

10 June 2025

Mr. Joseph T. Martella II, Senior Engineer
Site Remediation Program
Office of Waste Management
RI Department of Environmental Management
235 Promenade Street
Providence, RI 02908

*RE: Quarterly O&M Status Report No. 71
Alvarez High School, 333 Adelaide Avenue, Providence, Rhode Island
Case No. 2005-029
EA Project No. 15066.12*

Dear Mr. Martella:

On behalf of the Providence Public School District (PPSD), EA Engineering, Science, and Technology, Inc., PBC (EA) is providing this Quarterly Operations and Maintenance (O&M) Status Report in accordance with Provision 6(f) of the Order of Approval and amendments (Amended OA) for the referenced Alvarez High School site (the Site, formerly Adelaide Avenue High School).

This O&M Report summarizes recently completed Site activities related to compliance sub-slab vapor and indoor air sampling for the period from March 2025 through May 2025.

If you have any questions or require additional information, please contact me at (401) 287-0370.

Sincerely,

EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC., PBC



Frank B. Postma, LSP, LEP, PG
Project Manager

cc: Superintendent, Prov. Dept. of Public Schools Director, Prov. Dept. of Public Property
B. Lemay, Prov. Redevelopment Agency Knight Memorial Library Repository
R. Dorr, Neighborhood Resident Principal Biah, Alvarez High School
Rep. Scott Slater

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Quarterly O&M Status Report No. 71

Summarizing Sub-slab Depressurization and Indoor Air Monitoring and Sampling Activities

Dr. J. Alvarez High School Site (Formerly Adelaide Avenue High School) Providence, Rhode Island

Prepared for

Providence Public School District
797 Westminster Street
Providence, Rhode Island 02903

Prepared by:

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EA Project No. 15066.12
June 2025

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1. INTRODUCTION AND BACKGROUND

On behalf of the Providence Public School District (the PPSD), EA Engineering, Science, and Technology, Inc., PBC (EA) has prepared this Quarterly Operations and Maintenance (O&M) Status Report No. 71 for the Parcel B area of the former Gorham Manufacturing site in Providence, Rhode Island, formerly referred to as Adelaide Avenue High School and now referred to as Dr. Jorge Alvarez High School (the Site). A Site Location Map is provided as Figure 1. This report has been prepared to satisfy provision 6(f) of the Rhode Island Department of Environmental Management (RIDEM) Order of Approval (OA) issued in June 2006, as amended in February 2007, July 2007, and July 2009. For the purposes of this report, the original and the amended OA will collectively be referred to as the Amended OA.

The Amended OA specifies the details of the approved remedy for the Site including, but not limited to, the installation of a sub-slab depressurization (SSD) system, installation of a continuous indoor air methane monitoring system, and implementation of an associated periodic monitoring and sampling program. In August 2007, the RIDEM-approved remedy for the Site was completed and a Remedial Action Closure Report (RACR) was submitted to RIDEM. In July 2009, the periodic indoor air and sub-slab vapor sampling schedule was reduced to quarterly sampling from previously required monthly sampling.

This report summarizes the O&M, monitoring, and sampling activities completed at the Site for the three-month period from March 2025 through May 2025 (Quarterly Reporting Period No. 71). Please refer to Quarterly O&M Status Reports No. 1 through No. 70 for information regarding monitoring and sampling at the Site during the previous quarters. The RACR and previously submitted monthly correspondence contain details regarding the results of the monitoring and sampling program for the period prior to Reporting Period No. 1.

2. SUMMARY OF SSD SYSTEM AND INDOOR METHANE MONITORING SYSTEM PERFORMANCE

2.1 SSD SYSTEM AND RELATED MONITORING

The following SSD system performance parameters were inspected and/or monitored at the frequencies indicated below in accordance with the Amended OA and through discussions with RIDEM to evaluate system performance:

- Monthly indoor air monitoring of vapor-phase constituents and methane (7 March 2025, 30 April 2025, and 23 May 2025) at 8 monitoring locations, as illustrated on the Indoor Air Sampling and Methane Monitoring System Diagram provided as Figure 2.
- Monthly sub-slab monitoring of vacuum pressure, vapor-phase constituents, and methane (7 March 2025, 30 April 2025, and 23 May 2025) at 11 monitoring locations, as illustrated on the As-Built Sub-slab Monitoring and Sampling Locations provided as Figure 3.
- Monthly inspections and monitoring (air velocity and vacuum) of the three rooftop fans to verify proper operation and effluent concentrations.
- Monthly inspections of the electronic monitoring system associated with each of three SSD system extraction fans and the methane sensor system (automatic alarm notification via audible signal and phone notification).
- Monthly inspections of the RIDEM approved engineered cap.
- Quarterly sampling (30 April 2025) of nine indoor air locations, one ambient outdoor air location, and six sub-slab points.

Copies of O&M field forms summarizing SSD System monitoring data collected during this reporting period are provided in Appendix A.

2.1.1 Sub-Slab Monitoring

Vacuum measurements taken at each interior and perimeter sub-slab monitoring/sampling locations ranged from -0.201 to 0.02 inches of water column. A positive pressure point was observed at MP-3 in April. The observed positive pressure was likely due to the high wind gusts of the day affecting the pressure system. All rooftop fans were observed to be operating correctly during this reporting period; pressure and air velocity recorded at all rooftop fans were within normal ranges. Adequate vacuum pressures were observed in all other places below the slab with the notable exception as shown above. No VOC levels above 505 parts-per-billion (ppb) were observed in the sub-slab or school building during this quarter.

