

July 19, 2024

Mr. Jared Donaldson
Assistant Engineer
NYSDEC Division of Environmental Remediation
625 Broadway Albany, NY 12333

Re: **Quarterly Monitoring- Second Quarter 2024-updated**
Mom's Cleaners – NYSDEC Site No. 152184
Union Boulevard, West Islip, New York
FPM File No. 1141g-23-06

Dear Jared:

FPM Group (FPM) has prepared this monitoring report for the above-referenced Site to document the soil vapor intrusion (SVI) and sub-slab depressurization system SSDS monitoring for the second quarter 2024. A detailed summary of the work performed is further discussed below.

SSDS Monitoring

The SSDS fan and associated components were checked on and were noted to be in good working condition. System monitoring points were checked for vacuum and all monitoring points were noted to providing a vacuum in excess of the designed minimum of 0.004 inches of water. A table summarizing the vacuum readings at the monitoring points is included as Table 1. The monitoring point locations are shown on Figure 1.

An effluent sample was collected from the SSDS concurrent with the May 2024 SVI sampling to evaluate effluent concentration and is summarized with the previously obtained effluent data in Table 2. The current effluent data show the presence of tetrachloroethylene (PCE) and its associated breakdowns products (TCE) trichlorethylene and cis 1,2-dichlorethene (1,2-DCE) at generally low concentrations since the SSDS was placed into service. The complete laboratory report is included in Attachment A.

SVI Monitoring

SVI Monitoring was performed on May 23, 2024 and included the collection of indoor air samples CV-IA-1, CV-IA-2, CV-IA-3 and PT-IA-1. An ambient (outdoor) air sample was collected in conjunction with the air samples to evaluate conditions in the site vicinity during the time of sampling. Sub-slab soil vapor sampling was performed at CV-SV-1, CV-SV-2 and PT-SV-1 which were co-located with indoor air samples CV-IA-1, CV-IA-2, and PT-IA-1. An effluent sample was collected from the SSDS currently with the SVI monitoring as discussed above, as a general comparison to sub-slab soil vapor conditions in proximity to CV-SV-3, since the operation of the SSDS suction point is now located adjacent to this location.

The indoor air, ambient, and sub-slab soil vapor samples were collected over an approximate 8-hour time period. The canister volume and flow controller for each canister was calibrated by the analytical laboratory so as not to exceed 0.2 liters per minute. The canisters were sealed while measurable vacuum remained.

Upon completion of sampling, each canister was sealed, labeled, managed, transported, and tracked to the analytical laboratory under chain of custody procedures.

The sub-slab soil vapor samples were analyzed by a NYSDOH-certified laboratory using the TO-15 method and each of the indoor and outdoor air samples were analyzed using the TO-15 low-level method. The laboratory analytical report is included in Attachment A.

The sample analytical results are summarized in Table 3. In accordance with NYSDOH protocol, the indoor air sample results for the VOCs for which the NYSDOH provides guidance were compared to NYSDOH Air Guideline Values as comparison with the NYSDOH matrices does not directly apply when a structure is being actively mitigated. Our review of these data indicates the following:

- Five VOCs for which the NYSDOH provides guidance (PCE, TCE, carbon tetrachloride or CT, methylene chloride or MC, and toluene) were detected in one or more of the samples.
- CT was noted at very low concentrations in each of the samples and also the outdoor ambient air sample. This indicates that CT concentrations are related to outdoor air conditions in the site vicinity and not a concern for the Site.
- TCE was noted to be present at a generally low concentration in the PT-SV-1 sample location and outdoor ambient sample. TCE was not detected in the indoor air sample.
- PCE was noted to be present at generally low concentrations in the indoor air and well below its above its air guidance value. PCE concentrations in sub-slab soil vapor were noted to at generally concentrations with the exception of SV-1 which was noted at 158 $\mu\text{g}/\text{m}^3$. The outdoor ambient air sample was noted to have a PCE concentration of 0.85 $\mu\text{g}/\text{m}^3$.
- MC was noted to be present at generally low concentrations in each of the Indoor air samples and well below its above its air guidance value. MC was detected in one sub-slab soil vapor at a concentration of 13.7 $\mu\text{g}/\text{m}^3$.
- Toluene was noted to be present at low concentrations in the indoor air samples and at one sub-slab soil vapor sample location. The outdoor ambient air sample was noted to have a toluene concentration of 1.61 $\mu\text{g}/\text{m}^3$ which was generally similar to the indoor air concentrations.
- Several other VOCs were detected in the indoor air samples and were generally within the ranges of indoor air background concentrations for commercial buildings. Ambient air VOC concentrations were noted to be generally low or non-detect.

Conclusions

Based on the SVI and SSDS monitoring FPM has the following conclusions:

- The SSDS was installed and placed into service in July 2022. Current vacuum monitoring continues to demonstrate that a sufficient ROI has been established at the site to address sub-slab soil vapor and improve indoor air concentrations for site related VOCs;
- The May 2024 SVI monitoring indicates that site related VOCs remain present in sub-slab soil vapor and have improved since the SSDS was placed into service. Indoor air concentrations of PCE, the primary site contaminant of concern, were noted at generally low concentration and well below its respective AGV.
- TCE was noted at one sub-slab soil vapor location and the outdoor ambient air samples at low concentrations. TCE was not detected in any other of the indoor air samples.
- MC was noted at generally low concentrations in the indoor air and well below its respective AGV. MC was also noted at one sub-slab soil vapor sample location at a low concentration.
- Toluene was noted at low concentrations in the indoor air samples and at one sub-slab soil vapor location. The indoor air concentrations were also noted to be at a similar concentration as the outdoor ambient air sample.

Based on these data, the SSDS overall continues to provide sufficient depressurization of the affected portions of the building. FPM will continue to assess the SSDS and SVI monitoring information to determine if modifications are necessary.

Monitoring of the SSDS will continue on a quarterly basis in accordance with the SSDS work plan. The next SVI monitoring is tentatively scheduled for September 2024.

Should you have any questions, please do not hesitate to contact me at (631) 737-6200, ext. 509

Sincerely,



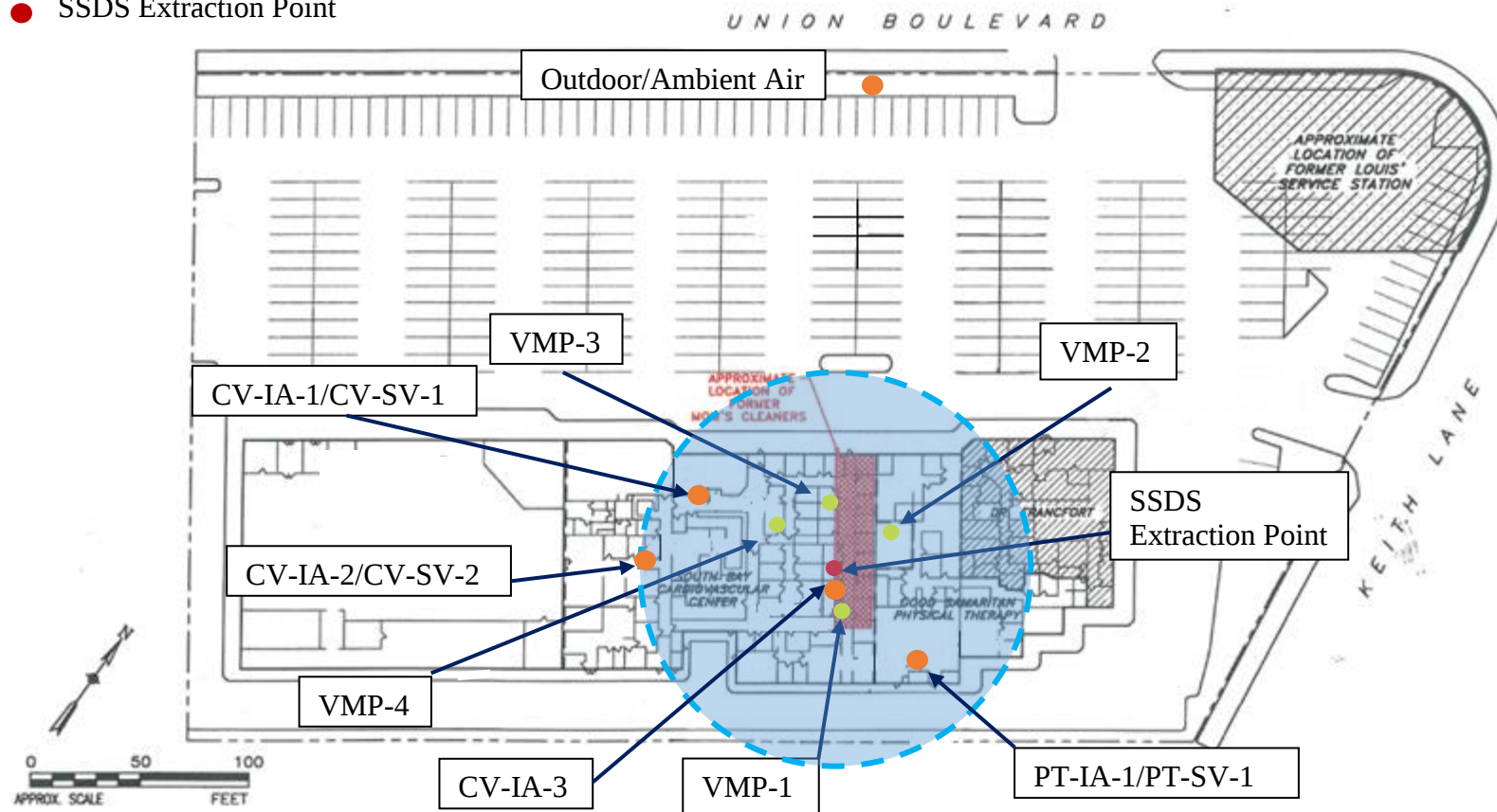
Ben T. Cancemi, PG
Department Manager
Vice President

