June 13, 2022

Ms. Megan Kuczka
New York State Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Avenue
Buffalo NY 14203

Re: Soil Vapor Intrusion Results
300 Ohio Street Site (BCP Site No. C915257)
Buffalo, New York

Dear Ms. Kuczka:
On behalf of our client, 4216 Group, LLC, TurnKey Environmental Restoration, LLC (TurnKey) has prepared this Soil Vapor Intrusion (SVI) assessment summary report to detail the post-development conditions for the 300 Ohio Street Site, as requested by the Department.

The sampling was completed in general conformance with the New York State Department of Health (NYSDOH) Soil Vapor Intrusion Guidance (October 2006 and subsequent updates) and the Department-approved SVI Work Plan dated November 15, 2021.

Pre-Sampling Inventory
Inspection of the three (3) separate areas of the building were completed prior to air sampling. The three (3) areas included: Area 1 – retail space currently used as a hair salon; Area 2 – a large open space used as a rock climbing gym, and Area 3 – a commercial restaurant and brewery. It should be noted that all areas of the building within the BCP boundary are new construction with no basement or crawlspaces, and no residential use on the ground floor of the building. See photolog for pre-inspection.

Area 1 – Inventory
Area 1 is currently a retail hair salon, with multiple hair stations, rest room, offices, and storage room.

Pre-inspection identified multiple alcohol-based hand sanitizers, hair coloring dyes, and hair related shampoo and conditioning products. Traditional cleaning products and air fresheners were identified.

Area 2 – Inventory
Area 2 is currently a commercial indoor rock climbing facility with office, storage room, retail product display areas, and large rock climbing facility.

Pre-inspection identified multiple alcohol-based hand sanitizers, commercial cleaners, rock climbing shoes, harnesses, ropes, plastic rock climbing holds, adhesives, degreasers, clothes, paints, and construction adhesive, dry erase markers and board cleaning spray.

Area 3 – Inventory
Area 3 is a commercial restaurant and brewery.

Pre-inspection identified multiple alcohols (hand sanitizer to 55-gallon drums), commercial glycol, ammonia compressor fluid (55, gal), propane fueled forklifts, paints, degreaser, aerosols, multi-purpose cleaners (commercial and retail based - ECOLAB), insect sprays, brewery package and adhesives (labels), gasoline cans and outdoor power equipment (lawn mower).

Air Sample Collection
Samples were collected on April 4th, 2022. Though the DOH guidance recommends sampling be completed prior to the end of March, the building HVAC systems were still operating in early April. Temperature ranged from 32-46 °F (Accuweather.com).

The air samples were collected using laboratory provided Summa® air collection canisters equipped with pre-set timed regulator to draw vapors into the canisters over a 24-hour period. Following sample collection, the canisters were delivered under chain of custody command to NYSDOH ELAP-approved laboratory for analysis of volatile organic compounds per USEPA TO-15 methodology. A copy of the laboratory analytical report is attached. A summary of the analytical results is presented in Table 1, and Table 2 provides a comparison of the analytical results to the NYSDOH Matrix A, B, and C thresholds.

Air Sample Results
The vast majority of air constituents were reported by the laboratory as non-detect or estimated values below the laboratory quantitation limit. None of the eight (8) compounds included in the NYSDOH matrices were detected in the subslab air samples. Laboratory air sample analytical results are summarized on Table 1. The laboratory analytical results for the compounds eight (8) subject to the NYSDOH SVI Guidance were compared to their respective decision matrices (Matrix A, Matrix B, and Matrix C, respectively) on Table 2. Based on the comparison of analytical concentrations all results indicate "No Further Action (NFA)". Laboratory analytical data package is attached.

Based upon the results of the sampling as summarized herein, the data does not indicate a soil vapor intrusion concern.

Please let us know if you require additional information.

Please do not hesitate to contact us if you have any questions or require additional information.

Sincerely,
TurnKey Environmental Restoration, LLC

Nathan T. Munley
Project Manager

ec W. Paladino, 4216 Group, LLC
L. Carbaugh, Esq.

File: 0136-021-009

Tables

TABLE 1

SUMMARY OF SUBSLAB VAPOR, INDOOR AIR, AND OUTDOOR AIR SAMPLING ANALYTICAL RESULTS

300 OHIO STREET STREET SITE
BCP SITE NO. C915287
BUFFALO, NEW YORK

Parameter [1]	Sample Location & Sample Date						
	SVI-1	IA-1	SVI-2	IA-2	SVI-3	IA-3	OA-1
	4/5/2022						
Volatile Organic Compou0s (VOCs, ug/m3)							
1,1,1-Trichloroethane (Matrix B)	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (Matrix A)	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND	3.39	ND	ND	ND
2-Butanone	ND	5.6	16.7	69.6	ND	2.75	ND
Acetone	29.5	41.3	55.3	125	48.9	71	4.25
Bromodichloromethane	ND	ND	ND	ND	ND	1.51	ND
Carbon Tetrachloride (Matrix A)	ND	0.585	ND	0.535	ND	1.97	0.497
Chloroform	ND	1.57	ND	ND	ND	5.18	ND
Chloromethane	ND	1.66	1.07	1.62	ND	1.58	1.45
cis-1,2-Dichloroethene (Matrix A)	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	1.01	5.16	9.78	ND	ND	ND
Dichlorodifluoromethane	ND	2.66	ND	2.62	6.87	2.71	2.47
Ethanol	19400	22000	2340	2620	8420	6500	ND
Ethyl acetate	23.5	51.2	ND	7.68	26.3	58.7	ND
Ethylbenzene	ND	ND	ND	1.16	ND	1.34	ND
Heptane	ND	0.836	ND	0.84	ND	ND	ND
Isopropanol	171	143	214	305	2780	4010	1.89
m&p-Xylene	ND	ND	ND	5.56	ND	5.65	ND
Methylene chloride (Matrix B)	ND	2.54	ND	ND	ND	1.94	1.77
n-Hexane	ND	1.74	5.57	7.3	ND	ND	ND
o-Xylene	ND	ND	ND	1.91	ND	1.61	ND
Styrene	ND	1.35	ND	2.49	ND	0.954	ND
Tetrachloroethene (Matrix B)	ND	0.305	ND	0.149	ND	2.17	ND
Tetrahydrofuran	ND	ND	ND	2.02	ND	ND	ND
Toluene	ND	2.07	9.23	23.4	ND	1.75	ND
Trichloroethene (Matrix A)	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	2.3	ND	1.42	18.6	24.5	1.39
Vinyl chloride (Matrix C)	ND	ND	ND	ND	ND	ND	ND

Notes:
1. Only those parameters detected above the method detection limit, at a minimum of one location, are presented in this table.

Definitions:
ND = Parameter not detected above laboratory detection limit.
"--" = No value available for the parameter. Or parameter not analyzed for.
J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
D = Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
blue = Constituent monitored under NYSDOH Vapor/ Indoor Air Quality Standards - (Matrices A,B,C- Updated May 2017)

TABLE 2

COMPARISON OF SUBSLAB VAPOR, INDOOR AIR, AND OUTDOOR AIR ANALYTICAL RESULTS TO NYSDOH DECISION MATRICES

300 OHIO STREET SITE
BCP SITE NO. C915287
BUFFALO, NEW YORK

Sample Location	Carbon Tetrachloride		Trichloroethene (TCE)		cis-1,2-Dichloroethene		1,1-Dichloroethene		Tetrachloroethene (PCE)		1,1,1 -Trichloroethane		Methylene Chloride		Vinyl Chloride	
	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix A	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix A	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix A	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix A	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix B	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix B	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix B	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix C
INDOOR																
SVI-1	ND	NFA	ND	NFA	ND	NFA	ND	NFA	ND	NFA	ND	NFA	ND	NFA	ND	NFA
IA-1	0.585		ND		ND		ND		0.305		ND		2.54		ND	
SVI-2	ND		ND		ND		ND		ND		ND		ND		ND	
IA-2	0.535		ND		ND		ND		0.149		ND		ND		ND	
SVI-3	ND		ND		ND		ND		ND		ND		ND		ND	
IA-3	1.97		ND		ND		ND		2.17		ND		1.94		ND	
OUTDOOR																
OA-1	0.497		ND		ND		ND		ND		ND		1.77		ND	

Notes:
1. Concentration in micrograms per cubic meter (ug/m^3)

Definitions:
ND = Not Detected
J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
D = Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
NFA = No further action.
Monitor = Monitor soil vapor / indoor air
Mitigate = Mitigate source of identified parameter.