2.1.2 Rooftop Extraction Fans

The rooftop extraction fans were replaced with upgraded models on 20 October 2023 as part of the proposed mitigation strategy to address volatile organic compounds (VOCs) in the sub-slab. Each fan had inspection ports installed along their position on the 1st floor to allow for measurements of pressure between the slab and the roof. Each of these three trunk lines was shown to have a vacuum on the 1st floor, demonstrating adequate function of the fans. In addition, on 7 November 2023 the SSD system was video inspected to determine if blockages existed in the PVC trunk lines below the slab. The video inspection of trunk lines and sump pits SP-4, SP-5, SP-7, and SP-8 were found unobstructed representing 50% of the installed sub-slab piping/sump pit network.

The pressure sensors on each rooftop fan are connected to an alarm panel and autodialer system, which is triggered when a change in vacuum is detected in the rooftop exhaust fans. The exhaust fan alarm system is connected to back-up battery packs in the control panel, which have sufficient capacity to operate for multiple days in the event of an electrical outage or power disruption to the system. Fan vacuums measured between -3.8 to -4.2 inches of water; fan speeds measured between 1700 to 2500 cubic feet per minute. The negative sub-slab vacuum values observed at the site indicate that the system is operating properly. Sub-slab vacuums observed at the site were mostly negative with four exceptions of zero or positive values across three monitoring points. The extraction fan alarm was triggered on 21 March and April 29, each likely due to high winds that night interfering with the air exiting the rooftop fans.

2.1.3 Engineered Cap

The engineered cap appeared in good condition. Previously eroded areas of the cap on Parcel B were filled with clean loam and seeded on 7 July 2022. EA will continue to monitor the cap for any future deficiencies.

In April 2020, PPSD installed two 10-foot (ft) by 20-ft by 4-in thick concrete throwing pads in the southwestern corner of Parcel C on the grassed recreation field between Dr. Jorge Alvarez High School and Mashapaug Pond. The pads were constructed in accordance with the Temporary Parcel C Cap Disturbance Notification letter submitted to RIDEM on 31 March 2020. The concrete pads remain in place as part of the engineered cap and concrete pad inspections have been incorporated into the routine monitoring events. The concrete pads appeared to be in good condition and no cracks or chips were observed. Shotput and discus landing zones also appeared in good condition and no erosion damage to the cap was present. A site plan depicting the location of the shotput and discus throwing pads is included as Figure 4.

Any and all future landscaping work, including gardening at Alvarez High School (Parcel B), and/or the shot-put and discus throwing field (Parcel C) must adhere to the Soil Management Plan and the Amended OA to ensure the engineered cap is not damaged and the protective cover soil layer is maintained. EA will continue to inspect the pads on a monthly basis and report findings and routine maintenance in the Quarterly O&M Status Reports.

2.2 INDOOR METHANE MONITORING SYSTEM

Indoor methane concentrations were monitored by an indoor methane monitoring system equipped with automatic alarm notification via audible signal and phone notification within the school at eight RIDEM-approved locations (refer to the Indoor Air Sampling and Methane Monitoring System Diagram provided as Figure 2) during this reporting period. The methane monitoring system was inspected during each monitoring event and the filters were last replaced on 30 April 2025. The next filter replacement is scheduled for July 2025. There were no methane alarms during this period.

2.3 AMBIENT OUTDOOR AND INDOOR AIR SAMPLING

Nine indoor air samples and one ambient outdoor air sample were collected at the site at RIDEM-approved sampling locations during the quarterly sampling event on 30 April 2025. The sample collected on 30 April 2025 was submitted to Pace Analytical Laboratory (Pace) for analysis of VOCs via Method TO-15 Selective Ion Monitoring (SIM). Each summa canister used during this monitoring period was individually certified to ensure that all containers were devoid of residual contamination. The typical summa canister certification process occurs in batches. However, individual certification was requested by RIDEM for this and future sampling events after residual contamination affected the 1 August 2014 sampling results.

Sample results were compared to the State of Connecticut's Draft Proposed Indoor Residential Targeted Air Concentrations (CT RTACs) and the RIDEM approved threshold level in accordance with the Amended OA. Sampling locations for the indoor air samples are illustrated on Figure 3. The 30 April 2025 ambient outdoor air sample was collected east-southeast of the school. A data summary table is provided as Appendices B and C and a copy of the laboratory data reports associated with the sampling events are provided in Appendix E.

One analyte, acetone, was identified in indoor air above the CT RTACs threshold levels during the 30 April 2025 annual sampling event. Acetone is a common laboratory contaminant and a component of many cleaning supplies. All concentrations of acetone in the subslab are at least an order of magnitude than the concentration detected in the indoor air. Therefore, the subsurface soil vapor is not the source of the acetone in the indoor air sample collected from Room 110. No other exceedances of analytes were detected during this monitoring period.

2.4 SUB-SLAB VAPOR SAMPLING AND EVALUATION OF POTENTIAL VOC REBOUND EFFECT

A total of 11 RIDEM-approved sub-slab sampling locations are installed at the Site. Six sub-slab samples are typically collected on the rotating schedule in accordance with the Amended OA and analyzed for VOCs via US EPA Method TO-15 SIM. Two interior sub-slab vapor samples and four exterior sub-slab vapor samples were collected on 30 April 2025. The sub-slab analytical results are presented in Appendix C and a copy of the laboratory data reports associated with the sampling events are included in Appendix E. The locations for sub-slab sampling are illustrated on Figure 3.

2.5 SUMMARY OF ROOFTOP VOC EMISSIONS

Previous rooftop effluent sampling rounds conducted in March 2007 (immediately after SSD system startup), June 2007, June 2008, September 2009, and annually in July thereafter (2010 – 2022) indicated compliance with all Air Pollution Control Permit Applicability Thresholds. Additionally, in October 2014 RIDEM conducted roofline and downwind outdoor air sampling to determine if rooftop fan exhaust was possibly infiltrating the building or impacting downwind air. The roofline and downwind sample concentrations were approximately the same as the upwind sample concentration and significantly lower than those concentrations observed in the rooftop fan exhaust, indicating that exhausted vapors from the rooftop fans were well dispersed and are not causing significant impacts downwind or inside the building.