Attachments

BTC:btc

Cc: James Rigano, Esq

- Air/Sub-Slab Soil Vapor Sample Location
- Vacuum Monitoring Point
- SSDS Extraction Point



Approximate radius of influence (ROI)

Base Map : APEX (2011)

FPM GROUP

FIGURE 1
SITE INFORMATION PLAN
 CAPTREE VILLAGE SHOPPING CENTER
 WEST ISLIP, NEW YORK

Drawn by: BC | Checked By: BC | Date: 12/29/22

TABLE 1
SSDS MONITORING LOCATIONS
MOM'S CLEANERS- NYSDEC SITE NO. 152184
UNION BOULEVARD, WEST ISLIP, NY

Monitoring Point Location	Distance from SSDS (feet)	Vacuum 5/17/24 (inches of H2O)
SSDS Fan	0	3.08
CV-SV-1	81	0.019
CV-SV-2	104	0.017
CV-SV-3	2	0.322
VMP-1	20	0.019
VMP-2	35	0.014
VMP-3	40	0.013
VMP-4	40	0.022
PT-SV-1	60	0.0423

TABLE 2
SSDS EFFLUENT RESULTS
MOM's CLEANERS- NYSDEC SITE NO. 152184
UNION BOULEVARD, WEST ISLIP, NEW YORK

Sample No.	EFFLUENT				
Sample Type	EFFLUENT				
Sample Date	6/23/2023	9/29/2023	12/15/2023	3/22/2024	5/23/2024
Volatile Organic Compounds in ug/m³					
1,1,1,2-Tetrachloroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,1,1-Trichloroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,1,2-Trichloroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,1-Dichloroethane	< 5.02	< 5.02	< 5.02	< 1.00	< 1.00
1,1-Dichloroethene	< 1.00	< 1.00	< 1.00	< 0.20	< 0.20
1,2,4-Trichlorobenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,2,4-Trimethylbenzene	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
1,2-Dibromoethane(EDB)	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,2-Dichlorobenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,2-Dichloroethane	< 5.02	< 5.02	< 5.02	< 1.00	< 1.00
1,2-dichloropropane	< 4.99	< 4.99	< 4.99	< 1.00	< 1.00
1,2-Dichlorotetrafluoroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,3,5-Trimethylbenzene	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
1,3-Butadiene	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,3-Dichlorobenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,4-Dichlorobenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
1,4-Dioxane	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
2-Hexanone(MBK)	< 4.99	< 4.99	< 4.99	< 1.00	< 1.00
4-Ethyltoluene	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
4-Isopropyltoluene	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
4-Methyl-2-pentanone(MIBK)	< 4.99	5.65	< 4.99	< 1.00	< 1.00
Acetone	63.4	76.0	45.8	17.8	22.3
Acrylonitrile	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
Benzene	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
Benzyl chloride	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
Bromodichloromethane	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
Bromoform	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
Bromomethane	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
Carbon Disulfide	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
Carbon Tetrachloride	< 1.00	< 1.00	< 1.00	0.41	0.42
Chlorobenzene	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
Chloroethane	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
Chloroform	< 4.98	< 4.98	< 4.98	< 1.00	< 1.00
Chloromethane	< 4.99	< 4.99	< 4.99	7.04	2.89
Cis-1,2-Dichloroethene	< 1.00	3.23	1.51	0.33	1.75
cis-1,3-Dichloropropene	< 4.99	< 4.99	< 4.99	< 1.00	< 1.00
Cyclohexane	< 4.99	< 4.99	< 4.99	< 1.00	< 1.00
Dibromochloromethane	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
Dichlorodifluoromethane	< 4.99	< 4.99	< 4.99	2.17	2.02
Ethanol	1540	286	103	919	576
Ethyl acetate	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
Ethylbenzene	< 4.99	< 4.99	< 4.99	< 1.00	< 1.00
Heptane	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
Hexachlorobutadiene	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
Hexane	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
Isooctane	NA	NA	NA	NA	<1.00
Isopropylalcohol	786	167	312	1740	1,020
Isopropylbenzene	< 5.01	< 5.01	< 5.01	< 1.00	<1.00
m,p-Xylene	< 4.99	< 4.99	< 4.99	< 1.00	< 1.00
Methyl Ethyl Ketone	< 5.01	7.49	12.1	2.8	3.12
Methyl tert-butyl ether(MTBE)	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
Methylene Chloride	< 15.0	< 15.0	< 15.0	< 3.00	8.19
Naphthalene	NA	NA	NA	NA	< 1.05
n-Butylbenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
o-Xylene	< 4.99	< 4.99	< 4.99	< 1.00	< 1.00
Propylene	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
sec-Butylbenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 1.00
Styrene	< 4.98	< 4.98	< 4.98	< 1.00	< 1.00
Tetrachloroethene	< 1.25	38.0	44.0	8.1	24.3
Tetrahydrofuran	< 5.01	< 5.01	< 5.01	< 1.00	< 1.00
Toluene	< 5.01	< 5.01	< 5.01	1.04	< 1.00
Trans-1,2-Dichloroethene	< 4.99	< 4.99	< 4.99	< 1.00	< 1.00
trans-1,3-Dichloropropene	< 4.99	< 4.99	< 4.99	< 1.00	< 1.00
Trichloroethene	< 0.99	3.52	7.52	0.54	1.99
Trichlorofluoromethane	< 5.00	< 5.00	< 5.00	1.25	1.22
Trichlorotrifluoroethane	< 5.00	< 5.00	< 5.00	1.41	< 1.00
Vinyl Chloride	< 1.00	< 1.00	< 1.00	< 0.20	< 0.20

NYSDOH SVI compounds of concern are shaded.

ug/m3 = micrograms per cubic meter

* Sample not collected due to apparent faulty regulator

Bold Value = Result Exceeds Criteria

TABLE 3
SOIL VAPOR AND INDOOR/OUTDOOR AIR SAMPLING RESULTS
MOM's CLEANERS- NYSDEC SITE NO. 152184
UNION BOULEVARD, WEST ISLIP, NEW YORK

Sample No.	CV-SV-1	CV-IA-1	CV-SV-1	CV-IA-1	CV-SV-1	CV-IA-1	CV-SV-1	CV-IA-1	CV-SV-1	CV-IA-1
Sample Type	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air
Sample Date	6/23/2023		9/29/2023		12/15/2023		3/22/2024		5/23/2024	
SSDS	SSDS IN OPERATION									
Volatile Organic Compounds in ug/m ³										
1,1,1,2-Tetrachloroethane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethane	< 5.02	< 1.00	< 5.02	< 1.00	< 5.02	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethene	< 1.00	< 0.20	< 1.00	< 0.20	< 1.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,2,4-Trichlorobenzene	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,4-Trimethylbenzene	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dibromoethane(EDB)	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	< 5.02	< 1.00	< 5.02	< 1.00	< 5.02	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-dichloropropane	< 4.99	< 1.00	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorotetrafluoroethane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3,5-Trimethylbenzene	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Butadiene	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Dichlorobenzene	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dioxane	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
2-Hexanone(MBK)	< 4.99	< 1.00	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Ethyltoluene	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Isopropyltoluene	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Methyl-2-pentanone(MIBK)	< 4.99	2.26	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Acetone	9.76	78.1	13.50	49.6	6.88	39.4	6.34	28.3	11.20	58.2
Acrylonitrile	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Benzene	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Benzyl chloride	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromoform	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromomethane	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Tetrachloride	< 1.00	0.43	< 1.00	0.43	< 1.00	0.46	0.33	0.43	0.38	0.47
Chlorobenzene	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroethane	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	< 4.98	< 1.00	6.05	< 1.00	< 4.98	< 1.00	2.23	< 1.00	1.4	< 1.00
Chloromethane	< 4.99	1.25	< 4.99	1.45	< 4.99	0.46	< 1.00	1.26	1.84	1.79
Cis-1,2-Dichloroethene	< 1.00	< 0.20	< 1.00	< 0.20	< 1.00	< 0.20	< 0.20	1.45	< 0.20	< 0.20
Cis-1,3-Dichloropropene	< 4.99	< 1.00	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Cyclohexane	< 4.99	< 1.00	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromochloromethane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dichlorodifluoromethane	< 4.99	2.03	< 4.99	2.68	< 4.99	2.24	2.31	2.11	2.05	2.38
Ethanol	39.7	1,660	76.3	3,010	29.4	3,160	17.4	1,690	27.3	2,000
Ethyl acetate	< 5.01	3.93	< 5.01	1.31	< 5.01	1.87	< 1.00	< 1.00	< 1.00	1.24
Ethylbenzene	< 4.99	< 1.00	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Heptane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Hexachlorobutadiene	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Hexane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Isooctane	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
Isopropylalcohol	22.3	676	79.8	838	37.1	< 1.00	35.6	1,050	60.4	2,080
Isopropylbenzene	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	1.64	< 1.00
m,p-Xylene	< 4.99	< 1.00	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methyl Ethyl Ketone	< 5.01	1.35	< 5.01	1.88	< 5.01	1.57	< 1.00	1.4	1.33	2.74
Methyl tert-butyl ether(MTBE)	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene Chloride	< 15.0	< 3.00	< 15.0	< 3.00	< 15.0	< 3.00	< 3.00	< 3.00	< 3.00	8.09
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	< 1.05	< 1.05
n-Butylbenzene	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
o-Xylene	< 4.99	< 1.00	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Propylene	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
sec-Butylbenzene	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	< 4.98	< 1.00	< 4.98	< 1.00	< 4.98	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	166	1.28	241	< 0.25	426	2.35	384	49.9	158	0.33
Tetrahydrofuran	< 5.01	< 1.00	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	< 5.01	2.77	< 5.01	2.03	< 5.01	4.26	< 1.00	1.69	< 1.00	2.62
Trans-1,2-Dichloroethene	< 4.99	< 1.00	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,3-Dichloropropene	< 4.99	< 1.00	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	< 0.99	< 0.20	< 0.99	< 0.20	1.64	< 0.20	< 0.20	1.77	< 0.20	< 0.20
Trichlorofluoromethane	< 5.00	1.20	< 5.00	1.37	< 5.00	1.24	1.22	1.12	1.19	1.16
Trichlorotrifluoroethane	< 5.00	< 1.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Vinyl Chloride	< 1.00	< 0.20	< 1.00	< 0.20	< 1.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20