Analytes Assigned:
Trichloroethene (TCE), *cis*-1,2-Dichloroethene (c12-DCE), 1,1-Dichloroethene (11-DCE), Carbon Tetrachloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. No further action	5. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

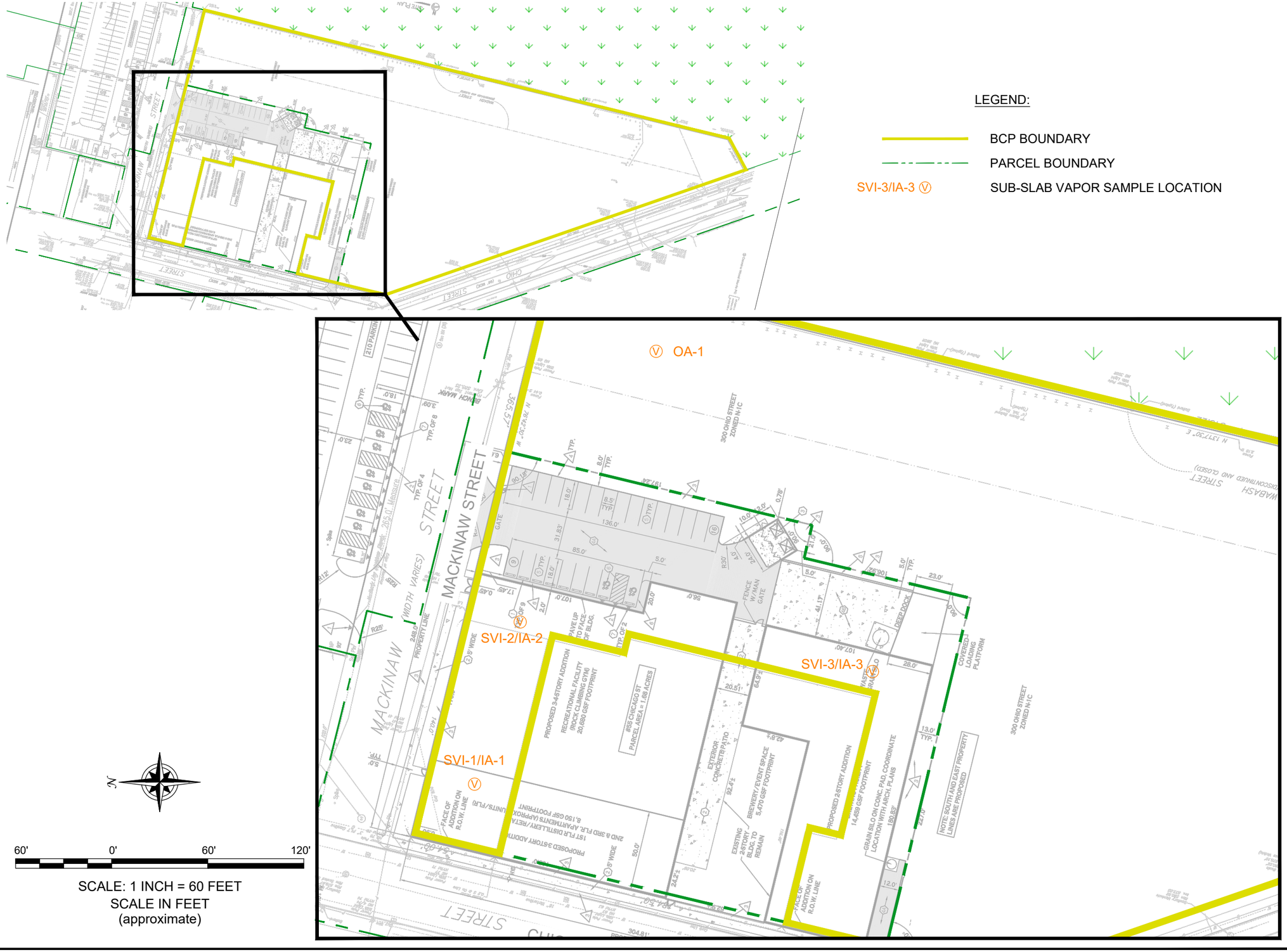
Analytes Assigned:
Tetrachloroethene (PCE), 1,1,1-Trichloroethane (111-TCA), Methylene Chloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. MONITOR	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

Analytes Assigned:
Vinyl Chloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)	
	< 0.2	0.2 and above
< 6	1. No further action	2. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	3. MONITOR	4. MITIGATE
60 and above	5. MITIGATE	6. MITIGATE

Figures



DATE: NOVEMBER 2021
DRAFTED BY: CMC

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

JOB NO.: 0136-018-010

SVI SAMPLE LOCATIONS

2021 SVI WORK PLAN

300 OHIO STREET SITE
BCP SITE NO. C915257
BUFFALO, NEW YORK

PREPARED FOR
4216 GROUP, LLC

FIGURE 1

Attachment 1 - Inventory

TurnKey

INDOOR AIR QUALITY QUESTIONNAIRE & BUILDING INVENTORY

Project Name: 300 Ohio Street | Project No.

Project Location: | Client:

Preparer's Name: N. Munkey | Date/Time: 4 April 2022

Preparer's Affiliation: TurnKey | Phone No:

Purpose of Investigation: Confirmatory SVI

1. OCCUPANT:

Area 1 – Hair Salon
Area 2 – Rock Gym
Area 3 – Rest / Brewery

Interviewed: yes no

Last Name: First Name:

Address:

County:

Home Phone: Office Phone:

Number of Occupants/persons at this location: Age of Occupants:

2. OWNER OR LANDLORD: (check if same as occupant_____)

Interviewed: yes no

Last Name: First Name:

Address:

County:

Home Phone: Office Phone:

3. BUILDING CHARACTERISTICS

Type of Building: check appropriate response)

☐ Residential	☐ School	☒ Commercial/Multi-use
☐ Industrial	☐ Church	☐ Other:

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

☐ Ranch	☐ 2-Family	☐ 3-Family
☐ Raised Ranch	☐ Split Level	☐ Colonial
☐ Cape Cod	☐ Contemporary	☐ Mobile Home
☐ Duplex	☐ Apartment House	☐ Townhouse/Condo
☐ Modular	☐ Log Home	☐ Other:

If multiple units, how many? Residential Apts on upper floors only

If the property is commercial, type?

Business Type(s):

Does it include residences (i.e., multi-use)? (yes) no If yes, how many?