The Amended OA requires that rooftop VOC sampling be completed on an annual basis. Concentrations of VOCs in rooftop fan vents continue to be evaluated based on the regulatory thresholds and their effect to background air at the school and the nearby residential neighborhood. Rooftop fan sampling was last conducted on 4 September 2024. No exceedances of the RIDEM Air Pollution Control Permit Applicability Thresholds for hourly, daily, or annual emissions were observed. A summary of historical rooftop fan emission data is summarized in Table 1 below.

Table 1 Annual Rooftop Fan Emissions

Annual Monitoring Date	Total Emissions ^a (lbs/year)
-	RIDEM Threshold: 50,000 ^b
20 July 2012	4.08
9 July 2013	3.47
1 August 2014	2.45
22 October 2014	2.83
21 July 2015	2.93
20 July 2016	2.86
26 July 2017	2.07
27 July 2018	0.412
29 July 2019	3.82
23 July 2020	1.47
21 July 2021	0.690
28 July 2022	2.21
18 July 2023	2.41
4 September 2024	0.721
^a Sum of all three rooftop fan emissions; emissions based on measured flow speed and EPA Method TO15-SIM air sample analysis ^b RIDEM Air Pollution Control Regulation No. 9 [Amended April 2004] RIDEM = Rhode Island Department of Environmental Management lbs/year = pounds of gas per year	

All emissions are below the RIDEM Air Pollution Control Regulations. Fluctuations in emissions since July 2021 may be indicative of abnormally high subsurface concentrations of VOCs along the eastern portion of the school. One possible explanation for this variability may be

fluctuating depths to the groundwater table in the vicinity of the school. As the depth to groundwater decreases, soil gas emissions to the extraction system are anticipated to increase due to increased pressure from the capillary fringe of the site and adjoining area that is largely capped with asphalt. Further, there was a disruption to the operation of the pump and treat system in the adjoining area in the fall and winter of 2023, increasing the concentration of VOCs expelled by the schools' fan system. This disruption has since ended but may have lingering impacts. Full analytical results of rooftop fan sampling are summarized in Appendix D and Quarterly Monitoring Reports No. 1 – No. 70. The next annual rooftop effluent VOC sampling event is scheduled for July 2025.

3. CONCLUSIONS

The following conclusions are made based upon the completed inspections, monitoring, and sampling performed during this reporting period:

- Measured sub-slab pressures were generally negative, with the exception of 1 positive measurement, likely due to moderate to high wind gusts on the day it was observed. Overall, this would indicate that the sub-slab system is working.
- The continuous operation of the SSD System and non-continuous sub-slab vacuum beneath the school illustrates ongoing, effective operation of the SSD System.
- The concrete pads and throwing areas on Parcel C appeared to be in good condition and no signs of cap degradation or erosion were observed.
- The sub-slab data was evaluated for potential rebound in accordance with the Amended OA. No evidence of increasing VOCs (i.e., VOC rebound) beneath the school has been observed.

4. FUTURE ACTIVITIES AND NEXT QUARTERLY SUMMARY REPORT

The following activities will be completed in accordance with the Amended OA during the next quarterly status reporting period from June to August 2025:

- Continuous monitoring of the operational status of three rooftop extraction fans;
- Monthly site inspections and monitoring using a calibrated photoionization detector with part-per-billion sensitivity and a Landtec multi-gas meter;
- Collection of air samples from nine indoor locations, one ambient outdoor location, six sub-slab monitoring points, and three rooftop fans in July 2025;
- EA will continue to work with PPSD and RIDEM to ensure that the Parcel A remedial systems are maintained and data reported in accordance with regulations;
- Any future landscaping projects and erosion repairs by PPSD must be conducted in accordance with the site-specific Soil Management Plan and the Amended OA to prevent damage to the engineered cap;
- The engineered cap on Parcel B as well as the concrete throwing pads on Parcel C will be inspected during the routine monthly sub-slab inspections and reported in future Quarterly O&M reports;

These activities will be summarized in the next status report (Quarterly Status Report No. 72), expected to be submitted by the end of September 2025.

4.1 FUTURE CORRECTIVE ACTION AND INVESTIGATION

Sub-slab and interior air VOC vapor concentrations will continue to be observed and analyzed next quarter.

