	0.200	0.036	5.04	0.934	0.169		1
Heptane	0.916	0.200	0.047	3.75	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	0.261	0.500	0.042	1.07	2.05	0.173	J	1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	4.44	0.200	0.052	16.7	0.754	0.196		1
2-Hexanone	0.084	0.200	0.065	0.344	0.820	0.266	J	1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Tetrachloroethene	25.0	0.200	0.066	170	1.36	0.444		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	43.5	0.200	0.043	189	0.869	0.188		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-05
Client ID: VP-1
Sample Location: NY

Date Collected: 11/17/21 10:20
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	89.3	0.400	0.091	388	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1
o-Xylene	23.7	0.200	0.045	103	0.869	0.197		1
4-Ethyltoluene	0.366	0.200	0.037	1.80	0.983	0.182		1
1,3,5-Trimethylbenzene	0.622	0.200	0.068	3.06	0.983	0.332		1
1,2,4-Trimethylbenzene	2.91	0.200	0.037	14.3	0.983	0.181		1
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	0.168	0.200	0.064	1.01	1.20	0.382	J	1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	101		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-06
Client ID: VP-2
Sample Location: NY

Date Collected: 11/17/21 10:30
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/25/21 06:54
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.426	0.200	0.058	2.11	0.989	0.288		1
Chloromethane	0.229	0.200	0.069	0.473	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
Vinyl chloride	ND	0.200	0.063	ND	0.511	0.160		1
1,3-Butadiene	0.130	0.200	0.067	0.288	0.442	0.148	J	1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	2.02	5.00	0.733	3.81	9.42	1.38	J	1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.313		1
Acetone	45.2	1.00	0.689	107	2.38	1.64		1
Trichlorofluoromethane	0.251	0.200	0.069	1.41	1.12	0.386		1
Isopropanol	ND	0.500	0.478	ND	1.23	1.17		1
1,1-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
Tertiary butyl Alcohol	0.227	0.500	0.047	0.688	1.52	0.141	J	1
Methylene chloride	ND	0.500	0.134	ND	1.74	0.466		1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	0.122	0.200	0.056	0.380	0.623	0.174	J	1
Freon-113	0.277	0.200	0.066	2.12	1.53	0.503		1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
2-Butanone	0.655	0.500	0.048	1.93	1.47	0.142		1
cis-1,2-Dichloroethene	ND	0.200	0.117	ND	0.793	0.464		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-06
Client ID: VP-2
Sample Location: NY

Date Collected: 11/17/21 10:30
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	ND	0.200	0.063	ND	0.977	0.309		1
Tetrahydrofuran	0.115	0.500	0.057	0.339	1.47	0.168	J	1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1
n-Hexane	0.856	0.200	0.036	3.02	0.705	0.128		1
1,1,1-Trichloroethane	30.7	0.200	0.050	168	1.09	0.273		1
Benzene	0.478	0.200	0.049	1.53	0.639	0.156		1
Carbon tetrachloride	0.063	0.200	0.050	0.396	1.26	0.314	J	1
Cyclohexane	0.331	0.200	0.037	1.14	0.688	0.127		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
Trichloroethene	0.247	0.200	0.051	1.33	1.07	0.271		1
2,2,4-Trimethylpentane	0.694	0.200	0.036	3.24	0.934	0.169		1
Heptane	0.741	0.200	0.047	3.04	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	0.076	0.500	0.042	0.311	2.05	0.173	J	1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	2.09	0.200	0.052	7.88	0.754	0.196		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Tetrachloroethene	4.26	0.200	0.066	28.9	1.36	0.444		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	0.821	0.200	0.043	3.57	0.869	0.188		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-06
Client ID: VP-2
Sample Location: NY

Date Collected: 11/17/21 10:30
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.67	0.400	0.091	15.9	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1
o-Xylene	1.58	0.200	0.045	6.86	0.869	0.197		1
4-Ethyltoluene	0.372	0.200	0.037	1.83	0.983	0.182		1
1,3,5-Trimethylbenzene	0.619	0.200	0.068	3.04	0.983	0.332		1
1,2,4-Trimethylbenzene	2.77	0.200	0.037	13.6	0.983	0.181		1
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	108		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-07
Client ID: VP-3
Sample Location: NY

Date Collected: 11/17/21 10:35
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/25/21 07:34
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.490	0.200	0.058	2.42	0.989	0.288		1
Chloromethane	0.300	0.200	0.069	0.620	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
Vinyl chloride	ND	0.200	0.063	ND	0.511	0.160		1
1,3-Butadiene	ND	0.200	0.067	ND	0.442	0.148		1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	1.38	5.00	0.733	2.60	9.42	1.38	J	1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.313		1
Acetone	14.8	1.00	0.689	35.2	2.38	1.64		1
Trichlorofluoromethane	0.222	0.200	0.069	1.25	1.12	0.386		1
Isopropanol	ND	0.500	0.478	ND	1.23	1.17		1
1,1-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
Tertiary butyl Alcohol	0.290	0.500	0.047	0.879	1.52	0.141	J	1
Methylene chloride	ND	0.500	0.134	ND	1.74	0.466		1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	0.063	0.200	0.056	0.196	0.623	0.174	J	1
Freon-113	ND	0.200	0.066	ND	1.53	0.503		1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
2-Butanone	0.770	0.500	0.048	2.27	1.47	0.142		1
cis-1,2-Dichloroethene	ND	0.200	0.117	ND	0.793	0.464		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-07
Client ID: VP-3
Sample Location: NY

Date Collected: 11/17/21 10:35
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	0.680	0.200	0.063	3.32	0.977	0.309		1
Tetrahydrofuran	0.342	0.500	0.057	1.01	1.47	0.168	J	1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1
n-Hexane	0.336	0.200	0.036	1.18	0.705	0.128		1
1,1,1-Trichloroethane	1.47	0.200	0.050	8.02	1.09	0.273		1
Benzene	0.275	0.200	0.049	0.879	0.639	0.156		1
Carbon tetrachloride	ND	0.200	0.050	ND	1.26	0.314		1
Cyclohexane	0.128	0.200	0.037	0.441	0.688	0.127	J	1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
Trichloroethene	ND	0.200	0.051	ND	1.07	0.271		1
2,2,4-Trimethylpentane	0.203	0.200	0.036	0.948	0.934	0.169		1
Heptane	0.268	0.200	0.047	1.10	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	0.109	0.500	0.042	0.447	2.05	0.173	J	1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	1.11	0.200	0.052	4.18	0.754	0.196		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Tetrachloroethene	0.365	0.200	0.066	2.48	1.36	0.444		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	0.454	0.200	0.043	1.97	0.869	0.188		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

SAMPLE RESULTS

Lab ID: L2164341-07
Client ID: VP-3
Sample Location: NY

Date Collected: 11/17/21 10:35
Date Received: 11/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.20	0.400	0.091	9.56	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1
o-Xylene	1.00	0.200	0.045	4.34	0.869	0.197		1
4-Ethyltoluene	0.293	0.200	0.037	1.44	0.983	0.182		1
1,3,5-Trimethylbenzene	0.425	0.200	0.068	2.09	0.983	0.332		1
1,2,4-Trimethylbenzene	2.00	0.200	0.037	9.83	0.983	0.181		1
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	110		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 11/23/21 18:41