Other Characteristics:

Number of floors 1-3 Building age 2020

Is the building insulated? (yes) no How air tight? (tight) average not tight

4. AIR FLOW

TurnKey Environmental Restoration, LLC

INDOOR AIR QUALITY QUESTIONNAIRE & BUILDING INVENTORY

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

Airflow between floors — NA- each unit has individual HVAC

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

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

No Basement - Slab on Grade New Construction

a. Above grade construction:	☐ wood frame	☐ concrete	☐ stone
b. Basement type:	☐ full	☐ crawlspace	☐ slab
c. Basement floor:	☐ concrete	☐ dirt	☐ stone
d. Basement floor:	☐ uncovered	☐ covered	☐ covered with
e. Concreter floor:	☐ unsealed	☐ sealed	☐ sealed with
f. Foundation walls:	☐ poured	☐ block	☐ stone
g. Foundation walls:	☐ unsealed	☐ sealed	☐ sealed with
h. The basement is:	☐ wet	☐ damp	☐ dry
i. The basement is:	☐ finished	☐ unfinished	☐ partially finished
j. Sump present?	☐ yes	☐ no	
k. Water in Sump?	☐ yes	☐ no	☐ not applicable

Basement/Lowest level depth below grade:

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

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

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

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

The primary type of fuel used is:

- [x] Natural Gas
- [ ] Fuel oil
- [ ] Kerosene
- [ ] Electric
- [ ] Propane
- [ ] Solar
- [ ] Wood
- [ ] Coal
- [ ] Other

Domestic hot water tank fueled by: NG

Boiler/furnace located in: ~~NA~~ Each Area has independent HVAC

- [ ] Basement
- [ ] Outdoors
- [ ] Main Floor
- [ ] Other

Air Conditioning:

- [ ] Central Air
- [ ] Window units
- [ ] Open Windows
- [ ] None

Are there air distribution ducts present? [x] yes [ ] no

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

7. OCCUPANCY

Is basement/lowest level occupied? [ ] Full-time [ ] Occaisionally [ ] Seldom [ ] Almost Never

Level	**General Use of Each Floor** (e.g., family room, bedroom, laundry, workshop, storage)
Basement	~~NA~~
First Floor	Commercial Retail
Second Floor	Apartments
Third Floor	Apartment
Fourth Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? [ ] yes [x] no

b. Does the garage have a separate heating unit? ☐ yes ☐ no ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage? ☐ yes ☐ no ☒ NA
(e.g., lawnmower, atv, car) If yes, please specify:

d. Has the building ever had a fire? ☐ yes ☑ no
If yes, when?

e. Is a kerosene or unvented gas space heater present? ☐ yes ☑ no
If yes, where?

f. Is there a workshop or hobby/craft area? ☐ yes ☑ no
If yes, where and type?

g. Is there smoking in the building? ☐ yes ☐ no NA - 1st Floor
If yes, how frequently?

h. Have cleaning products been used recently? ☒ yes ☐ no
If yes, when & type?

i. Have cosmetic products been used recently? ☒ yes ☐ no Area 1 - Hair Salon
If yes, when & type?

j. Has painting/staining been done in the last 6 months? ☐ yes ☑ no
If yes, where & when?

k. Is there new carpet, drapes, or other textiles? ☐ yes ☐ no
If yes, where & when?

l. Have air fresheners been used recently? ☑ yes ☐ no
If yes, when & type?

m. Is there a kitchen exhaust fan? ☑ yes ☐ no
If yes, where vented?

n. Is there a bathroom exhaust fan? ☑ yes ☐ no
If yes, where vented?

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY (continued)

o. Is there a clothes dryer? ☑ yes ☐ no
If yes, is it vented outside? yes no

p. Has there been a pesticide application? ☐ yes ☑ no

If yes, when & type?

q. Are there odors in the building? ☐ yes ☑ no

If yes, please describe?

r. Do any of the building occupants use solvents at work? ☐ yes ☐ no Alcohols

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? Hair coloring?

If yes, are their clothes washed at work? ☐ yes ☐ no

s. Do any of the building occupants regularly use or work at a dry-cleaning service?

(check appropriate response)

☐ yes, use dry-cleaning regularly (weekly) ☐ no

☐ yes, use dry-cleaning infrequently (monthly or less) ☐ unknown Unknown – Multiple clients and employees

☐ yes, work at a dry-cleaning service

t. Is there a radon mitigation system for the building/structure? ☐ yes ☑ no

If yes, date of installation?

Is the system active or passive?

9. WATER AND SEWAGE

Water Supply: ☑ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well

☐ Other:

Sewage Disposal: ☑ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well

☐ Other:

10. RELOCATION INFORMATION (for oil spill residential emergency) NA

a. Provide reasons why relocation is recommended:

b. Residents choose to: ☐ remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? ☐ yes ☐ no

d. Relocation package provided and explained to residents? ☐ yes ☐ no

11. FLOOR PLANS

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

TurnKey Environmental Restoration, LLC

INDOOR AIR QUALITY QUESTIONNAIRE & BUILDING INVENTORY

Ana + Hair Salon

Location	Product Description	Size (units)	Condition 1	Chemical Ingredients	Field Instrument Reading (units)	Photo (Y/N)
- Hand Sanitizer - entrance, stations		multiple		Alcohol Based		
- Hair Coloring dyes/chemicals						
- Hair Care products - shampoo/conditioner				- Retail Size/display		
- Commercial Cleaners / Bathroom Cleaners						
- Multi-surface cleaners (aerosol cans)						
- Air Fresheners (Bathroom)						

Notes:

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

TurnKey Environmental Restoration, LLC

INDOOR AIR QUALITY QUESTIONNAIRE & BUILDING INVENTORY

Area 2 - Rock Gym

Location	Product Description	Size (units)	Condition 1	Chemical Ingredients	Field Instrument Reading (units)	Photo (Y/N)
—	Hand Sanitizer Station - multiple locations (entrance, office/counter, multiple in rock gym area / Bathrooms)					
≈	Odor (OdoBan)	5gal	10 on shelf			
-	Floor Cleaner	2gal	10 on shelf			
-	Powdr toilet Cleaner	~15	1gallon	(Removed		
-	Gow Be Gone					
-	Aerosol / Fresheners					
-	Aerosol / Surface Cleaners					
-	Rock climbing Shoes / harnesses / Ropes					
-	Rock climbing Holds (Plastic hand + foot obstacles)					
-	Plastic Storage Bins					
-	Office supplies					
	- Nail Polish Remover					
-	Dry Erase Board + Markers					
-	Construction Adhesive - 1 tube					
-	5gal Latex Paint					

Notes:

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

TurnKey Environmental Restoration, LLC

INDOOR AIR QUALITY QUESTIONNAIRE & BUILDING INVENTORY

Area 3 - Rest / Brewery

Location	Product Description	Size (units)	Condition 1	Chemical Ingredients	Field Instrument Reading (units)	Photo (Y/N)
	- Ammonia Compressor Fluid - 55 gallon					
	- Propylene Glycol (Inducool NFP-40) 5 - 55 gallon					
	- Coca Cola (5 - 6 gal)					
	- Propane cylinders - multiple					
	- Iso propyl Alcohol - 55-gal -					
	- Bleach (3 on shelf)					
	- Ecolab - Eco-San - (Wood Sanitizer - 5 - 1 gal					
	- Ecolab - Ecotemp - Ultra Dry - 6 - 1-gal					
	- Ecolab - Solid Power XL - Dishwasher Detergent - 2 boxes					
	- Airwick - Air fresheners - 2 boxes - 24/ea					
	- Zep - insect spray (aerosol) - 4 spray bottles					
	- Resin - Sikafloor 510 PLT - 1 - 5-gal pail					
	- Latex Paint - 1 Qt - 5-gal					
	- Bleach					
	- Multiple hand sanitizer station throughout					
	- Lawn Mower					
	- Fork lifts (Propane)					
	- Propane Gauge (cylinders)					
	- Label Adhesive					
	- Multiple compressors/motors					
	- Winter jackets / Coats (typical)					

Notes:

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

Attachment 2 - Photolog

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: Area 1 – Hair Salon
Photo 2: Area 1 – Product display (retail)
Photo 3: Area 1 – Example of shampoo products stored.
Photo 4: Area 1 – Hair dye/product storage area

SITE PHOTOGRAPHS

Photo 5:

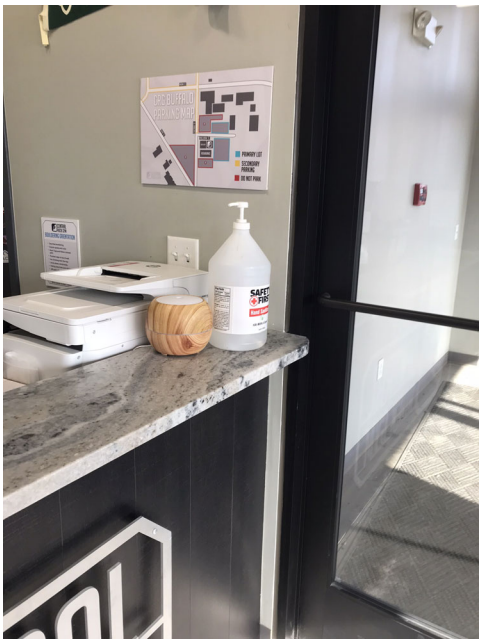


Photo 6:

Photo 7:

Photo 8:

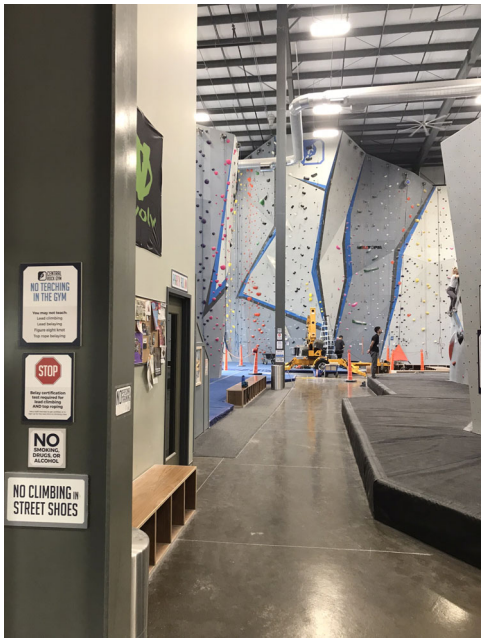


Photo 5: Area 2 – Hand sanitizer at entrance counter.
Photo 6: Area 2 – Retail area - entrance.
Photo 7: Area 2 – cleaner and rock climbing equipment storage.
Photo 8: Area 2 – Large open rock climbing gym.

SITE PHOTOGRAPHS

Photo 9:

Photo 10:

Photo 11:

Photo 12:

Photo 9: Area 3 – Restaurant
Photo 10: Area 3 – Restaurant
Photo 11: Area 3 – Brewery storage area – forklift
Photo 12: Area 3 – Packaging and labeling area.

SITE PHOTOGRAPHS

Photo 13:

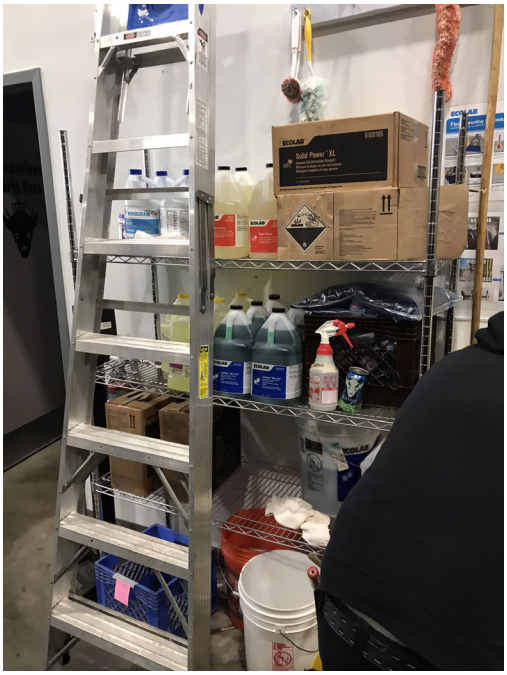


Photo 14:

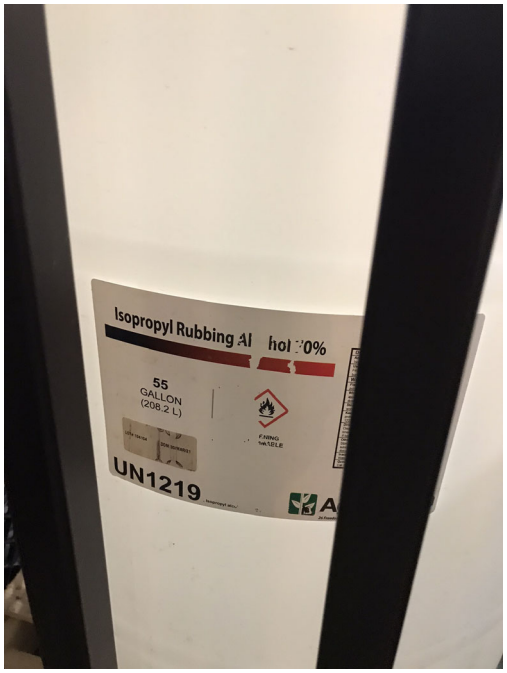


Photo 15:

Photo 16:

Photo 13: Area 3 – Chemical and cleaner storage rack.
Photo 14: Area 3 – Alcohol drum (production area).
Photo 15: Area 3 – Propylene Glycol drum.
Photo 16: Area 3 – Propane and gas can storage.

Attachment 3 – Laboratory Data Package

ANALYTICAL REPORT

Lab Number:	L2217682
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 225-3314
Project Name:	300 OHIO ST
Project Number:	T0136-021-009/004/00
Report Date:	04/19/22

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: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2217682-01	SVI-1 SUB-SLAB	SOIL_VAPOR	BUFFALO NY	04/05/22 10:03	04/05/22
L2217682-02	IA-1 INDOOR AIR	AIR	BUFFALO NY	04/05/22 10:03	04/05/22
L2217682-03	SVI-2 SUB-SLAB	SOIL_VAPOR	BUFFALO NY	04/05/22 10:19	04/05/22
L2217682-04	IA-2 INDOOR AIR	AIR	BUFFALO NY	04/05/22 10:19	04/05/22
L2217682-05	SVI-3 SUB-SLAB	SOIL_VAPOR	BUFFALO NY	04/05/22 10:35	04/05/22
L2217682-06	IA-3 INDOOR AIR	AIR	BUFFALO NY	04/05/22 10:36	04/05/22
L2217682-07	OA-1 OUTDOOR AIR	AIR	BUFFALO NY	04/05/22 10:25	04/05/22

Project Name:	300 OHIO ST	**Lab Number:**	L2217682
Project Number:	T0136-021-009/004/00	**Report Date:**	04/19/22

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:	300 OHIO ST	**Lab Number:**	L2217682
Project Number:	T0136-021-009/004/00	**Report Date:**	04/19/22

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on March 3, 2022. The canister certification results are provided as an addendum.

L2217682-01D, -03D, and -05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2217682-01D2 and -05D2: 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.

L2217682-02,04,06: 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.