FIGURES

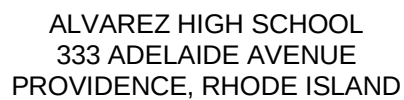
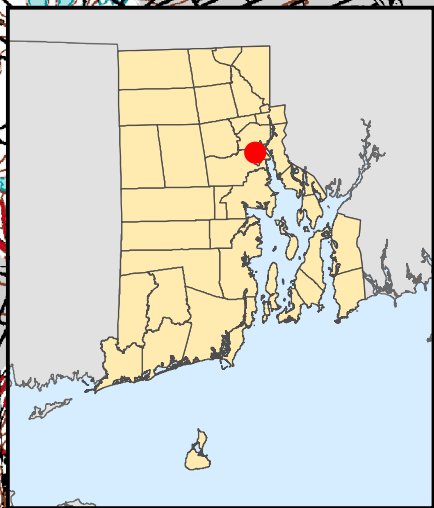
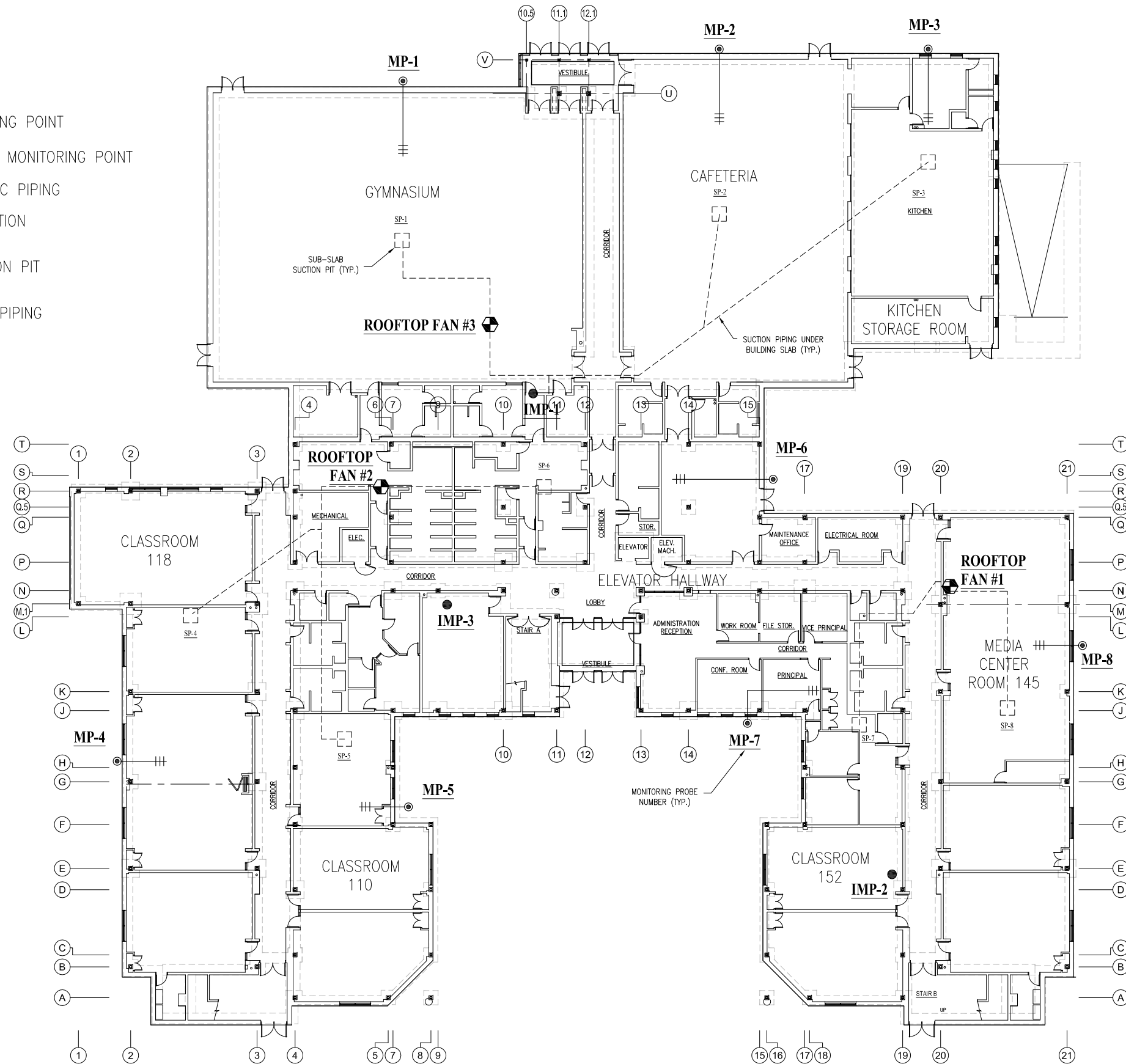


FIGURE 1
SITE LOCUS

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	FILE NO:
FP	PT	PT	FP	1:24,000	FEBRUARY 2010	14687.01	SITE_LOCUS.MXD

LEGEND :

- SUB-SLAB MONITORING POINT
- INTERIOR SUB-SLAB MONITORING POINT
- ||| SLOTTED 1 INCH PVC PIPING
- ⬢ ROOFTOP FAN LOCATION
- SP-1
□ SSD SYSTEM SUCTION PIT
- SOLID 4 INCH PVC PIPING



DESIGNED BY RGM	DRAWN BY DPA	DATE OCT. 16, 2013	PROJECT NO. 15066.01	FILE NAME FIG 3	AS-BUILT SUB SLAB MONITORING AND SAMPLING LOCATIONS ALVAREZ HIGH SCHOOL PROVIDENCE, RHODE ISLAND	QUARTERLY STATUS REPORT FIGURE 3
CHECKED BY FBP	PROJECT MGR. FBP	SCALE NTS	DRAWING NO. N/A	FIGURE 3		

APPENDIX A

O&M Field Forms



EA Engineering, Science, and Technology, Inc.,
PBC

Alvarez High School - SSD & Interior Methane Monitoring System O&M

Date of O&M: 3.7.25 Performed by: TC

PID/Methane Calibration? no (yes/no) PID Calibration Result: -

Date of last Methane Sensor Filter Replacement: 1.22.25 Replaced this O&M Visit? no (yes/no)