Notes:
All samples analyzed using Method TO-15
ug/m³ = micrograms per cubic meter
Bold Value = Result Exceeds Criteria

TABLE 3 (CONTINUED)
SOIL VAPOR AND INDOOR/OUTDOOR AIR SAMPLING RESULTS
MOM's CLEANERS- NYSDEC SITE NO. 152184
UNION BOULEVARD, WEST ISLIP, NEW YORK

Sample No.	CV-SV-2	CV-IA-2	CV-SV-2	CV-IA-2	CV-SV-2	CV-IA-2	CV-SV-2	CV-IA-2	CV-SV-2	CV-IA-2
Sample Type	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air
Sample Date	6/23/2023		9/29/2023		12/15/2023		3/22/2024		5/23/2024	
SSDS	SSDS IN OPERATION									
Volatile Organic Compounds in ug/m ³										
1,1,1,2-Tetrachloroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethane	< 5.02	< 5.02	< 5.02	< 1.00	< 5.02	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethene	< 1.00	< 1.00	< 1.00	< 0.20	< 1.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,2,4-Trichlorobenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,4-Trimethylbenzene	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dibromoethane(EDB)	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	< 5.02	< 5.02	< 5.02	< 1.00	< 5.02	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-dichloropropane	< 4.99	< 4.99	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorotetrafluoroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3,5-Trimethylbenzene	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Butadiene	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Dichlorobenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dioxane	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
2-Hexanone(MBK)	< 4.99	< 4.99	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Ethyltoluene	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Isopropyltoluene	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Methyl-2-pentanone(MIBK)	< 4.99	< 4.99	< 4.99	2.06	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Acetone	15.7	41.5	68.1	60.1	16.4	43.2	29.9	18.8	313	54.6
Acrylonitrile	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Benzene	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Benzyl chloride	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromoform	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromomethane	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Tetrachloride	< 1.00	< 1.00	< 1.00	0.50	< 1.00	0.45	0.41	0.33	0.22	0.48
Chlorobenzene	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroethane	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	< 4.98	< 4.98	< 4.98	< 1.00	< 4.98	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloromethane	< 4.99	< 4.99	< 4.99	1.48	< 4.99	1.02	1.12	< 1.00	< 1.00	1.74
Cis-1,2-Dichloroethene	< 1.00	< 1.00	< 1.00	< 0.20	< 1.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Cis-1,3-Dichloropropene	< 4.99	< 4.99	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Cyclohexane	< 4.99	< 4.99	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromochloromethane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dichlorodifluoromethane	17.4	< 5.00	< 4.99	2.67	22.9	2.26	3.95	1.63	13.3	2.42
Ethanol	56.7	1,440	12,100 E	5,520 E	437 E	3940 E	1,260	913	314	2,900
Ethyl acetate	< 5.01	< 5.01	< 5.01	1.29	< 5.01	2.21	1.02	< 1.00	< 1.00	1.4
Ethylbenzene	< 4.99	< 4.99	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Heptane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Hexachlorobutadiene	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Hexane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Isooctane	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
Isopropylalcohol	32.9	2,580	3,140 E	1,140 E	334	1,100 E	914	774	1,090	2,090
Isopropylbenzene	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylene	< 4.99	< 4.99	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methyl Ethyl Ketone	< 5.01	< 5.01	< 5.01	1.79	< 5.01	1.58	1.12	< 1.00	1.82	2.23
Methyl tert-butyl ether(MTBE)	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene Chloride	< 15.0	< 15.0	< 15.0	< 3.00	< 15.0	< 3.00	< 3.00	< 3.00	< 3.00	3.47
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	< 1.05	< 1.05
n-Butylbenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
o-Xylene	< 4.99	< 4.99	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Propylene	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
sec-Butylbenzene	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	< 4.98	< 4.98	< 4.98	< 1.00	< 4.98	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	107	< 1.25	3.49	0.49	106	0.85	< 0.25	< 0.25	9.90	0.33
Tetrahydrofuran	< 5.01	< 5.01	< 5.01	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	< 5.01	< 5.01	< 5.01	2.00	< 5.01	5.46	1.53	1.21	1.27	2.63
Trans-1,2-Dichloroethene	< 4.99	< 4.99	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,3-Dichloropropene	< 4.99	< 4.99	< 4.99	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	< 0.99	< 0.99	< 0.99	< 0.20	< 0.99	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Trichlorofluoromethane	27.1	< 5.00	< 5.00	1.50	51.9	1.35	4.02	< 1.00	21.3	1.30
Trichlorotrifluoroethane	< 5.00	< 5.00	< 5.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Vinyl Chloride	< 1.00	< 1.00	< 1.00	< 0.20	< 1.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20

Notes:
All samples analyzed using Method T
ua/m³ = micrograms per cubic meter
Bold Value = Result Exceeds Criteria

TABLE 3 (CONTINUED)
SOIL VAPOR AND INDOOR/OUTDOOR AIR SAMPLING RESULTS
MOM's CLEANERS- NYSDEC SITE NO. 152184
UNION BOULEVARD, WEST ISLIP, NEW YORK

Sample No.	CV-SV-3*	CV-IA-3	CV-SV-3*	CV-IA-3	CV-SV-3*		CV-SV-3*	CV-IA-3	CV-SV-3*	CV-IA-3
Sample Type	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air
Sample Date	6/23/2023		9/29/2023		12/15/2023		3/22/2024		5/23/2024	
SSDS	SSDS IN OPERATION									
Volatile Organic Compounds in ug/m ³										
1,1,1,2-Tetrachloroethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,1,1-Trichloroethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,1,2,2-Tetrachloroethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,1,2-Trichloroethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,1-Dichloroethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,1-Dichloroethene	-	< 0.20	-	< 0.20	-	< 0.20	-	< 0.20	-	< 0.20
1,2,4-Trichlorobenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,2,4-Trimethylbenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,2-Dibromoethane(EDB)	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,2-Dichlorobenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,2-Dichloroethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,2-dichloropropane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,2-Dichlorotetrafluoroethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,3,5-Trimethylbenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,3-Butadiene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,3-Dichlorobenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
1,4-Dichlorobenzene	-	< 1.00	-	1.16	-	< 1.00	-	< 1.00	-	< 1.00
1,4-Dioxane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
2-Hexanone(MBK)	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
4-Ethyltoluene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
4-Isopropyltoluene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
4-Methyl-2-pentanone(MIBK)	-	2.97	-	1.05	-	< 1.00	-	< 1.00	-	< 1.00
Acetone	-	45.1	-	41.1	-	35.4	-	22.1	-	38.5
Acrylonitrile	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Benzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Benzyl chloride	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Bromodichloromethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Bromoform	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Bromomethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Carbon Disulfide	-	< 1.00	-	1.38	-	< 1.00	-	< 1.00	-	< 1.00
Carbon Tetrachloride	-	0.47	-	0.48	-	0.47	-	0.29	-	0.47
Chlorobenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Chloroethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Chloroform	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Chloromethane	-	1.14	-	1.44	-	1.01	-	< 1.00	-	1.58
Cis-1,2-Dichloroethene	-	< 0.20	-	< 0.20	-	< 0.20	-	< 0.20	-	< 0.20
Cis-1,3-Dichloropropene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Cyclohexane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Dibromochloromethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Dichlorodifluoromethane	-	2.27	-	2.61	-	2.19	-	1.44	-	2.4
Ethanol	-	1,290	-	1,550 E	-	3260 E	-	2,070	-	1,630
Ethyl acetate	-	< 1.00	-	1.00	-	1.00	-	< 1.00	-	< 1.00
Ethylbenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Heptane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Hexachlorobutadiene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Hexane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Isooctane	-	NA	-	NA	-	NA	-	NA	-	< 1.00
Isopropylalcohol	-	425	-	639 E	-	663 E	-	715	-	1,050
Isopropylbenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
m,p-Xylene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Methyl Ethyl Ketone	-	< 1.00	-	1.44	-	1.21	-	< 1.00	-	2.42
Methyl tert-butyl ether(MTBE)	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Methylene Chloride	-	< 3.00	-	< 3.00	-	< 3.00	-	< 3.00	-	9.20
Naphthalene	-	NA	-	NA	-	NA	-	NA	-	< 1.05
n-Butylbenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
o-Xylene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Propylene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
sec-Butylbenzene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Styrene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Tetrachloroethene	-	0.56	-	0.29	-	0.54	-	< 0.25	-	0.66
Tetrahydrofuran	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Toluene	-	< 1.00	-	1.38	-	2.03	-	< 1.00	-	1.54
Trans-1,2-Dichloroethene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
trans-1,3-Dichloropropene	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Trichloroethene	-	< 0.20	-	< 0.20	-	< 0.20	-	< 0.20	-	< 0.20
Trichlorofluoromethane	-	1.13	-	1.43	-	1.23	-	< 1.00	-	1.39
Trichlorotrifluoroethane	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00	-	< 1.00
Vinyl Chloride	-	< 0.20	-	< 0.20	-	< 0.20	-	< 0.20	-	< 0.20

Notes:
All samples analyzed using Method TO
ug/m³ = micrograms per cubic meter
Bold Value = Result Exceeds Criteria