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-04 Batch: WG1575279-4								
Vinyl chloride	ND	0.020	0.007	ND	0.051	0.018		1
Vinyl bromide	ND	0.200	0.010	ND	0.874	0.043		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.033		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.038		1
1,1,1-Trichloroethane	ND	0.020	0.008	ND	0.109	0.045		1
Carbon tetrachloride	ND	0.020	0.010	ND	0.126	0.063		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.033		1
Tetrachloroethene	ND	0.020	0.008	ND	0.136	0.053		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/23/21 18:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1575280-4								
Dichlorodifluoromethane	ND	0.200	0.058	ND	0.989	0.288		1
Chloromethane	ND	0.200	0.069	ND	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
Vinyl chloride	ND	0.200	0.063	ND	0.511	0.160		1
1,3-Butadiene	ND	0.200	0.067	ND	0.442	0.148		1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	1.14	5.00	0.733	2.15	9.42	1.38	J	1
Acetone	ND	1.00	0.689	ND	2.38	1.64		1
Trichlorofluoromethane	ND	0.200	0.069	ND	1.12	0.386		1
Isopropanol	ND	0.500	0.478	ND	1.23	1.17		1
1,1-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	ND	0.500	0.134	ND	1.74	0.466		1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	ND	0.200	0.056	ND	0.623	0.174		1
Freon-113	ND	0.200	0.066	ND	1.53	0.503		1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
2-Butanone	ND	0.500	0.048	ND	1.47	0.142		1
cis-1,2-Dichloroethene	ND	0.200	0.117	ND	0.793	0.464		1
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	ND	0.200	0.063	ND	0.977	0.309		1
Tetrahydrofuran	ND	0.500	0.057	ND	1.47	0.168		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/23/21 18:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1575280-4								
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1
n-Hexane	ND	0.200	0.036	ND	0.705	0.128		1
1,1,1-Trichloroethane	ND	0.200	0.050	ND	1.09	0.273		1
Benzene	ND	0.200	0.049	ND	0.639	0.156		1
Carbon tetrachloride	ND	0.200	0.050	ND	1.26	0.314		1
Cyclohexane	ND	0.200	0.037	ND	0.688	0.127		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
Trichloroethene	ND	0.200	0.051	ND	1.07	0.271		1
2,2,4-Trimethylpentane	ND	0.200	0.036	ND	0.934	0.169		1
Heptane	ND	0.200	0.047	ND	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	ND	0.500	0.042	ND	2.05	0.173		1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	ND	0.200	0.052	ND	0.754	0.196		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Tetrachloroethene	ND	0.200	0.066	ND	1.36	0.444		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	ND	0.200	0.043	ND	0.869	0.188		1
p/m-Xylene	ND	0.400	0.091	ND	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/23/21 18:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1575280-4								
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1
o-Xylene	ND	0.200	0.045	ND	0.869	0.197		1
4-Ethyltoluene	ND	0.200	0.037	ND	0.983	0.182		1
1,3,5-Trimethylbenzene	ND	0.200	0.068	ND	0.983	0.332		1
1,2,4-Trimethylbenzene	ND	0.200	0.037	ND	0.983	0.181		1
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
1,2,4-Trichlorobenzene	0.118	0.200	0.067	0.876	1.48	0.500	J	1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/24/21 16:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05-07 Batch: WG1575757-4								
Dichlorodifluoromethane	ND	0.200	0.058	ND	0.989	0.288		1
Chloromethane	ND	0.200	0.069	ND	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
Vinyl chloride	ND	0.200	0.063	ND	0.511	0.160		1
1,3-Butadiene	ND	0.200	0.067	ND	0.442	0.148		1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	ND	5.00	0.733	ND	9.42	1.38		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.313		1
Acetone	ND	1.00	0.689	ND	2.38	1.64		1
Trichlorofluoromethane	ND	0.200	0.069	ND	1.12	0.386		1
Isopropanol	ND	0.500	0.478	ND	1.23	1.17		1
1,1-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	ND	0.500	0.134	ND	1.74	0.466		1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	ND	0.200	0.056	ND	0.623	0.174		1
Freon-113	ND	0.200	0.066	ND	1.53	0.503		1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
2-Butanone	ND	0.500	0.048	ND	1.47	0.142		1
cis-1,2-Dichloroethene	ND	0.200	0.117	ND	0.793	0.464		1
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	ND	0.200	0.063	ND	0.977	0.309		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/24/21 16:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05-07 Batch: WG1575757-4								
Tetrahydrofuran	ND	0.500	0.057	ND	1.47	0.168		1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1
n-Hexane	ND	0.200	0.036	ND	0.705	0.128		1
1,1,1-Trichloroethane	ND	0.200	0.050	ND	1.09	0.273		1
Benzene	ND	0.200	0.049	ND	0.639	0.156		1
Carbon tetrachloride	ND	0.200	0.050	ND	1.26	0.314		1
Cyclohexane	ND	0.200	0.037	ND	0.688	0.127		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
Trichloroethene	ND	0.200	0.051	ND	1.07	0.271		1
2,2,4-Trimethylpentane	ND	0.200	0.036	ND	0.934	0.169		1
Heptane	ND	0.200	0.047	ND	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	ND	0.500	0.042	ND	2.05	0.173		1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	ND	0.200	0.052	ND	0.754	0.196		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Tetrachloroethene	ND	0.200	0.066	ND	1.36	0.444		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	ND	0.200	0.043	ND	0.869	0.188		1
p/m-Xylene	ND	0.400	0.091	ND	1.74	0.395		1

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176
Lab Number: L2164341
Report Date: 11/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/24/21 16:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05-07 Batch: WG1575757-4								
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1
o-Xylene	ND	0.200	0.045	ND	0.869	0.197		1
4-Ethyltoluene	ND	0.200	0.037	ND	0.983	0.182		1
1,3,5-Trimethylbenzene	ND	0.200	0.068	ND	0.983	0.332		1
1,2,4-Trimethylbenzene	ND	0.200	0.037	ND	0.983	0.181		1
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE

Project Number: 21393176

Lab Number: L2164341

Report Date: 11/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04 Batch: WG1575279-3								
Vinyl chloride	84		-		70-130	-		25
Vinyl bromide	80		-		70-130	-		25
1,1-Dichloroethene	83		-		70-130	-		25
cis-1,2-Dichloroethene	87		-		70-130	-		25
1,1,1-Trichloroethane	102		-		70-130	-		25
Carbon tetrachloride	86		-		70-130	-		25
Trichloroethene	93		-		70-130	-		25
Tetrachloroethene	83		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE

Project Number: 21393176

Lab Number: L2164341

Report Date: 11/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1575280-3								
Dichlorodifluoromethane	86		-		70-130	-		
Chloromethane	94		-		70-130	-		
Freon-114	90		-		70-130	-		
Vinyl chloride	85		-		70-130	-		
1,3-Butadiene	92		-		70-130	-		
Bromomethane	87		-		70-130	-		
Chloroethane	82		-		70-130	-		
Ethanol	90		-		40-160	-		
Vinyl bromide	**65**	Q	-		70-130	-		
Acetone	69		-		40-160	-		
Trichlorofluoromethane	85		-		70-130	-		
Isopropanol	83		-		40-160	-		
1,1-Dichloroethene	85		-		70-130	-		
Tertiary butyl Alcohol	97		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	85		-		70-130	-		
Carbon disulfide	72		-		70-130	-		
Freon-113	89		-		70-130	-		
trans-1,2-Dichloroethene	80		-		70-130	-		
1,1-Dichloroethane	84		-		70-130	-		
Methyl tert butyl ether	80		-		70-130	-		
2-Butanone	93		-		70-130	-		
cis-1,2-Dichloroethene	88		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE

Project Number: 21393176

Lab Number: L2164341

Report Date: 11/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1575280-3								
Ethyl Acetate	84		-		70-130	-		
Chloroform	88		-		70-130	-		
Tetrahydrofuran	91		-		70-130	-		
1,2-Dichloroethane	85		-		70-130	-		
n-Hexane	83		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
Benzene	86		-		70-130	-		
Carbon tetrachloride	90		-		70-130	-		
Cyclohexane	85		-		70-130	-		
1,2-Dichloropropane	95		-		70-130	-		
Bromodichloromethane	91		-		70-130	-		
1,4-Dioxane	109		-		70-130	-		
Trichloroethene	97		-		70-130	-		
2,2,4-Trimethylpentane	88		-		70-130	-		
Heptane	94		-		70-130	-		
cis-1,3-Dichloropropene	103		-		70-130	-		
4-Methyl-2-pentanone	107		-		70-130	-		
trans-1,3-Dichloropropene	90		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	89		-		70-130	-		
2-Hexanone	100		-		70-130	-		
Dibromochloromethane	88		-		70-130	-		
1,2-Dibromoethane	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE

Project Number: 21393176

Lab Number: L2164341

Report Date: 11/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1575280-3								
Tetrachloroethene	88		-		70-130	-		
Chlorobenzene	89		-		70-130	-		
Ethylbenzene	93		-		70-130	-		
p/m-Xylene	93		-		70-130	-		
Bromoform	88		-		70-130	-		
Styrene	93		-		70-130	-		
1,1,2,2-Tetrachloroethane	95		-		70-130	-		
o-Xylene	95		-		70-130	-		
4-Ethyltoluene	88		-		70-130	-		
1,3,5-Trimethylbenzene	98		-		70-130	-		
1,2,4-Trimethylbenzene	98		-		70-130	-		
Benzyl chloride	92		-		70-130	-		
1,3-Dichlorobenzene	95		-		70-130	-		
1,4-Dichlorobenzene	93		-		70-130	-		
1,2-Dichlorobenzene	96		-		70-130	-		
1,2,4-Trichlorobenzene	117		-		70-130	-		
Hexachlorobutadiene	105		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE

Project Number: 21393176

Lab Number: L2164341

Report Date: 11/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-07 Batch: WG1575757-3								
Dichlorodifluoromethane	108		-		70-130	-		
Chloromethane	103		-		70-130	-		
Freon-114	106		-		70-130	-		
Vinyl chloride	105		-		70-130	-		
1,3-Butadiene	109		-		70-130	-		
Bromomethane	103		-		70-130	-		
Chloroethane	111		-		70-130	-		
Ethanol	108		-		40-160	-		
Vinyl bromide	100		-		70-130	-		
Acetone	96		-		40-160	-		
Trichlorofluoromethane	102		-		70-130	-		
Isopropanol	96		-		40-160	-		
1,1-Dichloroethene	104		-		70-130	-		
Tertiary butyl Alcohol	106		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	104		-		70-130	-		
Carbon disulfide	87		-		70-130	-		
Freon-113	96		-		70-130	-		
trans-1,2-Dichloroethene	99		-		70-130	-		
1,1-Dichloroethane	99		-		70-130	-		
Methyl tert butyl ether	94		-		70-130	-		
2-Butanone	96		-		70-130	-		
cis-1,2-Dichloroethene	104		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE

Project Number: 21393176

Lab Number: L2164341

Report Date: 11/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-07 Batch: WG1575757-3								
Ethyl Acetate	106		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	93		-		70-130	-		
1,2-Dichloroethane	109		-		70-130	-		
n-Hexane	106		-		70-130	-		
1,1,1-Trichloroethane	112		-		70-130	-		
Benzene	85		-		70-130	-		
Carbon tetrachloride	118		-		70-130	-		
Cyclohexane	105		-		70-130	-		
1,2-Dichloropropane	106		-		70-130	-		
Bromodichloromethane	111		-		70-130	-		
1,4-Dioxane	104		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	108		-		70-130	-		
Heptane	103		-		70-130	-		
cis-1,3-Dichloropropene	107		-		70-130	-		
4-Methyl-2-pentanone	108		-		70-130	-		
trans-1,3-Dichloropropene	95		-		70-130	-		
1,1,2-Trichloroethane	101		-		70-130	-		
Toluene	79		-		70-130	-		
2-Hexanone	92		-		70-130	-		
Dibromochloromethane	103		-		70-130	-		
1,2-Dibromoethane	86		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE

Project Number: 21393176

Lab Number: L2164341

Report Date: 11/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-07 Batch: WG1575757-3								
Tetrachloroethene	85		-		70-130	-		
Chlorobenzene	84		-		70-130	-		
Ethylbenzene	87		-		70-130	-		
p/m-Xylene	88		-		70-130	-		
Bromoform	106		-		70-130	-		
Styrene	84		-		70-130	-		
1,1,2,2-Tetrachloroethane	90		-		70-130	-		
o-Xylene	91		-		70-130	-		
4-Ethyltoluene	85		-		70-130	-		
1,3,5-Trimethylbenzene	86		-		70-130	-		
1,2,4-Trimethylbenzene	92		-		70-130	-		
Benzyl chloride	107		-		70-130	-		
1,3-Dichlorobenzene	88		-		70-130	-		
1,4-Dichlorobenzene	86		-		70-130	-		
1,2-Dichlorobenzene	84		-		70-130	-		
1,2,4-Trichlorobenzene	92		-		70-130	-		
Hexachlorobutadiene	90		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1575279-5 QC Sample: L2164341-01 Client ID: IA-1						
Vinyl chloride	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
1,1-Dichloroethene	0.151	0.146	ppbV	3		25
cis-1,2-Dichloroethene	0.010J	0.012J	ppbV	NC		25
1,1,1-Trichloroethane	0.513	0.503	ppbV	2		25
Carbon tetrachloride	0.088	0.086	ppbV	2		25
Trichloroethene	0.167	0.167	ppbV	0		25
Tetrachloroethene	0.903	0.898	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1575280-5 QC Sample: L2164341-01 Client ID: IA-1						
Dichlorodifluoromethane	0.437	0.422	ppbV	3		25
Chloromethane	0.667	0.634	ppbV	5		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	0.235	0.230	ppbV	2		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	72.8	71.8	ppbV	1		25
Acetone	221	213	ppbV	4		25
Trichlorofluoromethane	0.190J	0.198J	ppbV	NC		25
Isopropanol	10.9	10.8	ppbV	1		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	0.432J	0.430J	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.060J	ND	ppbV	NC		25
Freon-113	0.071J	0.066J	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	4.87	4.84	ppbV	1		25
Ethyl Acetate	1.34	1.34	ppbV	0		25
Chloroform	0.289	0.293	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1575280-5 QC Sample: L2164341-01 Client ID: IA-1						
Tetrahydrofuran	5.47	5.42	ppbV	1		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	4.59	4.52	ppbV	2		25
Benzene	2.15	2.11	ppbV	2		25
Cyclohexane	1.58	1.54	ppbV	3		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	3.31	3.26	ppbV	2		25
Heptane	2.82	2.73	ppbV	3		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	0.646	0.626	ppbV	3		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	13.9	13.6	ppbV	2		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	1.96	1.87	ppbV	5		25
p/m-Xylene	6.56	6.39	ppbV	3		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1575280-5 QC Sample: L2164341-01 Client ID: IA-1						
Bromoform	ND	ND	ppbV	NC		25
Styrene	1.26	1.22	ppbV	3		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	2.36	2.26	ppbV	4		25
4-Ethyltoluene	0.442	0.409	ppbV	8		25
1,3,5-Trimethylbenzene	0.502	0.485	ppbV	3		25
1,2,4-Trimethylbenzene	2.13	2.09	ppbV	2		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	4.60	4.47	ppbV	3		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: UHAUL-NEW ROCHELLE

Project Number: 21393176

Lab Number: L2164341

Report Date: 11/30/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2164341-01	IA-1	01737	Flow 5	11/16/21	370561		-	-	-	Pass	3.0	2.2	31
L2164341-01	IA-1	1556	6.0L Can	11/16/21	370561	L2162300-04	Pass	-29.1	-12.8	-	-	-	-
L2164341-02	IA-2	0320	Flow 1	11/16/21	370561		-	-	-	Pass	3.0	2.8	7
L2164341-02	IA-2	3599	6.0L Can	11/16/21	370561	L2161246-09	Pass	-29.1	-10.4	-	-	-	-
L2164341-03	IA-3	01274	Flow 5	11/16/21	370561		-	-	-	Pass	3.0	2.3	26
L2164341-03	IA-3	1607	6.0L Can	11/16/21	370561	L2161246-09	Pass	-29.0	-8.0	-	-	-	-
L2164341-04	AA-1	01382	Flow 5	11/16/21	370561		-	-	-	Pass	3.0	3.1	3
L2164341-04	AA-1	2321	6.0L Can	11/16/21	370561	L2162300-05	Pass	-29.0	-9.2	-	-	-	-
L2164341-05	VP-1	0809	Flow 1	11/16/21	370561		-	-	-	Pass	72	68	6
L2164341-05	VP-1	187	2.7L Can	11/16/21	370561	L2161707-02	Pass	-29.3	-4.2	-	-	-	-
L2164341-06	VP-2	01707	Flow 1	11/16/21	370561		-	-	-	Pass	72	66	9
L2164341-06	VP-2	123	2.7L Can	11/16/21	370561	L2161707-02	Pass	-29.0	-7.4	-	-	-	-
L2164341-07	VP-3	02133	FLOW 2	11/16/21	370561		-	-	-	Pass	72	69	4
L2164341-07	VP-3	156	2.7L Can	11/16/21	370561	L2161707-02	Pass	-29.1	-6.7	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161246
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161246-09
Client ID: CAN 2844 SHELF 55
Sample Location:

Date Collected: 11/05/21 08:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/12/21 01:16
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	0.058	ND	0.707	0.207		1
Propylene	ND	0.500	0.060	ND	0.861	0.103		1
Propane	ND	0.500	0.132	ND	0.902	0.238		1
Dichlorodifluoromethane	ND	0.200	0.058	ND	0.989	0.288		1
Chloromethane	ND	0.200	0.069	ND	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
Methanol	ND	5.00	1.84	ND	6.55	2.41		1
Vinyl chloride	ND	0.200	0.063	ND	0.511	0.160		1
1,3-Butadiene	ND	0.200	0.067	ND	0.442	0.148		1
Butane	ND	0.200	0.065	ND	0.475	0.154		1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	ND	5.00	0.733	ND	9.42	1.38		1
Dichlorofluoromethane	ND	0.200	0.081	ND	0.842	0.340		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.313		1
Acrolein	ND	0.500	0.060	ND	1.15	0.137		1
Acetone	ND	1.00	0.689	ND	2.38	1.64		1
Acetonitrile	ND	0.200	0.082	ND	0.336	0.138		1
Trichlorofluoromethane	ND	0.200	0.069	ND	1.12	0.386		1
Isopropanol	ND	0.500	0.478	ND	1.23	1.17		1
Acrylonitrile	ND	0.500	0.056	ND	1.09	0.120		1
Pentane	ND	0.200	0.066	ND	0.590	0.194		1
Ethyl ether	ND	0.200	0.074	ND	0.606	0.223		1
1,1-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2161246
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161246-09
Client ID: CAN 2844 SHELF 55
Sample Location:

Date Collected: 11/05/21 08:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	ND	0.500	0.134	ND	1.74	0.466		1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	ND	0.200	0.056	ND	0.623	0.174		1
Freon-113	ND	0.200	0.066	ND	1.53	0.503		1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
Vinyl acetate	ND	1.00	0.048	ND	3.52	0.169		1
2-Butanone	ND	0.500	0.048	ND	1.47	0.142		1
Xylenes, total	ND	0.600	0.045	ND	0.869	0.197		1
cis-1,2-Dichloroethene	ND	0.200	0.117	ND	0.793	0.464		1
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	ND	0.200	0.063	ND	0.977	0.309		1
Tetrahydrofuran	ND	0.500	0.057	ND	1.47	0.168		1
2,2-Dichloropropane	ND	0.200	0.046	ND	0.924	0.212		1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1
n-Hexane	ND	0.200	0.036	ND	0.705	0.128		1
Diisopropyl ether	ND	0.200	0.062	ND	0.836	0.260		1
tert-Butyl Ethyl Ether	ND	0.200	0.042	ND	0.836	0.176		1
1,2-Dichloroethene (total)	ND	1.00	0.064	ND	1.00	0.255		1
1,1,1-Trichloroethane	ND	0.200	0.050	ND	1.09	0.273		1
1,1-Dichloropropene	ND	0.200	0.046	ND	0.908	0.207		1
Benzene	ND	0.200	0.049	ND	0.639	0.156		1
Carbon tetrachloride	ND	0.200	0.050	ND	1.26	0.314		1
Cyclohexane	ND	0.200	0.037	ND	0.688	0.127		1
tert-Amyl Methyl Ether	ND	0.200	0.048	ND	0.836	0.199		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161246
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161246-09
Client ID: CAN 2844 SHELF 55
Sample Location:

Date Collected: 11/05/21 08:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	0.056	ND	1.42	0.400		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
Trichloroethene	ND	0.200	0.051	ND	1.07	0.271		1
2,2,4-Trimethylpentane	ND	0.200	0.036	ND	0.934	0.169		1
Methyl Methacrylate	ND	0.500	0.070	ND	2.05	0.285		1
Heptane	ND	0.200	0.047	ND	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	ND	0.500	0.042	ND	2.05	0.173		1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	ND	0.200	0.052	ND	0.754	0.196		1
1,3-Dichloropropane	ND	0.200	0.106	ND	0.924	0.490		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Butyl acetate	ND	0.500	0.126	ND	2.38	0.599		1
Octane	ND	0.200	0.045	ND	0.934	0.208		1
Tetrachloroethene	ND	0.200	0.066	ND	1.36	0.444		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.056	ND	1.37	0.385		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	ND	0.200	0.043	ND	0.869	0.188		1
p/m-Xylene	ND	0.400	0.091	ND	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161246
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161246-09
Client ID: CAN 2844 SHELF 55
Sample Location:

Date Collected: 11/05/21 08:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	0.045	ND	0.869	0.197		1
1,2,3-Trichloropropane	ND	0.200	0.061	ND	1.21	0.368		1
Nonane	ND	0.200	0.046	ND	1.05	0.243		1
Isopropylbenzene	ND	0.200	0.049	ND	0.983	0.241		1
Bromobenzene	ND	0.200	0.061	ND	0.793	0.243		1
2-Chlorotoluene	ND	0.200	0.049	ND	1.04	0.252		1
n-Propylbenzene	ND	0.200	0.042	ND	0.983	0.206		1
4-Chlorotoluene	ND	0.200	0.056	ND	1.04	0.290		1
4-Ethyltoluene	ND	0.200	0.037	ND	0.983	0.182		1
1,3,5-Trimethylbenzene	ND	0.200	0.068	ND	0.983	0.332		1
tert-Butylbenzene	ND	0.200	0.042	ND	1.10	0.231		1
1,2,4-Trimethylbenzene	ND	0.200	0.037	ND	0.983	0.181		1
Decane	ND	0.200	0.040	ND	1.16	0.235		1
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
sec-Butylbenzene	ND	0.200	0.043	ND	1.10	0.235		1
p-Isopropyltoluene	ND	0.200	0.052	ND	1.10	0.285		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
n-Butylbenzene	ND	0.200	0.044	ND	1.10	0.242		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.050	ND	1.93	0.478		1
Undecane	ND	0.200	0.043	ND	1.28	0.273		1
Dodecane	ND	0.200	0.066	ND	1.39	0.458		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Naphthalene	ND	0.200	0.089	ND	1.05	0.464		1
1,2,3-Trichlorobenzene	ND	0.200	0.072	ND	1.48	0.531		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161246
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161246-09
Client ID: CAN 2844 SHELF 55
Sample Location:

Date Collected: 11/05/21 08:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2161246

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2161246-09
Client ID: CAN 2844 SHELF 55
Sample Location:

Date Collected: 11/05/21 08:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/21 01:16
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	0.018	ND	0.989	0.089		1
Chloromethane	ND	0.200	0.024	ND	0.413	0.050		1
Freon-114	ND	0.050	0.007	ND	0.349	0.050		1
Vinyl chloride	ND	0.020	0.007	ND	0.051	0.018		1
1,3-Butadiene	ND	0.020	0.010	ND	0.044	0.022		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.033		1
Chloroethane	ND	0.100	0.014	ND	0.264	0.036		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.299	ND	2.38	0.710		1
Trichlorofluoromethane	ND	0.050	0.010	ND	0.281	0.053		1
Acrylonitrile	ND	0.500	0.025	ND	1.09	0.053		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.033		1
Methylene chloride	ND	0.500	0.013	ND	1.74	0.046		1
Freon-113	ND	0.050	0.009	ND	0.383	0.067		1
trans-1,2-Dichloroethene	ND	0.020	0.008	ND	0.079	0.030		1
1,1-Dichloroethane	ND	0.020	0.007	ND	0.081	0.030		1
Methyl tert butyl ether	ND	0.200	0.008	ND	0.721	0.030		1
2-Butanone	ND	0.500	0.027	ND	1.47	0.080		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.038		1
Chloroform	ND	0.020	0.009	ND	0.098	0.044		1
1,2-Dichloroethane	ND	0.020	0.010	ND	0.081	0.039		1
1,1,1-Trichloroethane	ND	0.020	0.008	ND	0.109	0.045		1
Benzene	ND	0.100	0.005	ND	0.319	0.016		1
Carbon tetrachloride	ND	0.020	0.010	ND	0.126	0.063		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161246
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161246-09
Client ID: CAN 2844 SHELF 55
Sample Location:

Date Collected: 11/05/21 08:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	0.005	ND	0.092	0.025		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.045		1
1,4-Dioxane	ND	0.100	0.032	ND	0.360	0.115		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.033		1
cis-1,3-Dichloropropene	ND	0.020	0.007	ND	0.091	0.032		1
4-Methyl-2-pentanone	ND	0.500	0.012	ND	2.05	0.049		1
trans-1,3-Dichloropropene	ND	0.020	0.007	ND	0.091	0.032		1
1,1,2-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Toluene	ND	0.100	0.014	ND	0.377	0.053		1
Dibromochloromethane	ND	0.020	0.009	ND	0.170	0.073		1
1,2-Dibromoethane	ND	0.020	0.008	ND	0.154	0.062		1
Tetrachloroethene	ND	0.020	0.008	ND	0.136	0.053		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.005	ND	0.137	0.036		1
Chlorobenzene	ND	0.100	0.006	ND	0.461	0.030		1
Ethylbenzene	ND	0.020	0.005	ND	0.087	0.021		1
p/m-Xylene	ND	0.040	0.019	ND	0.174	0.083		1
Bromoform	ND	0.020	0.007	ND	0.207	0.067		1
Styrene	ND	0.020	0.005	ND	0.085	0.021		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.006	ND	0.137	0.039		1
o-Xylene	ND	0.020	0.007	ND	0.087	0.029		1
Isopropylbenzene	ND	0.200	0.005	ND	0.983	0.026		1
4-Ethyltoluene	ND	0.020	0.004	ND	0.098	0.021		1
1,3,5-Trimethybenzene	ND	0.020	0.006	ND	0.098	0.028		1
1,2,4-Trimethylbenzene	ND	0.020	0.004	ND	0.098	0.021		1
Benzyl chloride	ND	0.200	0.007	ND	1.04	0.037		1
1,3-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.034		1
1,4-Dichlorobenzene	ND	0.020	0.005	ND	0.120	0.032		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2161246

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2161246-09
Client ID: CAN 2844 SHELF 55
Sample Location:

Date Collected: 11/05/21 08:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	0.003	ND	1.10	0.018		1
p-Isopropyltoluene	ND	0.200	0.005	ND	1.10	0.025		1
1,2-Dichlorobenzene	ND	0.020	0.010	ND	0.120	0.059		1
n-Butylbenzene	ND	0.200	0.005	ND	1.10	0.026		1
1,2,4-Trichlorobenzene	ND	0.050	0.030	ND	0.371	0.223		1
Naphthalene	ND	0.050	0.035	ND	0.262	0.184		1
1,2,3-Trichlorobenzene	ND	0.050	0.013	ND	0.371	0.100		1
Hexachlorobutadiene	ND	0.050	0.017	ND	0.533	0.181		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161707
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161707-02
Client ID: CAN 2382 SHELF 15
Sample Location:

Date Collected: 11/09/21 14:00
Date Received: 11/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/12/21 19:23
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	0.058	ND	0.707	0.207		1
Propylene	ND	0.500	0.060	ND	0.861	0.103		1
Propane	ND	0.500	0.132	ND	0.902	0.238		1
Dichlorodifluoromethane	ND	0.200	0.058	ND	0.989	0.288		1
Chloromethane	ND	0.200	0.069	ND	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
Methanol	ND	5.00	1.84	ND	6.55	2.41		1
Vinyl chloride	ND	0.200	0.063	ND	0.511	0.160		1
1,3-Butadiene	ND	0.200	0.067	ND	0.442	0.148		1
Butane	ND	0.200	0.065	ND	0.475	0.154		1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	ND	5.00	0.733	ND	9.42	1.38		1
Dichlorofluoromethane	ND	0.200	0.081	ND	0.842	0.340		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.313		1
Acrolein	ND	0.500	0.060	ND	1.15	0.137		1
Acetone	ND	1.00	0.689	ND	2.38	1.64		1
Acetonitrile	ND	0.200	0.082	ND	0.336	0.138		1
Trichlorofluoromethane	ND	0.200	0.069	ND	1.12	0.386		1
Isopropanol	ND	0.500	0.478	ND	1.23	1.17		1
Acrylonitrile	ND	0.500	0.056	ND	1.09	0.120		1
Pentane	ND	0.200	0.066	ND	0.590	0.194		1
Ethyl ether	ND	0.200	0.074	ND	0.606	0.223		1
1,1-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161707
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161707-02
Client ID: CAN 2382 SHELF 15
Sample Location:

Date Collected: 11/09/21 14:00
Date Received: 11/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	ND	0.500	0.134	ND	1.74	0.466		1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	ND	0.200	0.056	ND	0.623	0.174		1
Freon-113	ND	0.200	0.066	ND	1.53	0.503		1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
Vinyl acetate	ND	1.00	0.048	ND	3.52	0.169		1
Xylenes, total	ND	0.600	0.045	ND	0.869	0.197		1
2-Butanone	ND	0.500	0.048	ND	1.47	0.142		1
cis-1,2-Dichloroethene	ND	0.200	0.117	ND	0.793	0.464		1
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	ND	0.200	0.063	ND	0.977	0.309		1
Tetrahydrofuran	ND	0.500	0.057	ND	1.47	0.168		1
2,2-Dichloropropane	ND	0.200	0.046	ND	0.924	0.212		1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1
n-Hexane	ND	0.200	0.036	ND	0.705	0.128		1
Diisopropyl ether	ND	0.200	0.062	ND	0.836	0.260		1
tert-Butyl Ethyl Ether	ND	0.200	0.042	ND	0.836	0.176		1
1,2-Dichloroethene (total)	ND	1.00	0.064	ND	1.00	0.255		1
1,1,1-Trichloroethane	ND	0.200	0.050	ND	1.09	0.273		1
1,1-Dichloropropene	ND	0.200	0.046	ND	0.908	0.207		1
Benzene	ND	0.200	0.049	ND	0.639	0.156		1
Carbon tetrachloride	ND	0.200	0.050	ND	1.26	0.314		1
Cyclohexane	ND	0.200	0.037	ND	0.688	0.127		1
tert-Amyl Methyl Ether	ND	0.200	0.048	ND	0.836	0.199		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161707
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161707-02
Client ID: CAN 2382 SHELF 15
Sample Location:

Date Collected: 11/09/21 14:00
Date Received: 11/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	0.056	ND	1.42	0.400		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
Trichloroethene	ND	0.200	0.051	ND	1.07	0.271		1
2,2,4-Trimethylpentane	ND	0.200	0.036	ND	0.934	0.169		1
Methyl Methacrylate	ND	0.500	0.070	ND	2.05	0.285		1
Heptane	ND	0.200	0.047	ND	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	ND	0.500	0.042	ND	2.05	0.173		1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	ND	0.200	0.052	ND	0.754	0.196		1
1,3-Dichloropropane	ND	0.200	0.106	ND	0.924	0.490		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Butyl acetate	ND	0.500	0.126	ND	2.38	0.599		1
Octane	ND	0.200	0.045	ND	0.934	0.208		1
Tetrachloroethene	ND	0.200	0.066	ND	1.36	0.444		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.056	ND	1.37	0.385		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	ND	0.200	0.043	ND	0.869	0.188		1
p/m-Xylene	ND	0.400	0.091	ND	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2161707

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2161707-02
Client ID: CAN 2382 SHELF 15
Sample Location:

Date Collected: 11/09/21 14:00
Date Received: 11/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	0.045	ND	0.869	0.197		1
1,2,3-Trichloropropane	ND	0.200	0.061	ND	1.21	0.368		1
Nonane	ND	0.200	0.046	ND	1.05	0.243		1
Isopropylbenzene	ND	0.200	0.049	ND	0.983	0.241		1
Bromobenzene	ND	0.200	0.061	ND	0.793	0.243		1
2-Chlorotoluene	ND	0.200	0.049	ND	1.04	0.252		1
n-Propylbenzene	ND	0.200	0.042	ND	0.983	0.206		1
4-Chlorotoluene	ND	0.200	0.056	ND	1.04	0.290		1
4-Ethyltoluene	ND	0.200	0.037	ND	0.983	0.182		1
1,3,5-Trimethylbenzene	ND	0.200	0.068	ND	0.983	0.332		1
tert-Butylbenzene	ND	0.200	0.042	ND	1.10	0.231		1
1,2,4-Trimethylbenzene	ND	0.200	0.037	ND	0.983	0.181		1
Decane	ND	0.200	0.040	ND	1.16	0.235		1
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
sec-Butylbenzene	ND	0.200	0.043	ND	1.10	0.235		1
p-Isopropyltoluene	ND	0.200	0.052	ND	1.10	0.285		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
n-Butylbenzene	ND	0.200	0.044	ND	1.10	0.242		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.050	ND	1.93	0.478		1
Undecane	ND	0.200	0.043	ND	1.28	0.273		1
Dodecane	ND	0.200	0.066	ND	1.39	0.458		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Naphthalene	ND	0.200	0.089	ND	1.05	0.464		1
1,2,3-Trichlorobenzene	ND	0.200	0.072	ND	1.48	0.531		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161707
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161707-02
Client ID: CAN 2382 SHELF 15
Sample Location:

Date Collected: 11/09/21 14:00
Date Received: 11/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2161707

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2161707-02
Client ID: CAN 2382 SHELF 15
Sample Location:

Date Collected: 11/09/21 14:00
Date Received: 11/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/21 19:23
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	0.018	ND	0.989	0.089		1
Chloromethane	ND	0.200	0.024	ND	0.413	0.050		1
Freon-114	ND	0.050	0.007	ND	0.349	0.050		1
Vinyl chloride	ND	0.020	0.007	ND	0.051	0.018		1
1,3-Butadiene	ND	0.020	0.010	ND	0.044	0.022		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.033		1
Chloroethane	ND	0.100	0.014	ND	0.264	0.036		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.299	ND	2.38	0.710		1
Trichlorofluoromethane	ND	0.050	0.010	ND	0.281	0.053		1
Acrylonitrile	ND	0.500	0.025	ND	1.09	0.053		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.033		1
Methylene chloride	ND	0.500	0.013	ND	1.74	0.046		1
Freon-113	ND	0.050	0.009	ND	0.383	0.067		1
trans-1,2-Dichloroethene	ND	0.020	0.008	ND	0.079	0.030		1
1,1-Dichloroethane	ND	0.020	0.007	ND	0.081	0.030		1
Methyl tert butyl ether	ND	0.200	0.008	ND	0.721	0.030		1
2-Butanone	ND	0.500	0.027	ND	1.47	0.080		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.038		1
Chloroform	ND	0.020	0.009	ND	0.098	0.044		1
1,2-Dichloroethane	ND	0.020	0.010	ND	0.081	0.039		1
1,1,1-Trichloroethane	ND	0.020	0.008	ND	0.109	0.045		1
Benzene	ND	0.100	0.005	ND	0.319	0.016		1
Carbon tetrachloride	ND	0.020	0.010	ND	0.126	0.063		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2161707

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2161707-02
Client ID: CAN 2382 SHELF 15
Sample Location:

Date Collected: 11/09/21 14:00
Date Received: 11/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	0.005	ND	0.092	0.025		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.045		1
1,4-Dioxane	ND	0.100	0.032	ND	0.360	0.115		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.033		1
cis-1,3-Dichloropropene	ND	0.020	0.007	ND	0.091	0.032		1
4-Methyl-2-pentanone	ND	0.500	0.012	ND	2.05	0.049		1
trans-1,3-Dichloropropene	ND	0.020	0.007	ND	0.091	0.032		1
1,1,2-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Toluene	ND	0.100	0.014	ND	0.377	0.053		1
Dibromochloromethane	ND	0.020	0.009	ND	0.170	0.073		1
1,2-Dibromoethane	ND	0.020	0.008	ND	0.154	0.062		1
Tetrachloroethene	ND	0.020	0.008	ND	0.136	0.053		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.005	ND	0.137	0.036		1
Chlorobenzene	ND	0.100	0.006	ND	0.461	0.030		1
Ethylbenzene	ND	0.020	0.005	ND	0.087	0.021		1
p/m-Xylene	ND	0.040	0.019	ND	0.174	0.083		1
Bromoform	ND	0.020	0.007	ND	0.207	0.067		1
Styrene	ND	0.020	0.005	ND	0.085	0.021		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.006	ND	0.137	0.039		1
o-Xylene	ND	0.020	0.007	ND	0.087	0.029		1
Isopropylbenzene	ND	0.200	0.005	ND	0.983	0.026		1
4-Ethyltoluene	ND	0.020	0.004	ND	0.098	0.021		1
1,3,5-Trimethybenzene	ND	0.020	0.006	ND	0.098	0.028		1
1,2,4-Trimethylbenzene	ND	0.020	0.004	ND	0.098	0.021		1
Benzyl chloride	ND	0.200	0.007	ND	1.04	0.037		1
1,3-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.034		1
1,4-Dichlorobenzene	ND	0.020	0.005	ND	0.120	0.032		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2161707
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2161707-02
Client ID: CAN 2382 SHELF 15
Sample Location:

Date Collected: 11/09/21 14:00
Date Received: 11/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	0.003	ND	1.10	0.018		1
p-Isopropyltoluene	ND	0.200	0.005	ND	1.10	0.025		1
1,2-Dichlorobenzene	ND	0.020	0.010	ND	0.120	0.059		1
n-Butylbenzene	ND	0.200	0.005	ND	1.10	0.026		1
1,2,4-Trichlorobenzene	ND	0.050	0.030	ND	0.371	0.223		1
Naphthalene	ND	0.050	0.035	ND	0.262	0.184		1
1,2,3-Trichlorobenzene	ND	0.050	0.013	ND	0.371	0.100		1
Hexachlorobutadiene	ND	0.050	0.017	ND	0.533	0.181		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	83		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-04
Client ID: CAN 2645 SHELF 31
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/12/21 23:54
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	0.058	ND	0.707	0.207		1
Propylene	ND	0.500	0.060	ND	0.861	0.103		1
Propane	ND	0.500	0.132	ND	0.902	0.238		1
Dichlorodifluoromethane	ND	0.200	0.058	ND	0.989	0.288		1
Chloromethane	ND	0.200	0.069	ND	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
Methanol	ND	5.00	1.84	ND	6.55	2.41		1
Vinyl chloride	ND	0.200	0.063	ND	0.511	0.160		1
1,3-Butadiene	ND	0.200	0.067	ND	0.442	0.148		1
Butane	ND	0.200	0.065	ND	0.475	0.154		1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	ND	5.00	0.733	ND	9.42	1.38		1
Dichlorofluoromethane	ND	0.200	0.081	ND	0.842	0.340		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.313		1
Acrolein	ND	0.500	0.060	ND	1.15	0.137		1
Acetone	ND	1.00	0.689	ND	2.38	1.64		1
Acetonitrile	ND	0.200	0.082	ND	0.336	0.138		1
Trichlorofluoromethane	ND	0.200	0.069	ND	1.12	0.386		1
Isopropanol	ND	0.500	0.478	ND	1.23	1.17		1
Acrylonitrile	ND	0.500	0.056	ND	1.09	0.120		1
Pentane	ND	0.200	0.066	ND	0.590	0.194		1
Ethyl ether	ND	0.200	0.074	ND	0.606	0.223		1
1,1-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-04
Client ID: CAN 2645 SHELF 31
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	ND	0.500	0.134	ND	1.74	0.466		1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	ND	0.200	0.056	ND	0.623	0.174		1
Freon-113	ND	0.200	0.066	ND	1.53	0.503		1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
Vinyl acetate	ND	1.00	0.048	ND	3.52	0.169		1
2-Butanone	ND	0.500	0.048	ND	1.47	0.142		1
Xylenes, total	ND	0.600	0.045	ND	0.869	0.197		1
cis-1,2-Dichloroethene	ND	0.200	0.117	ND	0.793	0.464		1
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	ND	0.200	0.063	ND	0.977	0.309		1
Tetrahydrofuran	ND	0.500	0.057	ND	1.47	0.168		1
2,2-Dichloropropane	ND	0.200	0.046	ND	0.924	0.212		1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1
n-Hexane	ND	0.200	0.036	ND	0.705	0.128		1
Diisopropyl ether	ND	0.200	0.062	ND	0.836	0.260		1
tert-Butyl Ethyl Ether	ND	0.200	0.042	ND	0.836	0.176		1
1,2-Dichloroethene (total)	ND	1.00	0.064	ND	1.00	0.255		1
1,1,1-Trichloroethane	ND	0.200	0.050	ND	1.09	0.273		1
1,1-Dichloropropene	ND	0.200	0.046	ND	0.908	0.207		1
Benzene	ND	0.200	0.049	ND	0.639	0.156		1
Carbon tetrachloride	ND	0.200	0.050	ND	1.26	0.314		1
Cyclohexane	ND	0.200	0.037	ND	0.688	0.127		1
tert-Amyl Methyl Ether	ND	0.200	0.048	ND	0.836	0.199		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-04
Client ID: CAN 2645 SHELF 31
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	0.056	ND	1.42	0.400		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
Trichloroethene	ND	0.200	0.051	ND	1.07	0.271		1
2,2,4-Trimethylpentane	ND	0.200	0.036	ND	0.934	0.169		1
Methyl Methacrylate	ND	0.500	0.070	ND	2.05	0.285		1
Heptane	ND	0.200	0.047	ND	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	ND	0.500	0.042	ND	2.05	0.173		1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	ND	0.200	0.052	ND	0.754	0.196		1
1,3-Dichloropropane	ND	0.200	0.106	ND	0.924	0.490		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Butyl acetate	ND	0.500	0.126	ND	2.38	0.599		1
Octane	ND	0.200	0.045	ND	0.934	0.208		1
Tetrachloroethene	ND	0.200	0.066	ND	1.36	0.444		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.056	ND	1.37	0.385		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	ND	0.200	0.043	ND	0.869	0.188		1
p/m-Xylene	ND	0.400	0.091	ND	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-04
Client ID: CAN 2645 SHELF 31
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	0.045	ND	0.869	0.197		1
1,2,3-Trichloropropane	ND	0.200	0.061	ND	1.21	0.368		1
Nonane	ND	0.200	0.046	ND	1.05	0.243		1
Isopropylbenzene	ND	0.200	0.049	ND	0.983	0.241		1
Bromobenzene	ND	0.200	0.061	ND	0.793	0.243		1
2-Chlorotoluene	ND	0.200	0.049	ND	1.04	0.252		1
n-Propylbenzene	ND	0.200	0.042	ND	0.983	0.206		1
4-Chlorotoluene	ND	0.200	0.056	ND	1.04	0.290		1
4-Ethyltoluene	ND	0.200	0.037	ND	0.983	0.182		1
1,3,5-Trimethylbenzene	ND	0.200	0.068	ND	0.983	0.332		1
tert-Butylbenzene	ND	0.200	0.042	ND	1.10	0.231		1
1,2,4-Trimethylbenzene	ND	0.200	0.037	ND	0.983	0.181		1
Decane	ND	0.200	0.040	ND	1.16	0.235		1
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
sec-Butylbenzene	ND	0.200	0.043	ND	1.10	0.235		1
p-Isopropyltoluene	ND	0.200	0.052	ND	1.10	0.285		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
n-Butylbenzene	ND	0.200	0.044	ND	1.10	0.242		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.050	ND	1.93	0.478		1
Undecane	ND	0.200	0.043	ND	1.28	0.273		1
Dodecane	ND	0.200	0.066	ND	1.39	0.458		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Naphthalene	ND	0.200	0.089	ND	1.05	0.464		1
1,2,3-Trichlorobenzene	ND	0.200	0.072	ND	1.48	0.531		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-04
Client ID: CAN 2645 SHELF 31
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2162300

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2162300-04
Client ID: CAN 2645 SHELF 31
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/12/21 23:54
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	0.018	ND	0.989	0.089		1
Chloromethane	ND	0.200	0.024	ND	0.413	0.050		1
Freon-114	ND	0.050	0.007	ND	0.349	0.050		1
Vinyl chloride	ND	0.020	0.007	ND	0.051	0.018		1
1,3-Butadiene	ND	0.020	0.010	ND	0.044	0.022		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.033		1
Chloroethane	ND	0.100	0.014	ND	0.264	0.036		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.299	ND	2.38	0.710		1
Trichlorofluoromethane	ND	0.050	0.010	ND	0.281	0.053		1
Acrylonitrile	ND	0.500	0.025	ND	1.09	0.053		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.033		1
Methylene chloride	ND	0.500	0.013	ND	1.74	0.046		1
Freon-113	ND	0.050	0.009	ND	0.383	0.067		1
trans-1,2-Dichloroethene	ND	0.020	0.008	ND	0.079	0.030		1
1,1-Dichloroethane	ND	0.020	0.007	ND	0.081	0.030		1
Methyl tert butyl ether	ND	0.200	0.008	ND	0.721	0.030		1
2-Butanone	ND	0.500	0.027	ND	1.47	0.080		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.038		1
Chloroform	ND	0.020	0.009	ND	0.098	0.044		1
1,2-Dichloroethane	ND	0.020	0.010	ND	0.081	0.039		1
1,1,1-Trichloroethane	ND	0.020	0.008	ND	0.109	0.045		1
Benzene	ND	0.100	0.005	ND	0.319	0.016		1
Carbon tetrachloride	ND	0.020	0.010	ND	0.126	0.063		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2162300