Auto Dialer Functioning (yes/no): Yes Windspeed/Direction: 26mph from WNW

General Status of SSD System: Fine

General Status of Methane Monitoring System: Fine

Eng. Cap/Fence Inspection Performed/Notes: (take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Positive?	Air Velocity (fpm)	VOC Monitoring	Methane Monitoring			Air/Vapor Sample Collection						Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences)
				PID (ppb)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	
Gymnasium	NA		NA	42	0	0	0							
Cafeteria	NA		NA	3	0	0	0							
Kitchen Storage Room	NA		NA	33	0	0	0							
Elevator Hallway	NA		NA	11	0	0	0							
Room 145	NA		NA	70	0	0	0							
Room 152	NA		NA	86	0	0	0							
Room 118	NA		NA	830	0	0	0							
Room 110	NA		NA	170	0	0	0							
Room 116	NA		NA	505	NA	0	0							
MP-1	-0.201		NA	9	NA	0	0							
MP-2	-0.099		NA	13	NA	0	0							
MP-3	-0.048		NA	81	NA	0	0							
MP-4	-0.125		NA	120	NA	0	0							
MP-5	-0.049		NA	144	NA	0	0							
MP-6	-0.027		NA	50	NA	0	0							
MP-7	-0.01		NA	135	NA	0	0							
MP-8	-0.08		NA	11	NA	0	0							
IMP-1	-0.07		NA	49	NA	0	0							
IMP-2	-0.025		NA	100	NA	0	0							
IMP-3	-0.037		NA	58	NA	0	0							
Roof-Top Fan 1	-3.8		1969	83	NA	0	0							
Roof-Top Fan 2	-3.8		2034	44	NA	0	0							
Roof-Top Fan 3	-4.2		1987	65	NA	0	0							
Ambient Outdoor Air	NA		NA	1	NA	0	0							

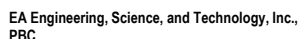
NA: not applicable.

NM: not monitored on this date.

NS : not sampled on this date.

* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%.

If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.



Alvarez High School - SSD & Interior Methane Monitoring System O&M

Performed by: TC/GJ

PID Calibration Result: -

Replaced this O&M Visit? yes (yes/no)

Windspeed/Direction: 30 mph from NW

Fine

Fine

(take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Positive?	Air Velocity (fpm)	VOC Monitoring	Methane Monitoring			Air/Vapor Sample Collection						Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences)
				PID (ppb)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	
Gymnasium	NA		NA	0	0	0	0	1850	0171	845	-29.24	917	-3.89	
Cafeteria	NA		NA	0	0	0	0	5543	0211	851	-29.26	926	-4.38	
Kitchen Storage Room	NA		NA	0	0	0	0	5420	0318	852	-29.35	925	-0.83	
Elevator Hallway	NA		NA	0	0	0	0	5775	0031	836	-29.83	910	-4.79	
Room 145	NA		NA	0	0	0	0	5818	2107	838	-29.35	911	-3.83	
Room 152	NA		NA	0	0	0	0	5882	1466	840	-28.85	912	-2.16	
Room 118	NA		NA	0	0	0	0	3126	2339	832	-28.70	904	-4.74	
Room 110	NA		NA	0	0	0	0	1540	2326	834	-29.33	906	-4.48	
Room 116	NA		NA	0	NA	0	0	637	2324	833	-29.31	906	-4.80	
MP-1	-0.083		NA	21	NA	0	0							
MP-2	-0.111		NA	9	NA	0	0	5858	0045	955	-29.74	1027	-4.68	
MP-3	0.02	x	NA	0	NA	0	0							
MP-4	-0.037		NA	0	NA	0	0							
MP-5	-0.069		NA	0	NA	0	0	2561	2372	1002	-29.51	1034	-4.84	
MP-6	-0.034		NA	0	NA	0	0							
MP-7	-0.003		NA	0	NA	0	0	3266	1029	1000	-29.20	1032	-3.65	
MP-8	-0.086		NA	0	NA	0	0	3391	3391	958	-29.08	1030	-2.15	
IMP-1	-0.027		NA	0	NA	0	0	3375	0649	850	-28.93	923	-4.85	Students vaping in the room
IMP-2	-0.03		NA	89	NA	0	0							
IMP-3	-0.027		NA	262	NA	0	0	1693	1500	831	-29.37	903	-4.18	
Roof-Top Fan 1	-3.8		1996	0	NA	0	0							
Roof-Top Fan 2	-3.8		2088	13	NA	0	0							
Roof-Top Fan 3	-4.4		2135	38	NA	0	0							
Ambient Outdoor Air	NA		NA	0	NA	0	0	2666	1677	946	-28.82	1016	-4.62	

NM: not monitored on this date.

* BIDEM Action Level for methane

If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.



EA Engineering, Science, and Technology, Inc.,
PBC

Alvarez High School - SSD & Interior Methane Monitoring System O&M

Date of O&M: 5.22.25 Performed by: TC

PID/Methane Calibration? no (yes/no) PID Calibration Result: -

Date of last Methane Sensor Filter Replacement: 4.30.25 Replaced this O&M Visit? no (yes/no)

Auto Dialer Functioning (yes/no): Yes Windspeed/Direction: 9 mph from N

General Status of SSD System: Fine

General Status of Methane Monitoring System: Fine

Eng. Cap/Fence Inspection Performed/Notes: (take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Positive?	Air Velocity (fpm)	VOC Monitoring	Methane Monitoring			Air/Vapor Sample Collection						Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences)
				PID (ppb)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	
Gymnasium	NA		NA	38	0	0	0							
Cafeteria	NA		NA	19	0	0	0							
Kitchen Storage Room	NA		NA	65	0	0	0							
Elevator Hallway	NA		NA	14	0	0	0							
Room 145	NA		NA	72	0	0	0							
Room 152	NA		NA	355	0	0	0							
Room 118	NA		NA	14	0	0	0							
Room 110	NA		NA	36	0	0	0							
Room 116	NA		NA	44	NA	0	0							
MP-1	-0.057		NA	380	NA	0	0							
MP-2	-0.062		NA	370	NA	0	0							
MP-3	-0.021		NA	504	NA	0	0							
MP-4	-0.035		NA	370	NA	0	0							
MP-5	-0.055		NA	48	NA	0	0							
MP-6	-0.016		NA	50	NA	0	0							
MP-7	-0.002		NA	6	NA	0	0							
MP-8	-0.088		NA	46	NA	0	0							
IMP-1	-0.029		NA	381	NA	0	0							
IMP-2	-0.027		NA	496	NA	0	0							
IMP-3	-0.023		NA	184	NA	0	0							
Roof-Top Fan 1	-4		2224	44	NA	0	0							
Roof-Top Fan 2	-3.8		2044	23	NA	0	0							
Roof-Top Fan 3	-4.2		1711	29	NA	0	0							
Ambient Outdoor Air	NA		NA	0	NA	0	0							

NA: not applicable.