L2217682-02D,04D,06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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: 04/19/22

AIR

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-01 D
Client ID: SVI-1 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:03
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/17/22 18:26
Analyst: RY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	9350	50.0	--	17600	94.2	--	E	10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	12.4	10.0	--	29.5	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	69.5	5.00	--	171	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	ND	5.00	--	ND	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-01 D
Client ID: SVI-1 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:03
Date Received: 04/05/22
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	6.51	5.00	--	23.5	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-01 D
Client ID: SVI-1 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:03
Date Received: 04/05/22
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	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	82		60-140
Bromochloromethane	79		60-140
chlorobenzene-d5	82		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-01 D2
Client ID: SVI-1 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:03
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/18/22 07:06
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethanol	10300	125	--	19400	236	--		25

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	71		60-140
Bromochloromethane	67		60-140
chlorobenzene-d5	69		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-02
Client ID: IA-1 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:03
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/14/22 22:49
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.537	0.200	--	2.66	0.989	--		1
Chloromethane	0.802	0.200	--	1.66	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5690	5.00	--	10700	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	17.4	1.00	--	41.3	2.38	--		1
Trichlorofluoromethane	0.409	0.200	--	2.30	1.12	--		1
Isopropanol	58.2	0.500	--	143	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	0.731	0.500	--	2.54	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.90	0.500	--	5.60	1.47	--		1
Ethyl Acetate	14.2	0.500	--	51.2	1.80	--		1
Chloroform	0.322	0.200	--	1.57	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-02
Client ID: IA-1 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:03
Date Received: 04/05/22
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.493	0.200	--	1.74	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	0.292	0.200	--	1.01	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.204	0.200	--	0.836	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.548	0.200	--	2.07	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.317	0.200	--	1.35	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-02
Client ID: IA-1 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:03
Date Received: 04/05/22
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								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	89		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-02
Client ID: IA-1 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:03
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/14/22 22:49
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	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.093	0.020	--	0.585	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.045	0.020	--	0.305	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	89		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-02 D
Client ID: IA-1 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:03
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/15/22 09:48
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethanol	11700	806	--	22000	1520	--		161.3

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	97		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-03 D
Client ID: SVI-2 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:19
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/17/22 19:02
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		2.5
Chloromethane	0.518	0.500	--	1.07	1.03	--		2.5
Freon-114	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	ND	0.500	--	ND	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethanol	1240	12.5	--	2340	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	23.3	2.50	--	55.3	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
Isopropanol	87.0	1.25	--	214	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Tertiary butyl Alcohol	ND	1.25	--	ND	3.79	--		2.5
Methylene chloride	ND	1.25	--	ND	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	ND	0.500	--	ND	1.56	--		2.5
Freon-113	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	5.67	1.25	--	16.7	3.69	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-03 D
Client ID: SVI-2 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:19
Date Received: 04/05/22
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	1.25	--	ND	4.50	--		2.5
Chloroform	ND	0.500	--	ND	2.44	--		2.5
Tetrahydrofuran	ND	1.25	--	ND	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	1.58	0.500	--	5.57	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	ND	0.500	--	ND	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	1.50	0.500	--	5.16	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	ND	0.500	--	ND	2.69	--		2.5
2,2,4-Trimethylpentane	ND	0.500	--	ND	2.34	--		2.5
Heptane	ND	0.500	--	ND	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	1.25	--	ND	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	2.45	0.500	--	9.23	1.88	--		2.5
2-Hexanone	ND	0.500	--	ND	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	ND	0.500	--	ND	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	ND	0.500	--	ND	2.17	--		2.5

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-03 D
Client ID: SVI-2 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:19
Date Received: 04/05/22
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	ND	1.00	--	ND	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	ND	0.500	--	ND	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	ND	0.500	--	ND	2.17	--		2.5
4-Ethyltoluene	ND	0.500	--	ND	2.46	--		2.5
1,3,5-Trimethylbenzene	ND	0.500	--	ND	2.46	--		2.5
1,2,4-Trimethylbenzene	ND	0.500	--	ND	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	87		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-04
Client ID: IA-2 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:19
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/14/22 22:08
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.529	0.200	--	2.62	0.989	--		1
Chloromethane	0.785	0.200	--	1.62	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	1180	5.00	--	2220	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	52.8	1.00	--	125	2.38	--		1
Trichlorofluoromethane	0.253	0.200	--	1.42	1.12	--		1
Isopropanol	124	0.500	--	305	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	23.6	0.500	--	69.6	1.47	--		1
Ethyl Acetate	2.13	0.500	--	7.68	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.684	0.500	--	2.02	1.47	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-04
Client ID: IA-2 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:19
Date Received: 04/05/22
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.07	0.200	--	7.30	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	2.84	0.200	--	9.78	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.205	0.200	--	0.840	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	6.20	0.200	--	23.4	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.268	0.200	--	1.16	0.869	--		1
p/m-Xylene	1.28	0.400	--	5.56	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.586	0.200	--	2.49	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.439	0.200	--	1.91	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-04
Client ID: IA-2 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:19
Date Received: 04/05/22
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								
1,2,4-Trimethylbenzene	0.689	0.200	--	3.39	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	89		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-04
Client ID: IA-2 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:19
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/14/22 22:08
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	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.085	0.020	--	0.535	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.022	0.020	--	0.149	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	92		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-04 D
Client ID: IA-2 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:19
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/15/22 08:53
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethanol	1390	31.2	--	2620	58.8	--		6.25

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	86		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	86		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-05 D
Client ID: SVI-3 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:35
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/17/22 19:38
Analyst: RY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.39	1.11	--	6.87	5.49	--		5.556
Chloromethane	ND	1.11	--	ND	2.29	--		5.556
Freon-114	ND	1.11	--	ND	7.76	--		5.556
Vinyl chloride	ND	1.11	--	ND	2.84	--		5.556
1,3-Butadiene	ND	1.11	--	ND	2.46	--		5.556
Bromomethane	ND	1.11	--	ND	4.31	--		5.556
Chloroethane	ND	1.11	--	ND	2.93	--		5.556
Ethanol	3540	27.8	--	6670	52.4	--	E	5.556
Vinyl bromide	ND	1.11	--	ND	4.85	--		5.556
Acetone	20.6	5.56	--	48.9	13.2	--		5.556
Trichlorofluoromethane	3.31	1.11	--	18.6	6.24	--		5.556
Isopropanol	1130	2.78	--	2780	6.83	--		5.556
1,1-Dichloroethene	ND	1.11	--	ND	4.40	--		5.556
Tertiary butyl Alcohol	ND	2.78	--	ND	8.43	--		5.556
Methylene chloride	ND	2.78	--	ND	9.66	--		5.556
3-Chloropropene	ND	1.11	--	ND	3.47	--		5.556
Carbon disulfide	ND	1.11	--	ND	3.46	--		5.556
Freon-113	ND	1.11	--	ND	8.51	--		5.556
trans-1,2-Dichloroethene	ND	1.11	--	ND	4.40	--		5.556
1,1-Dichloroethane	ND	1.11	--	ND	4.49	--		5.556
Methyl tert butyl ether	ND	1.11	--	ND	4.00	--		5.556
2-Butanone	ND	2.78	--	ND	8.20	--		5.556
cis-1,2-Dichloroethene	ND	1.11	--	ND	4.40	--		5.556