TABLE 3 (CONTINUED)
SOIL VAPOR AND INDOOR/OUTDOOR AIR SAMPLING RESULTS
MOM's CLEANERS- NYSDEC SITE NO. 152184
UNION BOULEVARD, WEST ISLIP, NEW YORK

Sample No.	PT-SV-1	PT-IA-1	PT-SV-1	PT-IA-1	PT-SV-1	PT-IA-1	PT-SV-1	PT-IA-1	PT-SV-1	PT-IA-1
Sample Type	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air	Sub-slab	Indoor Air
Sample Date	6/23/2023		9/29/2023		12/15/2023		3/22/2024		5/23/2024	
SSDS	SSDS IN OPERATION									
Volatile Organic Compounds in ug/m ³										
1,1,1,2-Tetrachloroethane	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethane	< 5.02	< 1.00	< 17.8	< 1.00	< 5.02	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethene	< 1.00	< 0.20	< 3.57	< 0.20	< 1.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,2,4-Trichlorobenzene	< 5.00	< 1.00	< 17.9	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,4-Trimethylbenzene	< 5.01	< 1.00	< 17.8	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	1.13
1,2-Dibromoethane(EDB)	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	< 5.02	< 1.00	< 17.8	< 1.00	< 5.02	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-dichloropropane	< 4.99	< 1.00	< 17.9	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorotetrafluoroethane	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3,5-Trimethylbenzene	< 5.01	< 1.00	< 17.8	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Butadiene	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Dichlorobenzene	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dioxane	< 5.01	< 1.00	< 17.9	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
2-Hexanone(MBK)	< 4.99	< 1.00	< 17.8	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Ethyltoluene	< 5.01	< 1.00	< 17.8	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Isopropyltoluene	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Methyl-2-pentanone(MIBK)	< 4.99	< 1.00	< 17.8	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Acetone	21.1	36.1	145	34.7	9.8	28	4.3	17	14.3	29.4
Acrylonitrile	< 5.01	< 1.00	< 17.9	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Benzene	< 5.01	< 1.00	< 17.8	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Benzyl chloride	< 5.00	< 1.00	< 17.9	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	< 5.00	< 1.00	< 17.9	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromoform	< 5.00	< 1.00	< 17.9	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromomethane	< 5.01	< 1.00	< 17.9	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	< 5.01	< 1.00	< 17.9	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Tetrachloride	< 1.00	0.46	< 3.57	0.49	< 1.00	0.48	0.31	0.41	0.43	0.45
Chlorobenzene	< 5.01	< 1.00	< 17.9	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroethane	< 5.01	< 1.00	< 17.9	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	< 4.98	< 1.00	< 17.9	< 1.00	< 4.98	< 1.00	< 1.00	< 1.00	< 1.00	1.82
Chloromethane	< 4.99	1.28	< 17.9	1.32	< 4.99	1.05	< 1.00	1.02	< 1.00	1.15
Cis-1,2-Dichloroethene	< 1.00	< 0.20	11.6	< 0.20	< 1.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Cis-1,3-Dichloropropene	< 4.99	< 1.00	< 17.9	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Cyclohexane	< 4.99	< 1.00	< 17.9	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromochloromethane	< 5.00	< 1.00	< 17.9	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dichlorodifluoromethane	< 4.99	2.3	< 17.8	2.75	< 4.99	2.27	1.94	2.13	1.97	2.10
Ethanol	41.4	512	239	970 E	17.3	647 E	14.3	335	26.4	422
Ethyl acetate	< 5.01	< 1.00	< 17.9	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	< 4.99	< 1.00	< 17.8	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Heptane	< 5.00	< 1.00	< 17.9	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	2.02
Hexachlorobutadiene	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Hexane	< 5.00	< 1.00	< 17.9	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Isooctane	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
Isopropylalcohol	36.8	752	410	870 E	22.5	850 E	50.6	1,100	18.8	1,280
Isopropylbenzene	< 5.01	< 1.00	< 17.8	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylene	< 4.99	< 1.00	< 17.8	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	2.03
Methyl Ethyl Ketone	< 5.01	1.17	< 17.9	1.83	< 5.01	1.29	< 1.00	1.27	2.01	2.34
Methyl tert-butyl ether(MTBE)	< 5.01	< 1.00	< 17.8	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene Chloride	< 15.0	< 3.00	< 53.5	< 3.00	< 15.0	< 3.00	< 3.00	< 3.00	13.7	13.7
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	< 1.05	< 1.05
n-Butylbenzene	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
o-Xylene	< 4.99	< 1.00	< 17.8	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Propylene	< 5.01	< 1.00	< 17.9	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
sec-Butylbenzene	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	< 4.98	< 1.00	< 17.8	< 1.00	< 4.98	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	2.54	< 0.25	691	2.71	185	0.47	123	< 0.25	5.22	0.38
Tetrahydrofuran	< 5.01	< 1.00	< 17.9	< 1.00	< 5.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	< 5.01	< 1.00	< 17.9	1.45	< 5.01	1.79	< 1.00	< 1.00	< 1.00	2.60
Trans-1,2-Dichloroethene	< 4.99	< 1.00	< 17.8	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,3-Dichloropropene	< 4.99	< 1.00	< 17.9	< 1.00	< 4.99	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	< 0.99	< 0.20	24.3	< 0.20	1.24	< 0.20	0.89	< 0.20	4.02	< 0.20
Trichlorofluoromethane	< 5.00	1.25	< 17.9	1.33	< 5.00	1.38	1.11	1.11	1.12	1.43
Trichlorotrifluoroethane	< 5.00	< 1.00	< 17.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Vinyl Chloride	< 1.00	< 0.20	< 3.55	< 0.20	< 1.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20

Notes:
All samples analyzed using Method TO-15
ug/m³ = micrograms per cubic meter
Bold Value = Result Exceeds Criteria

TABLE 3 (CONTINUED)
SOIL VAPOR AND INDOOR/OUTDOOR AIR SAMPLING RESULTS
MOM's CLEANERS- NYSDEC SITE NO. 152184
UNION BOULEVARD, WEST ISLIP, NEW YORK

Sample No.	AMBIENT				
Sample Type	OUTDOOR AMBIENT				
Sample Date	6/23/2023	9/29/2023	12/15/2023	3/22/2024	5/23/2024
Volatile Organic Compounds in ug/m³					
1,1,1,2-Tetrachloroethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethene	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,2,4-Trichlorobenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,4-Trimethylbenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dibromoethane(EDB)	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-dichloropropane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorotetrafluoroethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3,5-Trimethylbenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Butadiene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Dichlorobenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dioxane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
2-Hexanone(MBK)	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Ethyltoluene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Isopropyltoluene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Methyl-2-pentanone(MIBK)	1.38	< 1.00	< 1.00	< 1.00	< 1.00
Acetone	6.74	6.39	7.88	4.08	9.19
Acrylonitrile	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Benzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Benzyl chloride	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromoform	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromomethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Tetrachloride	0.41	0.47	0.41	0.44	0.44
Chlorobenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloromethane	1.04	1.22	< 1.00	1.02	1.01
Cis-1,2-Dichloroethene	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Cis-1,3-Dichloropropene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Cyclohexane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromochloromethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dichlorodifluoromethane	1.99	2.92	2.13	2.11	2.16
Ethanol	21.1	21.8	17.4	11.2	15.9
Ethyl acetate	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Heptane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Hexachlorobutadiene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Hexane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Isooctane	NA	NA	NA	NA	< 1.00
Isopropylalcohol	13.6	26.0	2.7	31.4	4.5
Isopropylbenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylene	< 1.00	< 1.00	< 1.00	< 1.00	1.07
Methyl Ethyl Ketone	< 1.00	< 1.00	< 1.00	< 1.00	1.11
Methyl tert-butyl ether(MTBE)	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene Chloride	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Naphthalene	NA	NA	NA	NA	< 1.05
n-Butylbenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
o-Xylene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Propylene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
sec-Butylbenzene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	< 0.25	0.43	0.43	0.85	0.36
Tetrahydrofuran	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	< 1.00	< 1.00	1.53	< 1.00	1.61
Trans-1,2-Dichloroethene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,3-Dichloropropene	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	< 0.20	< 0.20	< 0.20	< 0.20	0.33
Trichlorofluoromethane	1.18	1.61	1.15	1.06	1.22
Trichlorotrifluoroethane	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Vinyl Chloride	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20

Notes:

All samples analyzed using Method TO.