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2162300-04
Client ID: CAN 2645 SHELF 31
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	0.005	ND	0.092	0.025		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.045		1
1,4-Dioxane	ND	0.100	0.032	ND	0.360	0.115		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.033		1
cis-1,3-Dichloropropene	ND	0.020	0.007	ND	0.091	0.032		1
4-Methyl-2-pentanone	ND	0.500	0.012	ND	2.05	0.049		1
trans-1,3-Dichloropropene	ND	0.020	0.007	ND	0.091	0.032		1
1,1,2-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Toluene	ND	0.100	0.014	ND	0.377	0.053		1
Dibromochloromethane	ND	0.020	0.009	ND	0.170	0.073		1
1,2-Dibromoethane	ND	0.020	0.008	ND	0.154	0.062		1
Tetrachloroethene	ND	0.020	0.008	ND	0.136	0.053		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.005	ND	0.137	0.036		1
Chlorobenzene	ND	0.100	0.006	ND	0.461	0.030		1
Ethylbenzene	ND	0.020	0.005	ND	0.087	0.021		1
p/m-Xylene	ND	0.040	0.019	ND	0.174	0.083		1
Bromoform	ND	0.020	0.007	ND	0.207	0.067		1
Styrene	ND	0.020	0.005	ND	0.085	0.021		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.006	ND	0.137	0.039		1
o-Xylene	ND	0.020	0.007	ND	0.087	0.029		1
Isopropylbenzene	ND	0.200	0.005	ND	0.983	0.026		1
4-Ethyltoluene	ND	0.020	0.004	ND	0.098	0.021		1
1,3,5-Trimethybenzene	ND	0.020	0.006	ND	0.098	0.028		1
1,2,4-Trimethylbenzene	ND	0.020	0.004	ND	0.098	0.021		1
Benzyl chloride	ND	0.200	0.007	ND	1.04	0.037		1
1,3-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.034		1
1,4-Dichlorobenzene	ND	0.020	0.005	ND	0.120	0.032		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2162300

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2162300-04
Client ID: CAN 2645 SHELF 31
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	0.003	ND	1.10	0.018		1
p-Isopropyltoluene	ND	0.200	0.005	ND	1.10	0.025		1
1,2-Dichlorobenzene	ND	0.020	0.010	ND	0.120	0.059		1
n-Butylbenzene	ND	0.200	0.005	ND	1.10	0.026		1
1,2,4-Trichlorobenzene	ND	0.050	0.030	ND	0.371	0.223		1
Naphthalene	ND	0.050	0.035	ND	0.262	0.184		1
1,2,3-Trichlorobenzene	ND	0.050	0.013	ND	0.371	0.100		1
Hexachlorobutadiene	ND	0.050	0.017	ND	0.533	0.181		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-05
Client ID: CAN 2966 SHELF 32
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/13/21 00:33
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	0.058	ND	0.707	0.207		1
Propylene	ND	0.500	0.060	ND	0.861	0.103		1
Propane	ND	0.500	0.132	ND	0.902	0.238		1
Dichlorodifluoromethane	ND	0.200	0.058	ND	0.989	0.288		1
Chloromethane	ND	0.200	0.069	ND	0.413	0.142		1
Freon-114	ND	0.200	0.059	ND	1.40	0.413		1
Methanol	ND	5.00	1.84	ND	6.55	2.41		1
Vinyl chloride	ND	0.200	0.063	ND	0.511	0.160		1
1,3-Butadiene	ND	0.200	0.067	ND	0.442	0.148		1
Butane	ND	0.200	0.065	ND	0.475	0.154		1
Bromomethane	ND	0.200	0.077	ND	0.777	0.300		1
Chloroethane	ND	0.200	0.081	ND	0.528	0.212		1
Ethanol	ND	5.00	0.733	ND	9.42	1.38		1
Dichlorofluoromethane	ND	0.200	0.081	ND	0.842	0.340		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.313		1
Acrolein	ND	0.500	0.060	ND	1.15	0.137		1
Acetone	ND	1.00	0.689	ND	2.38	1.64		1
Acetonitrile	ND	0.200	0.082	ND	0.336	0.138		1
Trichlorofluoromethane	ND	0.200	0.069	ND	1.12	0.386		1
Isopropanol	ND	0.500	0.478	ND	1.23	1.17		1
Acrylonitrile	ND	0.500	0.056	ND	1.09	0.120		1
Pentane	ND	0.200	0.066	ND	0.590	0.194		1
Ethyl ether	ND	0.200	0.074	ND	0.606	0.223		1
1,1-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-05
Client ID: CAN 2966 SHELF 32
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	0.047	ND	1.52	0.141		1
Methylene chloride	ND	0.500	0.134	ND	1.74	0.466		1
3-Chloropropene	ND	0.200	0.059	ND	0.626	0.183		1
Carbon disulfide	ND	0.200	0.056	ND	0.623	0.174		1
Freon-113	ND	0.200	0.066	ND	1.53	0.503		1
trans-1,2-Dichloroethene	ND	0.200	0.064	ND	0.793	0.255		1
1,1-Dichloroethane	ND	0.200	0.063	ND	0.809	0.254		1
Methyl tert butyl ether	ND	0.200	0.053	ND	0.721	0.189		1
Vinyl acetate	ND	1.00	0.048	ND	3.52	0.169		1
Xylenes, total	ND	0.600	0.045	ND	0.869	0.197		1
2-Butanone	ND	0.500	0.048	ND	1.47	0.142		1
cis-1,2-Dichloroethene	ND	0.200	0.117	ND	0.793	0.464		1
Ethyl Acetate	ND	0.500	0.122	ND	1.80	0.440		1
Chloroform	ND	0.200	0.063	ND	0.977	0.309		1
Tetrahydrofuran	ND	0.500	0.057	ND	1.47	0.168		1
2,2-Dichloropropane	ND	0.200	0.046	ND	0.924	0.212		1
1,2-Dichloroethane	ND	0.200	0.060	ND	0.809	0.244		1
n-Hexane	ND	0.200	0.036	ND	0.705	0.128		1
Diisopropyl ether	ND	0.200	0.062	ND	0.836	0.260		1
tert-Butyl Ethyl Ether	ND	0.200	0.042	ND	0.836	0.176		1
1,2-Dichloroethene (total)	ND	1.00	0.064	ND	1.00	0.255		1
1,1,1-Trichloroethane	ND	0.200	0.050	ND	1.09	0.273		1
1,1-Dichloropropene	ND	0.200	0.046	ND	0.908	0.207		1
Benzene	ND	0.200	0.049	ND	0.639	0.156		1
Carbon tetrachloride	ND	0.200	0.050	ND	1.26	0.314		1
Cyclohexane	ND	0.200	0.037	ND	0.688	0.127		1
tert-Amyl Methyl Ether	ND	0.200	0.048	ND	0.836	0.199		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-05
Client ID: CAN 2966 SHELF 32
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	0.056	ND	1.42	0.400		1
1,2-Dichloropropane	ND	0.200	0.061	ND	0.924	0.282		1
Bromodichloromethane	ND	0.200	0.050	ND	1.34	0.338		1
1,4-Dioxane	ND	0.200	0.081	ND	0.721	0.290		1
Trichloroethene	ND	0.200	0.051	ND	1.07	0.271		1
2,2,4-Trimethylpentane	ND	0.200	0.036	ND	0.934	0.169		1
Methyl Methacrylate	ND	0.500	0.070	ND	2.05	0.285		1
Heptane	ND	0.200	0.047	ND	0.820	0.193		1
cis-1,3-Dichloropropene	ND	0.200	0.041	ND	0.908	0.186		1
4-Methyl-2-pentanone	ND	0.500	0.042	ND	2.05	0.173		1
trans-1,3-Dichloropropene	ND	0.200	0.044	ND	0.908	0.198		1
1,1,2-Trichloroethane	ND	0.200	0.067	ND	1.09	0.366		1
Toluene	ND	0.200	0.052	ND	0.754	0.196		1
1,3-Dichloropropane	ND	0.200	0.106	ND	0.924	0.490		1
2-Hexanone	ND	0.200	0.065	ND	0.820	0.266		1
Dibromochloromethane	ND	0.200	0.061	ND	1.70	0.523		1
1,2-Dibromoethane	ND	0.200	0.056	ND	1.54	0.431		1
Butyl acetate	ND	0.500	0.126	ND	2.38	0.599		1
Octane	ND	0.200	0.045	ND	0.934	0.208		1
Tetrachloroethene	ND	0.200	0.066	ND	1.36	0.444		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.056	ND	1.37	0.385		1
Chlorobenzene	ND	0.200	0.062	ND	0.921	0.287		1
Ethylbenzene	ND	0.200	0.043	ND	0.869	0.188		1
p/m-Xylene	ND	0.400	0.091	ND	1.74	0.395		1
Bromoform	ND	0.200	0.064	ND	2.07	0.663		1
Styrene	ND	0.200	0.043	ND	0.852	0.185		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.061	ND	1.37	0.422		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-05
Client ID: CAN 2966 SHELF 32
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	0.045	ND	0.869	0.197		1
1,2,3-Trichloropropane	ND	0.200	0.061	ND	1.21	0.368		1
Nonane	ND	0.200	0.046	ND	1.05	0.243		1
Isopropylbenzene	ND	0.200	0.049	ND	0.983	0.241		1
Bromobenzene	ND	0.200	0.061	ND	0.793	0.243		1
2-Chlorotoluene	ND	0.200	0.049	ND	1.04	0.252		1
n-Propylbenzene	ND	0.200	0.042	ND	0.983	0.206		1
4-Chlorotoluene	ND	0.200	0.056	ND	1.04	0.290		1
4-Ethyltoluene	ND	0.200	0.037	ND	0.983	0.182		1
1,3,5-Trimethylbenzene	ND	0.200	0.068	ND	0.983	0.332		1
tert-Butylbenzene	ND	0.200	0.042	ND	1.10	0.231		1
1,2,4-Trimethylbenzene	ND	0.200	0.037	ND	0.983	0.181		1
Decane	ND	0.200	0.040	ND	1.16	0.235		1
Benzyl chloride	ND	0.200	0.048	ND	1.04	0.250		1
1,3-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.377		1
1,4-Dichlorobenzene	ND	0.200	0.064	ND	1.20	0.382		1
sec-Butylbenzene	ND	0.200	0.043	ND	1.10	0.235		1
p-Isopropyltoluene	ND	0.200	0.052	ND	1.10	0.285		1
1,2-Dichlorobenzene	ND	0.200	0.063	ND	1.20	0.378		1
n-Butylbenzene	ND	0.200	0.044	ND	1.10	0.242		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.050	ND	1.93	0.478		1
Undecane	ND	0.200	0.043	ND	1.28	0.273		1
Dodecane	ND	0.200	0.066	ND	1.39	0.458		1
1,2,4-Trichlorobenzene	ND	0.200	0.067	ND	1.48	0.500		1
Naphthalene	ND	0.200	0.089	ND	1.05	0.464		1
1,2,3-Trichlorobenzene	ND	0.200	0.072	ND	1.48	0.531		1
Hexachlorobutadiene	ND	0.200	0.053	ND	2.13	0.564		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2162300