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-05 D
Client ID: SVI-3 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:35
Date Received: 04/05/22
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	7.31	2.78	--	26.3	10.0	--		5.556
Chloroform	ND	1.11	--	ND	5.42	--		5.556
Tetrahydrofuran	ND	2.78	--	ND	8.20	--		5.556
1,2-Dichloroethane	ND	1.11	--	ND	4.49	--		5.556
n-Hexane	ND	1.11	--	ND	3.91	--		5.556
1,1,1-Trichloroethane	ND	1.11	--	ND	6.06	--		5.556
Benzene	ND	1.11	--	ND	3.55	--		5.556
Carbon tetrachloride	ND	1.11	--	ND	6.98	--		5.556
Cyclohexane	ND	1.11	--	ND	3.82	--		5.556
1,2-Dichloropropane	ND	1.11	--	ND	5.13	--		5.556
Bromodichloromethane	ND	1.11	--	ND	7.44	--		5.556
1,4-Dioxane	ND	1.11	--	ND	4.00	--		5.556
Trichloroethene	ND	1.11	--	ND	5.97	--		5.556
2,2,4-Trimethylpentane	ND	1.11	--	ND	5.18	--		5.556
Heptane	ND	1.11	--	ND	4.55	--		5.556
cis-1,3-Dichloropropene	ND	1.11	--	ND	5.04	--		5.556
4-Methyl-2-pentanone	ND	2.78	--	ND	11.4	--		5.556
trans-1,3-Dichloropropene	ND	1.11	--	ND	5.04	--		5.556
1,1,2-Trichloroethane	ND	1.11	--	ND	6.06	--		5.556
Toluene	ND	1.11	--	ND	4.18	--		5.556
2-Hexanone	ND	1.11	--	ND	4.55	--		5.556
Dibromochloromethane	ND	1.11	--	ND	9.46	--		5.556
1,2-Dibromoethane	ND	1.11	--	ND	8.53	--		5.556
Tetrachloroethene	ND	1.11	--	ND	7.53	--		5.556
Chlorobenzene	ND	1.11	--	ND	5.11	--		5.556
Ethylbenzene	ND	1.11	--	ND	4.82	--		5.556

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-05 D
Client ID: SVI-3 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:35
Date Received: 04/05/22
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	ND	2.22	--	ND	9.64	--		5.556
Bromoform	ND	1.11	--	ND	11.5	--		5.556
Styrene	ND	1.11	--	ND	4.73	--		5.556
1,1,2,2-Tetrachloroethane	ND	1.11	--	ND	7.62	--		5.556
o-Xylene	ND	1.11	--	ND	4.82	--		5.556
4-Ethyltoluene	ND	1.11	--	ND	5.46	--		5.556
1,3,5-Trimethylbenzene	ND	1.11	--	ND	5.46	--		5.556
1,2,4-Trimethylbenzene	ND	1.11	--	ND	5.46	--		5.556
Benzyl chloride	ND	1.11	--	ND	5.75	--		5.556
1,3-Dichlorobenzene	ND	1.11	--	ND	6.67	--		5.556
1,4-Dichlorobenzene	ND	1.11	--	ND	6.67	--		5.556
1,2-Dichlorobenzene	ND	1.11	--	ND	6.67	--		5.556
1,2,4-Trichlorobenzene	ND	1.11	--	ND	8.24	--		5.556
Hexachlorobutadiene	ND	1.11	--	ND	11.8	--		5.556

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	86		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-05 D2
Client ID: SVI-3 SUB-SLAB
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:35
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/18/22 07:42
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethanol	4470	62.5	--	8420	118	--		12.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	74		60-140
Bromochloromethane	73		60-140
chlorobenzene-d5	73		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-06
Client ID: IA-3 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:36
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/14/22 20:45
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.548	0.200	--	2.71	0.989	--		1
Chloromethane	0.763	0.200	--	1.58	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	2320	5.00	--	4370	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	29.9	1.00	--	71.0	2.38	--		1
Trichlorofluoromethane	4.36	0.200	--	24.5	1.12	--		1
Isopropanol	1200	0.500	--	2950	1.23	--	E	1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	0.557	0.500	--	1.94	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.933	0.500	--	2.75	1.47	--		1
Ethyl Acetate	16.3	0.500	--	58.7	1.80	--		1
Chloroform	1.06	0.200	--	5.18	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-06
Client ID: IA-3 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:36
Date Received: 04/05/22
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	0.225	0.200	--	1.51	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.465	0.200	--	1.75	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.309	0.200	--	1.34	0.869	--		1
p/m-Xylene	1.30	0.400	--	5.65	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.224	0.200	--	0.954	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.370	0.200	--	1.61	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-06
Client ID: IA-3 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:36
Date Received: 04/05/22
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								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	94		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-06
Client ID: IA-3 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:36
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/14/22 20:45
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	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.313	0.020	--	1.97	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.320	0.020	--	2.17	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-06 D
Client ID: IA-3 INDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:36
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/15/22 07:39
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethanol	3450	83.4	--	6500	157	--		16.67
Isopropanol	1630	8.34	--	4010	20.5	--		16.67

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	86		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	85		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-07
Client ID: OA-1 OUTDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:25
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/14/22 20:05
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.499	0.200	--	2.47	0.989	--		1
Chloromethane	0.700	0.200	--	1.45	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.79	1.00	--	4.25	2.38	--		1
Trichlorofluoromethane	0.248	0.200	--	1.39	1.12	--		1
Isopropanol	0.769	0.500	--	1.89	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	0.509	0.500	--	1.77	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-07
Client ID: OA-1 OUTDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:25
Date Received: 04/05/22
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-07
Client ID: OA-1 OUTDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:25
Date Received: 04/05/22
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								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

SAMPLE RESULTS

Lab ID: L2217682-07
Client ID: OA-1 OUTDOOR AIR
Sample Location: BUFFALO NY

Date Collected: 04/05/22 10:25
Date Received: 04/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/14/22 20:05
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	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	97		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/14/22 15:39

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): 02,04,06-07 Batch: WG1627420-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/14/22 15:39

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): 02,04,06-07 Batch: WG1627420-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/14/22 15:39

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): 02,04,06-07 Batch: WG1627420-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 04/14/22 16:18

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): 02,04,06-07 Batch: WG1627421-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/17/22 15:24

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): 01,03,05 Batch: WG1628150-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/17/22 15:24

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): 01,03,05 Batch: WG1628150-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00
Lab Number: L2217682
Report Date: 04/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/17/22 15:24