* Sample not collected due to apparent faulty regulator

Bold Value = Result Exceeds Criteria

**ATTACHMENT A
LABORATORY REPORT**



Monday, July 01, 2024

Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Project ID: CAPTREE
SDG ID: GCQ81022
Sample ID#s: CQ81022 - CQ81025

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client:
Project: CAPTREE
Laboratory Project: GCQ81022



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

July 01, 2024

SDG I.D.: GCQ81022

CAPTREE

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

July 01, 2024

SDG I.D.: GCQ81022

CAPTREE

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CQ81022	Volatiles (TO15)	05/23/24	05/28/24	05/28/24	KCA	Y
CQ81023	Volatiles (TO15)	05/23/24	05/28/24	05/28/24	KCA	Y
CQ81024	Volatiles (TO15)	05/23/24	05/28/24	05/28/24	KCA	Y
CQ81025	Volatiles (TO15)	05/23/24	05/29/24	05/29/24	KCA	Y



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SDG Comments

July 01, 2024

SDG I.D.: GCQ81022

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

July 01, 2024

SDG I.D.: GCQ81022

Project ID: CAPTREE

Client Id	Lab Id	Matrix
CV-IA-3	CQ81022	AIR
CV-IA-1	CQ81023	AIR
CV-IA-2	CQ81024	AIR
EFFLUENT	CQ81025	AIR



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Sample Information

Matrix: AIR
Location Code: FPMGROUP
Rush Request: Standard
P.O.#:
Canister Id: 833

Custody Information

Collected by: JS,VM
Received by: CP
Analyzed by: see "By" below

Date

05/23/24 14:36
05/24/24 16:30

Time

Project ID: CAPTREE
Client ID: CV-IA-3

Laboratory Data

SDG ID: GCQ81022
Phoenix ID: CQ81022

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	05/28/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	05/28/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	05/28/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
Acetone	16.2	0.421	0.421	38.5	1.00	1.00	05/28/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	05/28/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	05/28/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	05/28/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	05/28/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	05/28/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	05/28/24	KCA	1
Carbon Tetrachloride	0.075	0.032	0.032	0.47	0.20	0.20	05/28/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	05/28/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	05/28/24	KCA	1
Chloromethane	0.765	0.485	0.485	1.58	1.00	1.00	05/28/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	05/28/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	05/28/24	KCA	1
Dichlorodifluoromethane	0.486	0.202	0.202	2.40	1.00	1.00	05/28/24	KCA	1
Ethanol	864	E 0.531	0.531	1630	1.00	1.00	05/28/24	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	05/28/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	05/28/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	05/28/24	KCA	1
Isopropylalcohol	429	E 0.407	0.407	1050	1.00	1.00	05/28/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Methyl Ethyl Ketone	0.820	0.339	0.339	2.42	1.00	1.00	05/28/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
Methylene Chloride	2.65	0.863	0.863	9.20	3.00	3.00	05/28/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	05/28/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	05/28/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	05/28/24	KCA	1
Tetrachloroethene	0.097	0.037	0.037	0.66	0.25	0.25	05/28/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	05/28/24	KCA	1 1
Toluene	0.409	0.266	0.266	1.54	1.00	1.00	05/28/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	05/28/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	05/28/24	KCA	1
Trichlorofluoromethane	0.248	0.178	0.178	1.39	1.00	1.00	05/28/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	05/28/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	05/28/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	104	%	%	104	%	%	05/28/24	KCA	1
% IS-1,4-Difluorobenzene	91	%	%	91	%	%	05/28/24	KCA	1
% IS-Bromochloromethane	89	%	%	89	%	%	05/28/24	KCA	1
% IS-Chlorobenzene-d5	94	%	%	94	%	%	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 01, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Sample Information

Matrix: AIR
Location Code: FPMGROUP
Rush Request: Standard
P.O.#:
Canister Id: 737

Custody Information

Collected by: JS,VM
Received by: CP
Analyzed by: see "By" below

Date

05/23/24 14:23
05/24/24 16:30

Time

Project ID: CAPTREE
Client ID: CV-IA-1

Laboratory Data

SDG ID: GCQ81022
Phoenix ID: CQ81023

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	05/28/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	05/28/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	05/28/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
Acetone	24.5	0.421	0.421	58.2	1.00	1.00	05/28/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	05/28/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	05/28/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	05/28/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	05/28/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	05/28/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	05/28/24	KCA	1
Carbon Tetrachloride	0.075	0.032	0.032	0.47	0.20	0.20	05/28/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	05/28/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	05/28/24	KCA	1
Chloromethane	0.867	0.485	0.485	1.79	1.00	1.00	05/28/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	05/28/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	05/28/24	KCA	1
Dichlorodifluoromethane	0.482	0.202	0.202	2.38	1.00	1.00	05/28/24	KCA	1
Ethanol	1060	E 0.531	0.531	2000	1.00	1.00	05/28/24	KCA	1
Ethyl acetate	0.345	0.278	0.278	1.24	1.00	1.00	05/28/24	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	05/28/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	05/28/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	05/28/24	KCA	1
Isopropylalcohol	845	E 0.407	0.407	2080	1.00	1.00	05/28/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Methyl Ethyl Ketone	0.931	0.339	0.339	2.74	1.00	1.00	05/28/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
Methylene Chloride	2.33	0.863	0.863	8.09	3.00	3.00	05/28/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	05/28/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	05/28/24	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	05/28/24	KCA	1
Tetrachloroethene	0.048	0.037	0.037	0.33	0.25	0.25	05/28/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	05/28/24	KCA	1
Toluene	0.696	0.266	0.266	2.62	1.00	1.00	05/28/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	05/28/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	05/28/24	KCA	1
Trichlorofluoromethane	0.206	0.178	0.178	1.16	1.00	1.00	05/28/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	05/28/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	05/28/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	105	%	%	105	%	%	05/28/24	KCA	1
% IS-1,4-Difluorobenzene	88	%	%	88	%	%	05/28/24	KCA	1
% IS-Bromochloromethane	86	%	%	86	%	%	05/28/24	KCA	1
% IS-Chlorobenzene-d5	90	%	%	90	%	%	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 01, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Sample Information

Matrix: AIR
Location Code: FPMGROUP
Rush Request: Standard
P.O.#:
Canister Id: 845

Custody Information

Collected by: JS,VM
Received by: CP
Analyzed by: see "By" below

Date

05/23/24 14:25
05/24/24 16:30

Time

Project ID: CAPTREE
Client ID: CV-IA-2

Laboratory Data

SDG ID: GCQ81022
Phoenix ID: CQ81024

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	05/28/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	05/28/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	05/28/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
Acetone	23.0	0.421	0.421	54.6	1.00	1.00	05/28/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	05/28/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	05/28/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	05/28/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	05/28/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	05/28/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	05/28/24	KCA	1
Carbon Tetrachloride	0.077	0.032	0.032	0.48	0.20	0.20	05/28/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	05/28/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	05/28/24	KCA	1
Chloromethane	0.841	0.485	0.485	1.74	1.00	1.00	05/28/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	05/28/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	05/28/24	KCA	1
Dichlorodifluoromethane	0.489	0.202	0.202	2.42	1.00	1.00	05/28/24	KCA	1
Ethanol	1540	E 0.531	0.531	2900	1.00	1.00	05/28/24	KCA	1 1
Ethyl acetate	0.390	0.278	0.278	1.40	1.00	1.00	05/28/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	05/28/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	05/28/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	05/28/24	KCA	1
Isopropylalcohol	852	E 0.407	0.407	2090	1.00	1.00	05/28/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Methyl Ethyl Ketone	0.757	0.339	0.339	2.23	1.00	1.00	05/28/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
Methylene Chloride	1.00	0.863	0.863	3.47	3.00	3.00	05/28/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	05/28/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	05/28/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	05/28/24	KCA	1
Tetrachloroethene	0.048	0.037	0.037	0.33	0.25	0.25	05/28/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	05/28/24	KCA	1 1
Toluene	0.697	0.266	0.266	2.63	1.00	1.00	05/28/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	05/28/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	05/28/24	KCA	1
Trichlorofluoromethane	0.231	0.178	0.178	1.30	1.00	1.00	05/28/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	05/28/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	05/28/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	105	%	%	105	%	%	05/28/24	KCA	1
% IS-1,4-Difluorobenzene	86	%	%	86	%	%	05/28/24	KCA	1
% IS-Bromochloromethane	85	%	%	85	%	%	05/28/24	KCA	1
% IS-Chlorobenzene-d5	88	%	%	88	%	%	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 01, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Sample Information

Matrix: AIR
Location Code: FPMGROUP
Rush Request: Standard
P.O.#:
Canister Id: 787

Custody Information

Collected by: JS,VM
Received by: CP
Analyzed by: see "By" below

Date

05/23/24 14:40
05/24/24 16:30

Time

Project ID: CAPTREE
Client ID: EFFLUENT

Laboratory Data

SDG ID: GCQ81022
Phoenix ID: CQ81025

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/29/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/29/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/29/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/29/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/29/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/29/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	05/29/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/29/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	05/29/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	05/29/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
Acetone	9.38	0.421	0.421	22.3	1.00	1.00	05/29/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	05/29/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	05/29/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	05/29/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	05/29/24	KCA	1	
Bromoform	ND	0.097	0.097	ND	1.00	1.00	05/29/24	KCA	1	
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	05/29/24	KCA	1	
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	05/29/24	KCA	1	
Carbon Tetrachloride	0.067	0.032	0.032	0.42	0.20	0.20	05/29/24	KCA	1	
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	05/29/24	KCA	1	
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	05/29/24	KCA	1	
Chloroform	ND	0.205	0.205	ND	1.00	1.00	05/29/24	KCA	1	
Chloromethane	1.40	0.485	0.485	2.89	1.00	1.00	05/29/24	KCA	1	
Cis-1,2-Dichloroethene	0.441	0.051	0.051	1.75	0.20	0.20	05/29/24	KCA	1	
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/29/24	KCA	1	
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	05/29/24	KCA	1	
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	05/29/24	KCA	1	
Dichlorodifluoromethane	0.409	0.202	0.202	2.02	1.00	1.00	05/29/24	KCA	1	
Ethanol	306	E 0.531	0.531	576	1.00	1.00	05/29/24	KCA	1	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1	
Heptane	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1	
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	05/29/24	KCA	1	
Hexane	ND	0.284	0.284	ND	1.00	1.00	05/29/24	KCA	1	
Isooctane	ND	0.215	0.215	ND	1.00	1.00	05/29/24	KCA	1	
Isopropylalcohol	416	E 0.407	0.407	1020	1.00	1.00	05/29/24	KCA	1	
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1	
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1	
Methyl Ethyl Ketone	1.06	0.339	0.339	3.12	1.00	1.00	05/29/24	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1	
Methylene Chloride	2.36	0.863	0.863	8.19	3.00	3.00	05/29/24	KCA	1	
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	05/29/24	KCA	1	
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1	
Propylene	ND	0.581	0.581	ND	1.00	1.00	05/29/24	KCA	1	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	05/29/24	KCA	1	
Tetrachloroethene	3.59	0.037	0.037	24.3	0.25	0.25	05/29/24	KCA	1	
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	05/29/24	KCA	1	1
Toluene	ND	0.266	0.266	ND	1.00	1.00	05/29/24	KCA	1	
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	05/29/24	KCA	1	
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/29/24	KCA	1	
Trichloroethene	0.370	0.037	0.037	1.99	0.20	0.20	05/29/24	KCA	1	
Trichlorofluoromethane	0.217	0.178	0.178	1.22	1.00	1.00	05/29/24	KCA	1	
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	05/29/24	KCA	1	
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	05/29/24	KCA	1	
<u>QA/QC Surrogates/Internals</u>										
% Bromofluorobenzene	105	%	%	105	%	%	05/29/24	KCA	1	
% IS-1,4-Difluorobenzene	93	%	%	93	%	%	05/29/24	KCA	1	
% IS-Bromochloromethane	92	%	%	92	%	%	05/29/24	KCA	1	
% IS-Chlorobenzene-d5	95	%	%	95	%	%	05/29/24	KCA	1	