NM: not monitored on this date.

NS : not sampled on this date.

* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%.

If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.

APPENDIX B

Indoor and Ambient Outdoor Air Analytical Summary

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Acetone	180.0	10-Jan-18	10.0		15.0		13.0		14.0		14.0		16.0		16.0		21.0				7.0	
		11-Apr-18	20.0		18.0		16.0		17.0		16.0		27.0		17.0		22.0				9.5 ^D	U
		27-Jul-18	23		18		14		18		15		16		16		6.7				15	
		24-Oct-18	16		16		15		25		22		35		15		11				9.6	
		16-Jan-19	31		28		16		29		270		34		23		17				11	
		12-Apr-19	21		26		20		22		14		30		15		35				10	
		29-Jul-19	19		22		15		16		19		19		14		21				20	
		29-Oct-19	NS		8.5		11		12		14		33		4.8		NS				7.9	
		1-Nov-19	20		NS		NS		NS		NS		NS		NS		28				NS	
		21-Jan-20	16		7.10		7.30		8.00		10.00		23.00		14.00		13.00				3.40	
		22-Apr-20	8.6		13		7.9		8.6		4.9		5.6		8.9		9				9.1	
		23-Jul-20	19		16		14		18		25		26		22		18				10	
		29-Oct-20	15		13		14		14		13		12		13		14				8.1	
		19-Jan-21	7.6		5.4		4.4		5.2		4.3		5.5		6.3		7.6				4.5	
		15-Apr-21	12		6.7		6.9		8		8.9		9.6		9.1		9.7				5.1	
		21-Jul-21	22		22		24		21		30		21		25		21				22	
		20-Oct-21	8.8		16		13		16		15		13		13		13				9.2	
		31-Jan-22	11		10		8.6		13		9.9		11		9.2		6.4				4.7	
		7-Apr-22	13		5.9		6.2		7		6.5		11		20		9.1				4.3	
		28-Jul-22	17		12		10		13		13		19		11		12				11	
		18-Oct-22	9.8		12		19		18		18		24		17		33				9.1	
		24-Jan-23	24		9.6		13		21		15		23		19		25				9.1	
		19-Apr-23	13		17		10		17		11		9.2		11		15				8.1	
		28-Jul-23	26		15		16		18		31		130		25		26					
		25-Oct-23	60		16		13		15		27		29		38		42				8.2	
		9-Jan-24	15		14		11		13		14		25		7.2		13				5.3	
		25-Apr-24	13		8.5		7.9		14		21		46		9.4		34		25		5.7	
		4-Sep-24	15		32		8.5		11		24		47		22		110				12	
		15-Oct-24	9.62		12		6.94		8.6		15.5		20.5		7.65		24.7		21.9		10.6	
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS		13.1		NS	
		22-Jan-25	11.3		6.2		4.23		8.17		11		430		6.79		15.2		24		12.4	
		30-Apr-25	13.9		35.9		11.4		13.5		22.5		33.7		19.6		15.9		18.2		7.79	
Acrylonitrile	None	10-Jan-18	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		11-Apr-18	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			1.2 ^D	U
		27-Jul-18	0.25	U	0.25	U	0.25	U	0.25	U	0.38	U	0.38	U	0.25	U	0.25	U			0.25	U
		24-Oct-18	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		16-Jan-19	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		12-Apr-19	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		29-Jul-19	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		29-Oct-19	NS		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	NS				0.25	U
		1-Nov-19	0.25	U	NS		NS		NS		NS		NS		NS		0.25	U			NS	
		21-Jan-20	0.25 ^W	U	0.25 ^W	U	0.25 ^W	U	0.25 ^W	U	0.25 ^W	U	0.25 ^W	U	0.25 ^W	U	0.25 ^W	U			0.25 ^W	U
		22-Apr-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		23-Jul-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		29-Oct-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		19-Jan-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		15-Apr-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		21-Jul-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		20-Oct-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		31-Jan-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		7-Apr-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		28-Jul-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		18-Oct-22	0.25 ^{LV}	U	0.25 ^{LV}	U	0.25 ^{LV}	U	0.25 ^{LV}	U	0.25 ^{LV}	U	0.25 ^{LV}	U	0.25 ^{LV}	U	0.25 ^{LV}	U			0.25 ^{LV}	U
		24-Jan-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		19-Apr-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		28-Jul-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				
		25-Oct-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		9-Jan-24	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U
		25-Apr-24	0.25	U	0.25	U	0.36		0.95		1.8		3.4		0.53		0.25	U	2.1		0.25	U
		4-Sep-24	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
		15-Oct-24	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U			1.09	U
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS				NS	
		22-Jan-25	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U			1.09	U
		30-Apr-25	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U			1.09	U
Benzene	3.3	10-Jan-18	0.58		0.74		0.68		0.71		0.48		0.53		0.85		0.58				0.37	
		11-Apr-18	0.78		0.63		0.57		0.61		0.47		0.56		0.50		0.58				0.47 ^D	
		27-Jul-18	3.3		0.41		0.23		0.3		0.28		1		0.32		0.32				0.27	
		24-Oct-18	0.9		0.37		0.39		0.47		0.38		0.44		0.34		0.31				0.29	
		16-Jan-19	0.87		0.64		0.61		0.61		0.67		0.72		0.7		0.62				0.55	
		12-Apr-19	0.54		0.4		0.39		0.45		0.41		0.43		0.37		0.42				0.47	
		29-Jul-19	0.30		0.21		0.17		0.19		0.2		0.26		0.22		0.2				0.22	
		29-Oct-19	NS		0.3		0.26		0.31		0.31		0.32		0.34		NS				0.27	
		1-Nov-19	0.35		NS		NS		NS		NS		NS		NS		0.26				NS	
		21-Jan-20	0.96		0.60		0.57		0.60		0.65		0.61		0.75		0.47					
		22-Apr-20	0.17</																			