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): 01,03,05 Batch: WG1628150-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06-07 Batch: WG1627420-3								
Dichlorodifluoromethane	98		-		70-130	-		
Chloromethane	110		-		70-130	-		
Freon-114	106		-		70-130	-		
Vinyl chloride	102		-		70-130	-		
1,3-Butadiene	113		-		70-130	-		
Bromomethane	110		-		70-130	-		
Chloroethane	99		-		70-130	-		
Ethanol	82		-		40-160	-		
Vinyl bromide	107		-		70-130	-		
Acetone	111		-		40-160	-		
Trichlorofluoromethane	108		-		70-130	-		
Isopropanol	104		-		40-160	-		
1,1-Dichloroethene	104		-		70-130	-		
Tertiary butyl Alcohol	91		-		70-130	-		
Methylene chloride	126		-		70-130	-		
3-Chloropropene	119		-		70-130	-		
Carbon disulfide	108		-		70-130	-		
Freon-113	116		-		70-130	-		
trans-1,2-Dichloroethene	92		-		70-130	-		
1,1-Dichloroethane	106		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
2-Butanone	112		-		70-130	-		
cis-1,2-Dichloroethene	108		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06-07 Batch: WG1627420-3								
Ethyl Acetate	110		-		70-130	-		
Chloroform	107		-		70-130	-		
Tetrahydrofuran	105		-		70-130	-		
1,2-Dichloroethane	102		-		70-130	-		
n-Hexane	113		-		70-130	-		
1,1,1-Trichloroethane	122		-		70-130	-		
Benzene	107		-		70-130	-		
Carbon tetrachloride	114		-		70-130	-		
Cyclohexane	111		-		70-130	-		
1,2-Dichloropropane	117		-		70-130	-		
Bromodichloromethane	115		-		70-130	-		
1,4-Dioxane	113		-		70-130	-		
Trichloroethene	120		-		70-130	-		
2,2,4-Trimethylpentane	114		-		70-130	-		
Heptane	124		-		70-130	-		
cis-1,3-Dichloropropene	118		-		70-130	-		
4-Methyl-2-pentanone	126		-		70-130	-		
trans-1,3-Dichloropropene	100		-		70-130	-		
1,1,2-Trichloroethane	126		-		70-130	-		
Toluene	110		-		70-130	-		
2-Hexanone	120		-		70-130	-		
Dibromochloromethane	122		-		70-130	-		
1,2-Dibromoethane	121		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06-07 Batch: WG1627420-3								
Tetrachloroethene	112		-		70-130	-		
Chlorobenzene	116		-		70-130	-		
Ethylbenzene	118		-		70-130	-		
p/m-Xylene	118		-		70-130	-		
Bromoform	113		-		70-130	-		
Styrene	119		-		70-130	-		
1,1,2,2-Tetrachloroethane	125		-		70-130	-		
o-Xylene	119		-		70-130	-		
4-Ethyltoluene	114		-		70-130	-		
1,3,5-Trimethylbenzene	116		-		70-130	-		
1,2,4-Trimethylbenzene	123		-		70-130	-		
Benzyl chloride	98		-		70-130	-		
1,3-Dichlorobenzene	115		-		70-130	-		
1,4-Dichlorobenzene	113		-		70-130	-		
1,2-Dichlorobenzene	117		-		70-130	-		
1,2,4-Trichlorobenzene	114		-		70-130	-		
Hexachlorobutadiene	115		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02,04,06-07 Batch: WG1627421-3								
Vinyl chloride	102		-		70-130	-		25
1,1-Dichloroethene	103		-		70-130	-		25
cis-1,2-Dichloroethene	103		-		70-130	-		25
1,1,1-Trichloroethane	114		-		70-130	-		25
Carbon tetrachloride	106		-		70-130	-		25
Trichloroethene	113		-		70-130	-		25
Tetrachloroethene	112		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1628150-3								
Dichlorodifluoromethane	81		-		70-130	-		
Chloromethane	81		-		70-130	-		
Freon-114	81		-		70-130	-		
Vinyl chloride	78		-		70-130	-		
1,3-Butadiene	90		-		70-130	-		
Bromomethane	75		-		70-130	-		
Chloroethane	80		-		70-130	-		
Ethanol	129		-		40-160	-		
Vinyl bromide	90		-		70-130	-		
Acetone	105		-		40-160	-		
Trichlorofluoromethane	85		-		70-130	-		
Isopropanol	100		-		40-160	-		
1,1-Dichloroethene	93		-		70-130	-		
Tertiary butyl Alcohol	105		-		70-130	-		
Methylene chloride	114		-		70-130	-		
3-Chloropropene	110		-		70-130	-		
Carbon disulfide	121		-		70-130	-		
Freon-113	95		-		70-130	-		
trans-1,2-Dichloroethene	83		-		70-130	-		
1,1-Dichloroethane	83		-		70-130	-		
Methyl tert butyl ether	87		-		70-130	-		
2-Butanone	94		-		70-130	-		
cis-1,2-Dichloroethene	80		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1628150-3								
Ethyl Acetate	93		-		70-130	-		
Chloroform	87		-		70-130	-		
Tetrahydrofuran	88		-		70-130	-		
1,2-Dichloroethane	81		-		70-130	-		
n-Hexane	103		-		70-130	-		
1,1,1-Trichloroethane	95		-		70-130	-		
Benzene	89		-		70-130	-		
Carbon tetrachloride	99		-		70-130	-		
Cyclohexane	101		-		70-130	-		
1,2-Dichloropropane	92		-		70-130	-		
Bromodichloromethane	111		-		70-130	-		
1,4-Dioxane	99		-		70-130	-		
Trichloroethene	89		-		70-130	-		
2,2,4-Trimethylpentane	106		-		70-130	-		
Heptane	108		-		70-130	-		
cis-1,3-Dichloropropene	98		-		70-130	-		
4-Methyl-2-pentanone	109		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	93		-		70-130	-		
Toluene	82		-		70-130	-		
2-Hexanone	104		-		70-130	-		
Dibromochloromethane	112		-		70-130	-		
1,2-Dibromoethane	92		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1628150-3								
Tetrachloroethene	88		-		70-130	-		
Chlorobenzene	89		-		70-130	-		
Ethylbenzene	87		-		70-130	-		
p/m-Xylene	88		-		70-130	-		
Bromoform	111		-		70-130	-		
Styrene	87		-		70-130	-		
1,1,2,2-Tetrachloroethane	96		-		70-130	-		
o-Xylene	91		-		70-130	-		
4-Ethyltoluene	98		-		70-130	-		
1,3,5-Trimethylbenzene	91		-		70-130	-		
1,2,4-Trimethylbenzene	96		-		70-130	-		
Benzyl chloride	114		-		70-130	-		
1,3-Dichlorobenzene	91		-		70-130	-		
1,4-Dichlorobenzene	91		-		70-130	-		
1,2-Dichlorobenzene	88		-		70-130	-		
1,2,4-Trichlorobenzene	83		-		70-130	-		
Hexachlorobutadiene	83		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1627420-5 QC Sample: L2217682-06 Client ID: IA-3 INDOOR AIR						
Dichlorodifluoromethane	0.548	0.489	ppbV	11		25
Chloromethane	0.763	0.721	ppbV	6		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	2320E	2180E	ppbV	6		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	29.9	30.8	ppbV	3		25
Trichlorofluoromethane	4.36	4.25	ppbV	3		25
Isopropanol	1200E	1150E	ppbV	4		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	0.557	0.552	ppbV	1		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	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	0.933	0.954	ppbV	2		25
Ethyl Acetate	16.3	16.2	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1627420-5 QC Sample: L2217682-06 Client ID: IA-3 INDOOR AIR						
Chloroform	1.06	1.06	ppbV	0		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	0.240	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	0.225	0.230	ppbV	2		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	0.465	0.494	ppbV	6		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	0.309	0.297	ppbV	4		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1627420-5 QC Sample: L2217682-06 Client ID: IA-3 INDOOR AIR						
p/m-Xylene	1.30	1.32	ppbV	2		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.224	0.225	ppbV	0		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.370	0.388	ppbV	5		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1627420-5 QC Sample: L2217682-06 Client ID: IA-3 INDOOR AIR						
Ethanol	3450	3040	ppbV	13		25
Isopropanol	1630	1520	ppbV	7		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02,04,06-07 QC Batch ID: WG1627421-5 QC Sample: L2217682-06 Client ID: IA-3 INDOOR AIR						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.313	0.311	ppbV	1		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	0.320	0.328	ppbV	2		25