Project ID: CAPTREE
Client ID: EFFLUENT

Phoenix I.D.: CQ81025

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 01, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Location Code: FPMGROUP

SDG I.D.: GCQ81022

Project ID: CAPTREE

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
CV-IA-3	CQ81022	833	1.4L	7027	05/20/24	-30	-4	2.51	2.6	3.5	-30	-4	05/23/24 07:53	05/23/24 14:36
CV-IA-1	CQ81023	737	1.4L	5648	05/20/24	-30	-5	2.55	2.67	4.6	-27	-5	05/23/24 08:15	05/23/24 14:23
CV-IA-2	CQ81024	845	1.4L	7013	05/20/24	-30	-4	2.52	2.55	1.2	-30	-5	05/23/24 07:57	05/23/24 14:25
EFFLUENT	CQ81025	787	1.4L	5593	05/20/24	-30	-9	2.41	2.5	3.7	-30	-9	05/23/24 07:50	05/23/24 14:40



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

July 01, 2024

QA/QC Data

SDG I.D.: GCQ81022

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 733248 (ppbv), QC Sample No: CQ80983 (CQ81022, CQ81023, CQ81024)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	100	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	118	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	105	2.47	2.41	0.503	0.490	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	101	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	101	2.60	2.60	0.432	0.432	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	91	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	103	1.52	1.51	0.327	0.325	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	104	2.05	2.05	0.418	0.418	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	92	27.1	26.6	11.4	11.2	1.8	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	98	1.37	1.39	0.430	0.435	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	117	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	100	0.42	0.42	0.067	0.067	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	100	3.84	3.67	0.787	0.752	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	102	1.48	1.44	0.718	0.700	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	99	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	94	2.98	2.97	0.867	0.864	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	102	1.94	1.96	0.393	0.396	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCQ81022

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.530	ND	1.00	58	211 E	205	112 E	109	2.7	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	99	11.2	11.1	3.10	3.07	1.0	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	101	1.34	1.31	0.308	0.302	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	103	1.25	1.31	0.304	0.320	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	104	1.93	1.87	0.549	0.530	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	78	10.5	10.2	4.29	4.15	3.3	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	105	5.55	5.60	1.28	1.29	0.8	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	100	2.43	2.36	0.826	0.802	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	101	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	126	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	102	1.90	1.84	0.437	0.423	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	96	0.52	0.44	0.076	0.065	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	100	5.91	5.91	1.57	1.57	0.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	100	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	100	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	97	1.06	1.07	0.189	0.190	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	104	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	101	104	104	104	104	NC	70 - 130	25
% IS-1,4-Difluorobenzene	100	%	100	%	96	98	97	98	97	NC	60 - 140	25
% IS-Bromochloromethane	100	%	100	%	94	96	97	96	97	NC	60 - 140	25
% IS-Chlorobenzene-d5	100	%	100	%	102	100	99	100	99	NC	60 - 140	25

QA/QC Batch 733431 (ppbv), QC Sample No: CQ81361 (CQ81025)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	96	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	100	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	118	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	105	2.31	2.58	0.470	0.526	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	104	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	102	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	101	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	93	160	181	44.4	50.2	12.3	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	104	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCQ81022

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
2-Hexanone(MBK)	ND	0.250	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	102	1.52	1.65	0.309	0.336	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	95	11.4	12.6	4.79	5.30	10.1	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	100	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	101	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	114	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	101	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	100	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	97	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	102	0.40	0.44	0.063	0.070	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	102	3.80	4.10	0.779	0.841	7.7	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	105	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	102	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	104	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	96	1.41	1.50	0.409	0.435	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	101	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	105	9.7	8.15	1.96	1.65	17.2	70 - 130	25
Ethanol	ND	0.375	ND	0.71	64	19.2	21.1	10.2	11.2	9.3	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	102	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	100	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	116	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	107	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	81	4.57	5.09	1.86	2.07	NC	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	96	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	104	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	102	2.72	3.01	0.922	1.02	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	104	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	102	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	124	ND	0.44	ND	0.084	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	104	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	100	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	100	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	97	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	102	0.74	0.79	0.174	0.186	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	97	11.6	12.9	1.71	1.91	11.0	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	103	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	102	2.11	2.32	0.561	0.617	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	102	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	103	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	100	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	100	13.7	14.9	2.44	2.66	8.6	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	101	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	104	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	98	%	98	%	100	107	108	107	108	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	95	100	89	100	89	NC	60 - 140	25
% IS-Bromochloromethane	99	%	99	%	91	98	88	98	88	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	101	97	87	97	87	NC	60 - 140	25

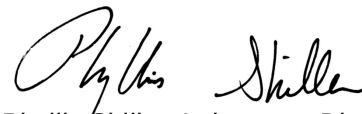
QA/QC Data

SDG I.D.: GCQ81022

Parameter	Blk		Blk		LCS	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec		% RPD Limits
	Blk ppbv	RL ppbv	Blk ug/m3	RL ug/m3							Limits	Limits	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


Phyllis Shiller, Laboratory Director
July 01, 2024

Monday, July 01, 2024

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCQ81022 - FPMGROUP

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CQ81022	\$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	2.65	0.863	0.864	0.864	ppbv
CQ81022	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CQ81023	\$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	2.33	0.863	0.864	0.864	ppbv
CQ81023	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CQ81024	\$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	1.00	0.863	0.864	0.864	ppbv
CQ81024	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.077	0.032	0.032	0.032	ppbv
CQ81025	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.370	0.037	0.037	0.037	ppbv
CQ81025	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	3.59	0.037	0.443	0.443	ppbv
CQ81025	\$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	2.36	0.863	0.864	0.864	ppbv
CQ81025	\$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Indoor Air	0.441	0.051	0.051	0.051	ppbv
CQ81025	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



CHAIN OF CUSTODY RECORD

AIR ANALYSES

P.O. #

Data Delivery:

Fax #:

Email:

Phone #:

860-645-1102

email: greg@phoenixlabs.com

FPMGROUP

Report to: Jacob Stumm

Customer: FPM Group

Address: 640 Johnson Avenue, Suite 101

15919 Bohemia, NY 11716

Project Name: Captree

Invoice to: FPM Group

Sampled by: JS/um

Data Format:

(Circle)

Equis

Excel

Other:

Requested Deliverable:

RCP

ASP CAT B

MCP

NJ Department of

Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (F Hg)	Incoming Canister Pressure (F Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (F Hg)	Canister Pressure at End (F Hg)	Ambient/Indoor Air	Soil Gas	Grab (C) Composite (C)	TO-15	ANALYSES
THIS SECTION FOR LAB USE ONLY																	
81022	CV-IA-3	833	1.4L	-30	-4	7027	2.51	7:53	14:36	5/23/24	-30	-4	X			X	
81023	CV-IA-1	737	1.4L	-30	-5	5648	2.55	8:15	14:23	5/23/24	-27	-5	X			X	
81024	CV-IA-2	845	1.4L	-30	-4	7013	2.52	7:57	14:25	5/23/24	-30	-5	X			X	
81025	Effluent	787	1.4L	-30	-9	5593	2.41	7:50	14:46	5/23/24	-30	-9	X			X	
	* Not Used *	852	1.4L	-30		10739	2.46										

Relinquished by: [Signature] Date: 5/24/24 Time: 1:00 PM

Accepted by: [Signature] Date: 5/24/24 Time: 10:30 AM

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

Signature:

Date:

State Where Samples Collected:	Requested Criteria: Phase Circle	MA:	NY:	PA:	VT:
Typical Found Time: 1 Day* ☐ 2 Day* ☐ 3 Day* ☐ 4 Day* ☐ 5 Day* ☐ Standard ☒	CT:	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	Indoor Air: Residential Vapor Intrusion Non-residential	Indoor Air: Residential Industrial Sub-slab Residential

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:

(5) - 1.4L, 8 hr., 15ft. Tubing, 5 Connectors

CAN ID 852 Returned unused [Signature]



Monday, July 01, 2024

Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Project ID: CAPTREE
SDG ID: GCQ81026
Sample ID#s: CQ81026 - CQ81030

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client:

Project: CAPTREE

Laboratory Project: GCQ81026



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

July 01, 2024

SDG I.D.: GCQ81026

CAPTREE

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

July 01, 2024

SDG I.D.: GCQ81026

CAPTREE

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CQ81026	Volatiles (TO15)	05/23/24	05/28/24	05/28/24	KCA	Y
CQ81027	Volatiles (TO15)	05/23/24	05/29/24	05/29/24	KCA	Y
CQ81028	Volatiles (TO15)	05/23/24	05/28/24	05/28/24	KCA	Y
CQ81029	Volatiles (TO15)	05/23/24	05/28/24	05/28/24	KCA	Y
CQ81030	Volatiles (TO15)	05/23/24	05/29/24	05/29/24	KCA	Y



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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