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2162300-05
Client ID: CAN 2966 SHELF 32
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-05
Client ID: CAN 2966 SHELF 32
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/13/21 00:33
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	0.018	ND	0.989	0.089		1
Chloromethane	ND	0.200	0.024	ND	0.413	0.050		1
Freon-114	ND	0.050	0.007	ND	0.349	0.050		1
Vinyl chloride	ND	0.020	0.007	ND	0.051	0.018		1
1,3-Butadiene	ND	0.020	0.010	ND	0.044	0.022		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.033		1
Chloroethane	ND	0.100	0.014	ND	0.264	0.036		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.299	ND	2.38	0.710		1
Trichlorofluoromethane	ND	0.050	0.010	ND	0.281	0.053		1
Acrylonitrile	ND	0.500	0.025	ND	1.09	0.053		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.033		1
Methylene chloride	ND	0.500	0.013	ND	1.74	0.046		1
Freon-113	ND	0.050	0.009	ND	0.383	0.067		1
trans-1,2-Dichloroethene	ND	0.020	0.008	ND	0.079	0.030		1
1,1-Dichloroethane	ND	0.020	0.007	ND	0.081	0.030		1
Methyl tert butyl ether	ND	0.200	0.008	ND	0.721	0.030		1
2-Butanone	ND	0.500	0.027	ND	1.47	0.080		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.038		1
Chloroform	ND	0.020	0.009	ND	0.098	0.044		1
1,2-Dichloroethane	ND	0.020	0.010	ND	0.081	0.039		1
1,1,1-Trichloroethane	ND	0.020	0.008	ND	0.109	0.045		1
Benzene	ND	0.100	0.005	ND	0.319	0.016		1
Carbon tetrachloride	ND	0.020	0.010	ND	0.126	0.063		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2162300
Report Date: 11/30/21

Air Canister Certification Results

Lab ID: L2162300-05
Client ID: CAN 2966 SHELF 32
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	0.005	ND	0.092	0.025		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.045		1
1,4-Dioxane	ND	0.100	0.032	ND	0.360	0.115		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.033		1
cis-1,3-Dichloropropene	ND	0.020	0.007	ND	0.091	0.032		1
4-Methyl-2-pentanone	ND	0.500	0.012	ND	2.05	0.049		1
trans-1,3-Dichloropropene	ND	0.020	0.007	ND	0.091	0.032		1
1,1,2-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Toluene	ND	0.100	0.014	ND	0.377	0.053		1
Dibromochloromethane	ND	0.020	0.009	ND	0.170	0.073		1
1,2-Dibromoethane	ND	0.020	0.008	ND	0.154	0.062		1
Tetrachloroethene	ND	0.020	0.008	ND	0.136	0.053		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.005	ND	0.137	0.036		1
Chlorobenzene	ND	0.100	0.006	ND	0.461	0.030		1
Ethylbenzene	ND	0.020	0.005	ND	0.087	0.021		1
p/m-Xylene	ND	0.040	0.019	ND	0.174	0.083		1
Bromoform	ND	0.020	0.007	ND	0.207	0.067		1
Styrene	ND	0.020	0.005	ND	0.085	0.021		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.006	ND	0.137	0.039		1
o-Xylene	ND	0.020	0.007	ND	0.087	0.029		1
Isopropylbenzene	ND	0.200	0.005	ND	0.983	0.026		1
4-Ethyltoluene	ND	0.020	0.004	ND	0.098	0.021		1
1,3,5-Trimethybenzene	ND	0.020	0.006	ND	0.098	0.028		1
1,2,4-Trimethylbenzene	ND	0.020	0.004	ND	0.098	0.021		1
Benzyl chloride	ND	0.200	0.007	ND	1.04	0.037		1
1,3-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.034		1
1,4-Dichlorobenzene	ND	0.020	0.005	ND	0.120	0.032		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2162300

Project Number: CANISTER QC BAT **Report Date:** 11/30/21

Air Canister Certification Results

Lab ID: L2162300-05
Client ID: CAN 2966 SHELF 32
Sample Location:

Date Collected: 11/11/21 14:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	0.003	ND	1.10	0.018		1
p-Isopropyltoluene	ND	0.200	0.005	ND	1.10	0.025		1
1,2-Dichlorobenzene	ND	0.020	0.010	ND	0.120	0.059		1
n-Butylbenzene	ND	0.200	0.005	ND	1.10	0.026		1
1,2,4-Trichlorobenzene	ND	0.050	0.030	ND	0.371	0.223		1
Naphthalene	ND	0.050	0.035	ND	0.262	0.184		1
1,2,3-Trichlorobenzene	ND	0.050	0.013	ND	0.371	0.100		1
Hexachlorobutadiene	ND	0.050	0.017	ND	0.533	0.181		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	88		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	91		60-140

Project Name: UHAUL-NEW ROCHELLE
Project Number: 21393176

Lab Number: L2164341
Report Date: 11/30/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2164341-01A	Canister - 6 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2164341-02A	Canister - 6 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2164341-03A	Canister - 6 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2164341-04A	Canister - 6 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2164341-05A	Canister - 6 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L2164341-06A	Canister - 6 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L2164341-07A	Canister - 6 Liter	N/A	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	UHAUL-NEW ROCHELLE	**Lab Number:**	L2164341
Project Number:	21393176	**Report Date:**	11/30/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	UHAUL-NEW ROCHELLE	**Lab Number:**	L2164341
Project Number:	21393176	**Report Date:**	11/30/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	UHAUL-NEW ROCHELLE	**Lab Number:**	L2164341
Project Number:	21393176	**Report Date:**	11/30/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	UHAUL-NEW ROCHELLE	**Lab Number:**	L2164341
Project Number:	21393176	**Report Date:**	11/30/21

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE ____ OF ____

ALPHA ANALYTICAL

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 11/20/21

ALPHA Job #: L2164341

Client Information

Client: PARTNER ESI
Address: 611 INDUSTRIAL WAY WEST
EATONTOWN NJ
Phone: 732-380-1700
Fax:
Email: RREYNICS@PARTNERESI.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: VHAUL-NEW ROCHELLE
Project Location: NY
Project #: 21393176
Project Manager: RYAN REYNICS
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
L64341-01	IA-1	11-18-21	1120	1100	-30.42	-13.27	AA	PC	6L	1558	01757	X	X					
-02	IA-2		1110	1050	-30.44	-11.03	AA	PC	6L	3579	03728	X	X					
-03	IA-3		1105	1045	-30.35	-8.93	AA	PC	6L	1607	01274	X	X					
-04	AA-1		1130	1035	-30.50	-10.35	AA	PC	6L	2321	01382	X	X					
-05	VP-1	11-17-21	950	1020	-30.42	-6.18	SV	PC	2.7L	18708	09	X						
-06	VP-2		1000	1030	-30.29	-8.43	SV	PC	2.7L	1723	01707	X						
-07	VP-3		1005	1035	-30.29	-9.57	SV	PC	2.7L	1560	02133	X						

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
	11-19-21		11/19/21 17:05
	11/19/21		11/19/21 20:30
	11/20/21 0545		11/20/21 0545

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

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