Project Name: 300 OHIO ST

Lab Number: L2217682

Project Number: T0136-021-009/004/00

Report Date: 04/19/22

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
L2217682-01	SVI-1 SUB-SLAB	01776	Flow 5	03/03/22	380629		-	-	-	Pass	3.0	2.9	3
L2217682-01	SVI-1 SUB-SLAB	2594	6.0L Can	03/03/22	380629	L2210345-01	Pass	-29.1	-8.2	-	-	-	-
L2217682-02	IA-1 INDOOR AIR	0382	Flow 5	03/03/22	380629		-	-	-	Pass	3.0	2.8	7
L2217682-02	IA-1 INDOOR AIR	2972	6.0L Can	03/03/22	380629	L2210345-0\2	Pass	-28.9	-12.5	-	-	-	-
L2217682-03	SVI-2 SUB-SLAB	01747	Flow 5	03/03/22	380629		-	-	-	Pass	3.0	2.4	22
L2217682-03	SVI-2 SUB-SLAB	3293	6.0L Can	03/03/22	380629	L2210345-01	Pass	-29.0	-7.3	-	-	-	-
L2217682-04	IA-2 INDOOR AIR	01683	Flow 5	03/03/22	380629		-	-	-	Pass	3.0	1.7	55
L2217682-04	IA-2 INDOOR AIR	1609	6.0L Can	03/03/22	380629	L2210345-01	Pass	-29.0	-12.9	-	-	-	-
L2217682-05	SVI-3 SUB-SLAB	0205	Flow 5	03/03/22	380629		-	-	-	Pass	3.0	2.8	7
L2217682-05	SVI-3 SUB-SLAB	3606	6.0L Can	03/03/22	380629	L2210345-0\2	Pass	-29.0	-7.9	-	-	-	-
L2217682-06	IA-3 INDOOR AIR	01817	Flow 5	03/03/22	380629		-	-	-	Pass	3.0	2.7	11
L2217682-06	IA-3 INDOOR AIR	706	6.0L Can	03/03/22	380629	L2210345-01	Pass	-29.1	-9.6	-	-	-	-
L2217682-07	OA-1 OUTDOOR AIR	02223	Flow 5	03/03/22	380629		-	-	-	Pass	3.0	2.9	3
L2217682-07	OA-1 OUTDOOR AIR	3350	6.0L Can	03/03/22	380629	L2210345-01	Pass	-29.0	-5.7	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2210345
Report Date: 04/19/22

Air Canister Certification Results

Lab ID: L2210345-01
Client ID: CAN 1807 SHELF 40
Sample Location:

Date Collected: 02/24/22 18:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/28/22 22:15
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2210345
Report Date: 04/19/22

Air Canister Certification Results

Lab ID: L2210345-01
Client ID: CAN 1807 SHELF 40
Sample Location:

Date Collected: 02/24/22 18:00
Date Received: 02/28/22
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	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2210345
Report Date: 04/19/22

Air Canister Certification Results

Lab ID: L2210345-01
Client ID: CAN 1807 SHELF 40
Sample Location:

Date Collected: 02/24/22 18:00
Date Received: 02/28/22
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	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2210345
Report Date: 04/19/22

Air Canister Certification Results

Lab ID: L2210345-01
Client ID: CAN 1807 SHELF 40
Sample Location:

Date Collected: 02/24/22 18:00
Date Received: 02/28/22
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	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2210345
Report Date: 04/19/22

Air Canister Certification Results

Lab ID: L2210345-01
Client ID: CAN 1807 SHELF 40
Sample Location:

Date Collected: 02/24/22 18:00
Date Received: 02/28/22
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	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2210345
Report Date: 04/19/22

Air Canister Certification Results

Lab ID: L2210345-01
Client ID: CAN 1807 SHELF 40
Sample Location:

Date Collected: 02/24/22 18:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/28/22 22:15
Analyst: RY

	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	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

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

Lab Number: L2210345
Report Date: 04/19/22

Air Canister Certification Results

Lab ID: L2210345-01
Client ID: CAN 1807 SHELF 40
Sample Location:

Date Collected: 02/24/22 18:00
Date Received: 02/28/22
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	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2210345
Report Date: 04/19/22

Air Canister Certification Results

Lab ID: L2210345-01
Client ID: CAN 1807 SHELF 40
Sample Location:

Date Collected: 02/24/22 18:00
Date Received: 02/28/22
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	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2217682-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2217682-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2217682-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2217682-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2217682-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2217682-06A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2217682-07A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	300 OHIO ST	**Lab Number:**	L2217682
Project Number:	T0136-021-009/004/00	**Report Date:**	04/19/22

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: Data Usability Report

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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. 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 reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

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Project Name:	300 OHIO ST	**Lab Number:**	L2217682
Project Number:	T0136-021-009/004/00	**Report Date:**	04/19/22

Data Qualifiers

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: Data Usability Report

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.

Serial_No:04192217:57

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 4/6/22

ALPHA Job #: L2217682

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

Client Information

Client: TurnKey Env Restoration, LLC
Address: 2558 Hamburg Turnpike Buffalo, NY
Phone: 716-856-0599
Fax:
Email:

❑ These samples have been previously analyzed by Alpha

Project Information

Project Name: 300 Ohio St
Project Location: Buffalo NY
Project #: T0136-021 009/004/002
Project Manager: N. Munley
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	End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
17682-01	SVI-1 sub-slab	4/5/22	918	1003	-29	-9	SV	RLD	6L	2594	01776	√					
02	IA-1 Indoor Air	4/5/22	1018	1003	-30	-12	AA	RLD	6L	2972	0382		√				
03	SVI-2 Sub-slab	↓	1015	1019	-29	-7	SV	RLD	6L	3253	0347	√					
04	IA-2 Indoor Air		1015	1019	-29	-13	AA	RLD	6L	1609	01083		√				
05	SVI-3 Sub-slab		1026	1035	-29	-8	SV	RLD	6L	3606	0205	√					
06	IA-3 Indoor Air		1027	1036	-29	-9	AA	RLD	6L	706	0817		√				
07	OA-1 Outdoor Air	↓	1018	1025	-30	-6.4	AA	RLD	6L	3350	02223		√				

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

Container Type: SUMA 6L √ √

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	4/6/22 05:00	[signature]	4/6/22 0010
[signature]	4/6/22 0650	[signature]	4/6/22 0500

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.

Data Validation Services

120 Cobble Creek Rd PO Box 208
North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

August 9, 2022

Charlotte Clark
Turnkey Environmental Restoration, LLC
2558 Hamburg Turnpike
Buffalo, NY 14218

RE: Data Usability Summary Report (DUSR) of 300 Ohio Street Site Analytical Data Package
Alpha Analytical SDG No. L2217682

Dear Ms. Clark

Review has been completed for the data package generated by Alpha Analytical that pertains to the analyses of air samples collected 04/05/22 at the 300 Ohio Street site. Seven 6- L summa canister air samples were analyzed for volatile analytes by USEPA GC/MS method TO-15.

The data package submitted by the laboratory contains full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. Full validation has not been performed. However, the reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the 2006 USEPA Region II validation SOP HW-31, and in consideration of the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Internal Standard Recoveries
* Method and Canister Blanks
* Laboratory Control Samples (LCSs)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level of review.

In summary, sample processing was conducted in compliance with the analysis protocol. Results are usable as reported.

The client and laboratory sample identifications are attached to this text. Also included is the client excel file.

Volatile Analyses by EPA TO-15

Holding times were met, internal standard responses are acceptable, and instrument tunes meet fragmentation requirements. LCSs show acceptable recoveries. Method and canister blanks show no contamination.

Initial and continuing calibration standard (ICV and CCV) linearity and calibration verification responses were compliant.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Judy Harry

Att: Sample Identifications
Laboratory EQuIS EDD

Sample Summaries

Project Name: 300 OHIO ST
Project Number: T0136-021-009/004/00

Lab Number: L2217682
Report Date: 04/19/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2217682-01	SVI-1 SUB-SLAB	SOIL_VAPOR	BUFFALO NY	04/05/22 10:03	04/05/22
L2217682-02	IA-1 INDOOR AIR	AIR	BUFFALO NY	04/05/22 10:03	04/05/22
L2217682-03	SVI-2 SUB-SLAB	SOIL_VAPOR	BUFFALO NY	04/05/22 10:19	04/05/22
L2217682-04	IA-2 INDOOR AIR	AIR	BUFFALO NY	04/05/22 10:19	04/05/22
L2217682-05	SVI-3 SUB-SLAB	SOIL_VAPOR	BUFFALO NY	04/05/22 10:35	04/05/22
L2217682-06	IA-3 INDOOR AIR	AIR	BUFFALO NY	04/05/22 10:36	04/05/22
L2217682-07	OA-1 OUTDOOR AIR	AIR	BUFFALO NY	04/05/22 10:25	04/05/22