July 01, 2024

SDG I.D.: GCQ81026

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

July 01, 2024

SDG I.D.: GCQ81026

Project ID: CAPTREE

Client Id	Lab Id	Matrix
AMBIENT	CQ81026	AIR
PT-SV-1	CQ81027	AIR
PT-IA-1	CQ81028	AIR
CV-SV-2	CQ81029	AIR
CV-SV-1	CQ81030	AIR



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Sample Information

Matrix: AIR
Location Code: FPMGROUP
Rush Request: Standard
P.O.#:
Canister Id: 757

Custody Information

Collected by: JS,VM
Received by: CP
Analyzed by: see "By" below

Date

05/23/24 14:35
05/24/24 16:30

Time

Project ID: CAPTREE
Client ID: AMBIENT

Laboratory Data

SDG ID: GCQ81026
Phoenix ID: CQ81026

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	05/28/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	05/28/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	05/28/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
Acetone	3.87	0.421	0.421	9.19	1.00	1.00	05/28/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	05/28/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	05/28/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	05/28/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	05/28/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	05/28/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	05/28/24	KCA	1
Carbon Tetrachloride	0.070	0.032	0.032	0.44	0.20	0.20	05/28/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	05/28/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	05/28/24	KCA	1
Chloromethane	0.487	0.485	0.485	1.01	1.00	1.00	05/28/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	05/28/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	05/28/24	KCA	1
Dichlorodifluoromethane	0.438	0.202	0.202	2.16	1.00	1.00	05/28/24	KCA	1
Ethanol	8.47	0.531	0.531	15.9	1.00	1.00	05/28/24	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	05/28/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	05/28/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	05/28/24	KCA	1
Isopropylalcohol	1.82	0.407	0.407	4.47	1.00	1.00	05/28/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
m,p-Xylene	0.246	0.230	0.230	1.07	1.00	1.00	05/28/24	KCA	1
Methyl Ethyl Ketone	0.376	0.339	0.339	1.11	1.00	1.00	05/28/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	05/28/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	05/28/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	05/28/24	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	05/28/24	KCA	1
Tetrachloroethene	0.053	0.037	0.037	0.36	0.25	0.25	05/28/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	05/28/24	KCA	1
Toluene	0.427	0.266	0.266	1.61	1.00	1.00	05/28/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	05/28/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Trichloroethene	0.061	0.037	0.037	0.33	0.20	0.20	05/28/24	KCA	1
Trichlorofluoromethane	0.218	0.178	0.178	1.22	1.00	1.00	05/28/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	05/28/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	05/28/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	116	%	%	116	%	%	05/28/24	KCA	1
% IS-1,4-Difluorobenzene	104	%	%	104	%	%	05/28/24	KCA	1
% IS-Bromochloromethane	104	%	%	104	%	%	05/28/24	KCA	1
% IS-Chlorobenzene-d5	104	%	%	104	%	%	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 01, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Sample Information

Matrix: AIR
Location Code: FPMGROUP
Rush Request: Standard
P.O.#:
Canister Id: 729

Custody Information

Collected by: JS,VM
Received by: CP
Analyzed by: see "By" below

Date

05/23/24 14:48
05/24/24 16:30

Time

Project ID: CAPTREE
Client ID: PT-SV-1

Laboratory Data

SDG ID: GCQ81026
Phoenix ID: CQ81027

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/29/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/29/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/29/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/29/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/29/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/29/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	05/29/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/29/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	05/29/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	05/29/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
Acetone	6.02	0.421	0.421	14.3	1.00	1.00	05/29/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	05/29/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	05/29/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	05/29/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	05/29/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	05/29/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	05/29/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	05/29/24	KCA	1
Carbon Tetrachloride	0.068	0.032	0.032	0.43	0.20	0.20	05/29/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	05/29/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	05/29/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	05/29/24	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	05/29/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/29/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/29/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	05/29/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	05/29/24	KCA	1
Dichlorodifluoromethane	0.398	0.202	0.202	1.97	1.00	1.00	05/29/24	KCA	1
Ethanol	14.0	0.531	0.531	26.4	1.00	1.00	05/29/24	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	05/29/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	05/29/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	05/29/24	KCA	1
Isopropylalcohol	7.67	0.407	0.407	18.8	1.00	1.00	05/29/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1
Methyl Ethyl Ketone	0.683	0.339	0.339	2.01	1.00	1.00	05/29/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1
Methylene Chloride	3.94	0.863	0.863	13.7	3.00	3.00	05/29/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	05/29/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	05/29/24	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	05/29/24	KCA	1
Tetrachloroethene	0.770	0.037	0.037	5.22	0.25	0.25	05/29/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	05/29/24	KCA	1
Toluene	ND	0.266	0.266	ND	1.00	1.00	05/29/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	05/29/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/29/24	KCA	1
Trichloroethene	0.748	0.037	0.037	4.02	0.20	0.20	05/29/24	KCA	1
Trichlorofluoromethane	0.199	0.178	0.178	1.12	1.00	1.00	05/29/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	05/29/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	05/29/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	103	%	%	103	%	%	05/29/24	KCA	1
% IS-1,4-Difluorobenzene	95	%	%	95	%	%	05/29/24	KCA	1
% IS-Bromochloromethane	95	%	%	95	%	%	05/29/24	KCA	1
% IS-Chlorobenzene-d5	94	%	%	94	%	%	05/29/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 01, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Sample Information

Matrix: AIR
Location Code: FPMGROUP
Rush Request: Standard
P.O.#:
Canister Id: 856

Custody Information

Collected by: JS,VM
Received by: CP
Analyzed by: see "By" below

Date

05/23/24 14:47
05/24/24 16:30

Laboratory Data

SDG ID: GCQ81026
Phoenix ID: CQ81028

Project ID: CAPTREE
Client ID: PT-IA-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/28/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	05/28/24	KCA	1
1,2,4-Trimethylbenzene	0.230	0.204	0.204	1.13	1.00	1.00	05/28/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/28/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	05/28/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	05/28/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/28/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	05/28/24	KCA	1
Acetone	12.4	0.421	0.421	29.4	1.00	1.00	05/28/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	05/28/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	05/28/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	05/28/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	05/28/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	05/28/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	05/28/24	KCA	1
Carbon Tetrachloride	0.071	0.032	0.032	0.45	0.20	0.20	05/28/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	05/28/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	05/28/24	KCA	1
Chloroform	0.372	0.205	0.205	1.82	1.00	1.00	05/28/24	KCA	1
Chloromethane	0.558	0.485	0.485	1.15	1.00	1.00	05/28/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/28/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	05/28/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	05/28/24	KCA	1
Dichlorodifluoromethane	0.424	0.202	0.202	2.10	1.00	1.00	05/28/24	KCA	1
Ethanol	224	E 0.531	0.531	422	1.00	1.00	05/28/24	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Heptane	0.492	0.244	0.244	2.02	1.00	1.00	05/28/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	05/28/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	05/28/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	05/28/24	KCA	1
Isopropylalcohol	520	E 0.407	0.407	1280	1.00	1.00	05/28/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/28/24	KCA	1
m,p-Xylene	0.468	0.230	0.230	2.03	1.00	1.00	05/28/24	KCA	1
Methyl Ethyl Ketone	0.794	0.339	0.339	2.34	1.00	1.00	05/28/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	05/28/24	KCA	1
Methylene Chloride	3.94	0.863	0.863	13.7	3.00	3.00	05/28/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	05/28/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/28/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	05/28/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/28/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	05/28/24	KCA	1
Tetrachloroethene	0.056	0.037	0.037	0.38	0.25	0.25	05/28/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	05/28/24	KCA	1 1
Toluene	0.690	0.266	0.266	2.60	1.00	1.00	05/28/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	05/28/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/28/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	05/28/24	KCA	1
Trichlorofluoromethane	0.254	0.178	0.178	1.43	1.00	1.00	05/28/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	05/28/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	05/28/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	116	%	%	116	%	%	05/28/24	KCA	1
% IS-1,4-Difluorobenzene	103	%	%	103	%	%	05/28/24	KCA	1
% IS-Bromochloromethane	103	%	%	103	%	%	05/28/24	KCA	1
% IS-Chlorobenzene-d5	103	%	%	103	%	%	05/28/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 01, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Sample Information

Matrix: AIR
Location Code: FPMGROUP
Rush Request: Standard
P.O.#:
Canister Id: 840

Custody Information

Collected by: JS,VM
Received by: CP
Analyzed by: see "By" below

Date

05/23/24 14:27
05/24/24 16:30

Time

Project ID: CAPTREE
Client ID: CV-SV-2

Laboratory Data

SDG ID: GCQ81026
Phoenix ID: CQ81029

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/29/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/29/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/29/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/29/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/29/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/29/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	05/29/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/29/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	05/29/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	05/29/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
Acetone	132	2.11	2.11	313	5.01	5.01	05/28/24	KCA	5
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	05/29/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	05/29/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	05/29/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	05/29/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	05/29/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	05/29/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	05/29/24	KCA	1
Carbon Tetrachloride	0.035	0.032	0.032	0.22	0.20	0.20	05/29/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	05/29/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	05/29/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	05/29/24	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	05/29/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/29/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/29/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	05/29/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	05/29/24	KCA	1
Dichlorodifluoromethane	2.69	0.202	0.202	13.3	1.00	1.00	05/29/24	KCA	1
Ethanol	167	2.66	2.66	314	5.01	5.01	05/28/24	KCA	5 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	05/29/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	05/29/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	05/29/24	KCA	1
Isopropylalcohol	445	E 2.04	2.04	1090	5.01	5.01	05/28/24	KCA	5
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1
Methyl Ethyl Ketone	0.616	0.339	0.339	1.82	1.00	1.00	05/29/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	05/29/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	05/29/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	05/29/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	05/29/24	KCA	1
Tetrachloroethene	1.46	0.037	0.037	9.9	0.25	0.25	05/29/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	05/29/24	KCA	1 1
Toluene	0.337	0.266	0.266	1.27	1.00	1.00	05/29/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	05/29/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/29/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	05/29/24	KCA	1
Trichlorofluoromethane	3.80	0.178	0.178	21.3	1.00	1.00	05/29/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	05/29/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	05/29/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	102	%	%	102	%	%	05/29/24	KCA	1
% IS-1,4-Difluorobenzene	95	%	%	95	%	%	05/29/24	KCA	1
% IS-Bromochloromethane	95	%	%	95	%	%	05/29/24	KCA	1
% IS-Chlorobenzene-d5	96	%	%	96	%	%	05/29/24	KCA	1
% Bromofluorobenzene (5x)	122	%	%	122	%	%	05/28/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	83	%	%	83	%	%	05/28/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Bromochloromethane (5x)	85	%	%	85	%	%	05/28/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	83	%	%	83	%	%	05/28/24	KCA	5