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage		Cafeteria	Gymnasium	Elevator Hallway	Room 118	Room 110	Media Center (Rm 145)		Room 152	Room 116	Ambient Outdoor (AOA-1)			
			Room	Qual						Qual	Qual			Qual	Qual	Qual	Qual
Bromodichloromethane	0.034/0.13	10-Jan-18	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		11-Apr-18	0.067	U	0.067	U	0.067	U	0.067	U	0.130	U	0.067	U		0.67 ^D	U
		27-Jul-18	0.067	U	0.067	U	0.067	U	0.067	U	0.10	U	0.067	U		0.067	U
		24-Oct-18	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		16-Jan-19	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		12-Apr-19	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		29-Jul-19	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		29-Oct-19	NS		0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		1-Nov-19	0.067	U	NS	NS	NS	NS	NS	NS	NS	NS	0.067	U		NS	U
		21-Jan-20	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U		0.07	U
		22-Apr-20	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		23-Jul-20	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		29-Oct-20	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		19-Jan-21	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		15-Apr-21	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		21-Jul-21	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		20-Oct-21	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		31-Jan-22	0.067	U	0.067	U	0.067	U	0.067	U	0.07	U	0.067	U		0.067	U
		7-Apr-22	0.13		0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		28-Jul-22	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		18-Oct-22	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		24-Jan-23	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		19-Apr-23	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		28-Jul-23	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		25-Oct-23	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		9-Jan-24	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		25-Apr-24	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		4-Sep-24	0.096		0.067	U	0.067	U	0.067	U	0.067	U	0.067	U		0.067	U
		15-Oct-24	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U		0.134	U
		22-Nov-24	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	U		NS	U
		22-Jan-25	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U		0.134	U
		30-Apr-25	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U		0.134	U
Bromoform	0.55	10-Jan-18	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		11-Apr-18	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		1.0 ^P	U
		27-Jul-18	0.21	U	0.21	U	0.21	U	0.21	U	0.31	U	0.21	U		0.21	U
		24-Oct-18	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		16-Jan-19	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		12-Apr-19	0.10	U	0.10	U	0.10	U	0.10	U	0.1	U	0.10	U		0.10	U
		29-Jul-19	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		29-Oct-19	NS		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		1-Nov-19	0.21	U	NS	NS	NS	NS	NS	NS	NS	NS	0.21	U		NS	U
		21-Jan-20	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		22-Apr-20	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		23-Jul-20	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		29-Oct-20	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		19-Jan-21	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		15-Apr-21	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		21-Jul-21	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		20-Oct-21	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		31-Jan-22	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		7-Apr-22	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		28-Jul-22	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		18-Oct-22	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		24-Jan-23	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		19-Apr-23	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		18-Jul-23	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		25-Oct-23	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		9-Jan-24	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		25-Apr-24	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		4-Sep-24	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U
		15-Oct-24	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U		0.207	U
		22-Nov-24	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	U		NS	U
		22-Jan-25	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U		0.207	U
		30-Apr-25	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U		0.207	U
2-Butanone	500.0	10-Jan-18	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		11-Apr-18	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		12 ^D	U
		27-Jul-18	3.90		2.4	U	2.4	U	2.4	U	3.5	U	3.5	U		2.4	U
		24-Oct-18	2.40	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		16-Jan-19	2.40	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		12-Apr-19	2.40	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		29-Jul-19	2.40	U	2.9	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		29-Oct-19	NS		2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		1-Nov-19	2.4	U	NS	NS	NS	NS	NS	NS	NS	NS	2.4	U		NS	U
		21-Jan-20	2.40	U	2.40	U	2.40	U	2.40	U	2.40	U	2.40	U		2.40	U
		22-Apr-20	2.40	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		23-Jul-20	2.40	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		29-Oct-20	2.40	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		19-Jan-21	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		15-Apr-21	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		21-Jul-21	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		20-Oct-21	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		31-Jan-22	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		7-Apr-22	2.40	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		28-Jul-22	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	3.5	U		2.4	U
		18-Oct-22	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		24-Jan-23	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		19-Apr-23	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		18-Jul-23	2.5		2.4	U	2.4	U	2.4	U	2.4	U	2.4	U		2.4	U
		25-Oct-23	25		2.4	U	2.4	U	2.4	U	2.4	U	2.8	U		2.4	U
		9-Jan-24	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U					