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 01, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Sample Information

Matrix: AIR
Location Code: FPMGROUP
Rush Request: Standard
P.O.#:
Canister Id: 733

Custody Information

Collected by: JS,VM
Received by: CP
Analyzed by: see "By" below

Date

05/23/24 14:20
05/24/24 16:30

Time

Project ID: CAPTREE
Client ID: CV-SV-1

Laboratory Data

SDG ID: GCQ81026
Phoenix ID: CQ81030

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/29/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/29/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	05/29/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	05/29/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/29/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/29/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	05/29/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	05/29/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	05/29/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	05/29/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	05/29/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	05/29/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	05/29/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
Acetone	4.73	0.421	0.421	11.2	1.00	1.00	05/29/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	05/29/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	05/29/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	05/29/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	05/29/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	05/29/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	05/29/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	05/29/24	KCA	1
Carbon Tetrachloride	0.060	0.032	0.032	0.38	0.20	0.20	05/29/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	05/29/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	05/29/24	KCA	1
Chloroform	0.287	0.205	0.205	1.40	1.00	1.00	05/29/24	KCA	1
Chloromethane	0.890	0.485	0.485	1.84	1.00	1.00	05/29/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	05/29/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/29/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	05/29/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	05/29/24	KCA	1
Dichlorodifluoromethane	0.414	0.202	0.202	2.05	1.00	1.00	05/29/24	KCA	1
Ethanol	14.5	0.531	0.531	27.3	1.00	1.00	05/29/24	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	05/29/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	05/29/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	05/29/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	05/29/24	KCA	1
Isopropylalcohol	24.6	0.407	0.407	60.4	1.00	1.00	05/29/24	KCA	1
Isopropylbenzene	0.334	0.204	0.204	1.64	1.00	1.00	05/29/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1
Methyl Ethyl Ketone	0.452	0.339	0.339	1.33	1.00	1.00	05/29/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	05/29/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	05/29/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	05/29/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	05/29/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	05/29/24	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	05/29/24	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	05/29/24	KCA	1
Tetrachloroethene	23.3	0.037	0.037	158	0.25	0.25	05/29/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	05/29/24	KCA	1
Toluene	ND	0.266	0.266	ND	1.00	1.00	05/29/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	05/29/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	05/29/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	05/29/24	KCA	1
Trichlorofluoromethane	0.212	0.178	0.178	1.19	1.00	1.00	05/29/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	05/29/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	05/29/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	103	%	%	103	%	%	05/29/24	KCA	1
% IS-1,4-Difluorobenzene	99	%	%	99	%	%	05/29/24	KCA	1
% IS-Bromochloromethane	99	%	%	99	%	%	05/29/24	KCA	1
% IS-Chlorobenzene-d5	95	%	%	95	%	%	05/29/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 01, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

July 01, 2024

FOR: Attn: Mr John Bukoski, PG
FPM Group
640 Johnson Avenue, Suite 101
Bohemia, NY 11716

Location Code: FPMGROUP

SDG I.D.: GCQ81026

Project ID: CAPTREE

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
AMBIENT	CQ81026	757	1.4L	10602	05/20/24	-30	-8	2.56	2.46	4.0	-30	-8	05/23/24 08:30	05/23/24 14:35
PT-SV-1	CQ81027	729	1.4L	10765	05/20/24	-30	-10	2.48	2.61	5.1	-30	-9	05/23/24 09:30	05/23/24 14:48
PT-IA-1	CQ81028	856	1.4L	10659	05/20/24	-30	-10	2.6	2.67	2.7	-30	-10	05/23/24 09:27	05/23/24 14:47
CV-SV-2	CQ81029	840	1.4L	10576	05/20/24	-30	-6	2.41	2.38	1.3	-30	-5	05/23/24 08:00	05/23/24 14:27
CV-SV-1	CQ81030	733	1.4L	10754	05/20/24	-30	-5	2.6	2.66	2.3	-30	-5	05/23/24 08:05	05/23/24 14:20



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

July 01, 2024

QA/QC Data

SDG I.D.: GCQ81026

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 733269 (ppbv), QC Sample No: CQ80991 (CQ81026, CQ81028, CQ81029 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	94	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	114	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	112	2.63	3.44	0.535	0.700	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	106	1.06	1.53	0.216	0.311	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	96	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	116	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	108	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	84	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	99	1.31	1.61	0.282	0.346	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	113	1.97	2.86	0.400	0.582	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	97	27.3	25.6	11.5	10.8	6.3	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	96	1.17	1.05	0.368	0.328	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	119	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	102	0.46	0.45	0.073	0.072	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	98	2.80	2.32	0.573	0.476	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	98	1.28	1.08	0.620	0.521	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	97	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	109	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	98	2.15	2.21	0.435	0.448	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCQ81026

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.530	ND	1.00	23	160 E	141	84.9 E	74.8	12.6	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	99	2.51	1.25	0.698	0.348	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	102	1.29	1.54	0.297	0.354	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	100	1.49	1.43	0.365	0.350	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	96	1.79	2.64	0.509	0.750	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	76	44.0	19.8	17.9	8.07	75.7	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	105	4.77	5.90	1.10	1.36	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	97	3.12	2.08	1.06	0.707	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	96	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	116	2.08	1.45	0.397	0.277	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	105	1.82	2.21	0.419	0.509	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	92	2.84	ND	1.65	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	99	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	108	3.44	3.87	0.808	0.910	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	107	0.32	0.60	0.047	0.088	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	105	4.63	7.23	1.23	1.92	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	99	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	104	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	100	1.13	1.29	0.201	0.229	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	96	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	116	%	116	%	114	118	119	118	119	NC	70 - 130	25
% IS-1,4-Difluorobenzene	94	%	94	%	96	95	99	95	99	NC	60 - 140	25
% IS-Bromochloromethane	94	%	94	%	95	96	100	96	100	NC	60 - 140	25
% IS-Chlorobenzene-d5	93	%	93	%	102	98	100	98	100	NC	60 - 140	25

QA/QC Batch 733431 (ppbv), QC Sample No: CQ81361 (CQ81027, CQ81029, CQ81030)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	96	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	100	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	118	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	105	2.31	2.58	0.470	0.526	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	104	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	102	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	101	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	93	160	181	44.4	50.2	12.3	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	104	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCQ81026

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
2-Hexanone(MBK)	ND	0.250	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	102	1.52	1.65	0.309	0.336	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	95	11.4	12.6	4.79	5.30	10.1	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	100	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	101	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	114	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	101	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	100	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	97	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	102	0.40	0.44	0.063	0.070	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	102	3.80	4.10	0.779	0.841	7.7	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	105	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	102	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	104	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	96	1.41	1.50	0.409	0.435	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	101	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	105	9.7	8.15	1.96	1.65	17.2	70 - 130	25
Ethanol	ND	0.375	ND	0.71	64	19.2	21.1	10.2	11.2	9.3	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	102	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	100	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	116	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	107	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	81	4.57	5.09	1.86	2.07	NC	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	96	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	104	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	102	2.72	3.01	0.922	1.02	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	104	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	102	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	124	ND	0.44	ND	0.084	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	104	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	100	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	100	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	97	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	102	0.74	0.79	0.174	0.186	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	97	11.6	12.9	1.71	1.91	11.0	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	103	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	102	2.11	2.32	0.561	0.617	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	102	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	103	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	100	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	100	13.7	14.9	2.44	2.66	8.6	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	101	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	104	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	98	%	98	%	100	107	108	107	108	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	95	100	89	100	89	NC	60 - 140	25
% IS-Bromochloromethane	99	%	99	%	91	98	88	98	88	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	101	97	87	97	87	NC	60 - 140	25

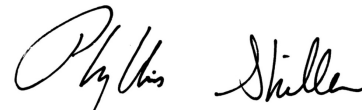
QA/QC Data

SDG I.D.: GCQ81026

Parameter	Blk		Blk		LCS	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec		% RPD Limits
	Blk ppbv	RL ppbv	Blk ug/m3	RL ug/m3							Limits	Limits	

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


Phyllis Shiller, Laboratory Director
July 01, 2024

Monday, July 01, 2024

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCQ81026 - FPMGROUP

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CQ81026	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.061	0.037	0.037	0.037	ppbv
CQ81026	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CQ81027	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.748	0.037	0.037	0.037	ppbv
CQ81027	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.770	0.037	0.443	0.443	ppbv
CQ81027	\$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	3.94	0.863	0.864	0.864	ppbv
CQ81027	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.068	0.032	0.032	0.032	ppbv
CQ81028	\$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	3.94	0.863	0.864	0.864	ppbv
CQ81028	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CQ81029	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	1.46	0.037	0.443	0.443	ppbv
CQ81029	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.035	0.032	0.032	0.032	ppbv
CQ81030	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	23.3	0.037	0.443	0.443	ppbv
CQ81030	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.060	0.032	0.032	0.032	ppbv
CQ81030	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	23.3	0.037	14.8	14.8	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