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage																		
			Room		Cafeteria	Gymnasium	Elevator Hallway	Room 118	Room 110	Media Center (Rm 145)	Room 152	Room 116	Ambient Outdoor (AOA-1)								
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual								
n-Butylbenzene	73.0	10-Jan-18	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		11-Apr-18	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	1.6 ^D	U	
		27-Jul-18	0.32	U	0.32	U	0.32	U	0.32	U	0.47	U	0.32	U	0.32	U	0.32	U	0.32	U	
		24-Oct-18	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		16-Jan-19	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		12-Apr-19	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		29-Jul-19	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		29-Oct-19	NS		0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	NS		0.32	U	0.32	U	
		1-Nov-19	0.32	U	NS		NS	NS	NS	NS	NS	NS	NS	0.32	U	NS		NS		NS	U
		21-Jan-20	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		22-Apr-20	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		23-Jul-20	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		29-Oct-20	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		19-Jan-21	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		15-Apr-21	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		21-Jul-21	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	
		20-Oct-21	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		31-Jan-22	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		7-Apr-22	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		28-Jul-22	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		18-Oct-22	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		24-Jan-23	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		19-Apr-23	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		18-Jul-23	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		25-Oct-23	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		9-Jan-24	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		25-Apr-24	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		4-Sep-24	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	
		15-Oct-24	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	
		22-Nov-24	NS		NS		NS	NS	NS	NS	NS	NS	NS		NS		1.1	U	NS		
		22-Jan-25	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	
		30-Apr-25	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	
sec-Butylbenzene	73.0	10-Jan-18	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		11-Apr-18	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			1.3 ^D	U	
		27-Jul-18	0.25	U	0.25	U	0.25	U	0.25	U	0.38	U	0.38	U	0.25	U			0.25	U	
		24-Oct-18	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		16-Jan-19	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		12-Apr-19	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		29-Jul-19	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		29-Oct-19	NS		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		1-Nov-19	0.25	U	NS		NS	NS	NS	NS	NS	NS	NS	0.25	U	NS			NS		
		21-Jan-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		22-Apr-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		23-Jul-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		29-Oct-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		19-Jan-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		15-Apr-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		21-Jul-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		20-Oct-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		31-Jan-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		7-Apr-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		28-Jul-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		18-Oct-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		24-Jan-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		19-Apr-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		18-Jul-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		25-Oct-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		9-Jan-24	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U	
		25-Apr-24	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U		0.25	U	0.25	U
		4-Sep-24	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U		0.25	U	0.25	U
		15-Oct-24	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U		1.1	U	1.1	U
		22-Nov-24	NS		NS		NS	NS	NS	NS	NS	NS	NS		NS		1.1	U	NS		
		22-Jan-25	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U		1.1	U	1.1	U
		30-Apr-25	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U		1.1	U	1.1	U
Carbon tetrachloride	0.5	10-Jan-18	0.39		0.35		0.36		0.37		0.35		0.37		0.36		0.35		0.36		
		11-Apr-18	0.50		0.48		0.47		0.49		0.45		0.52		0.47		0.41		0.48		
		27-Jul-18	0.43		0.50		0.43		0.46		0.48		0.47		0.44		0.45		0.42		
		24-Oct-18	0.47		0.46		0.49		0.46		0.48		0.47		0.48		0.47		0.46		
		16-Jan-19	0.44		0.42		0.4		0.41		0.41		0.41		0.43		0.39		0.43		
		12-Apr-19	0.45		0.51		0.41		0.48		0.45		0.46		0.4		0.42		0.44		
		29-Jul-19	0.47		0.44		0.39		0.46		0.46		0.46		0.46		0.44		0.44		
		29-Oct-19	NS		0.45		0.46		0.45		0.45		0.45		0.45		NS		0.47		
		1-Nov-19	0.43		NS		NS		NS		NS		NS		NS		0.43		NS		
		21-Jan-20	0.41		0.39		0.40		0.43		0.43		0.42		0.42		0.41		0.43		
		22-Apr-20	0.4		0.40		0.39		0.4		0.4		0.4		0.36		0.39		0.38		
		23-Jul-20	0.39		0.40		0.39		0.39		0.42		0.44		0.41	</					

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage		Cafeteria	Gymnasium	Elevator Hallway	Room 118	Room 110	Media Center (Rm 145)		Room 152	Room 116	Ambient Outdoor (AOA-1)					
			Room	Qual						Qual	Qual			Qual	Qual	Qual	Qual	Qual	Qual
Chlorobenzene	37.0	10-Jan-18	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		11-Apr-18	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.46 ^D	U			
		27-Jul-18	0.092	U	0.092	U	0.092	U	0.14	U	0.14	U	0.092	U	0.092	U			
		24-Oct-18	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		16-Jan-19	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		12-Apr-19	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		29-Jul-19	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		29-Oct-19	NS		0.092	U	0.092	U	0.092	U	0.092	U	NS		0.092	U			
		1-Nov-19	0.092	U	NS		NS		NS		NS		0.092	U	NS				
		21-Jan-20	0.09		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U			
		22-Apr-20	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		23-Jul-20	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		29-Oct-20	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		19-Jan-21	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		15-Apr-21	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		21-Jul-21	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		20-Oct-21	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		31-Jan-22	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		7-Apr-22	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		28-Jul-22	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		18-Oct-22	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		24-Jan-23	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		19-Apr-23	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		18-Jul-23	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		25-Oct-23	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		9-Jan-24	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		25-Apr-24	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		4-Sep-24	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U			
		15-Oct-24	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U			
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS				
		22-Jan-25	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U			
		30-Apr-25	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U			
Chloroethane	500.0	10-Jan-18	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		11-Apr-18	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.26 ^D	U			
		27-Jul-18	0.053	U	0.053	U	0.053	U	0.053	U	0.079	U	0.053	U	0.053	U			
		24-Oct-18	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		16-Jan-19	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		12-Apr-19	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		29-Jul-19	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		29-Oct-19	NS		0.053 ^L	U	0.053 ^L	U	0.053 ^L	U	0.053 ^L	U	NS		0.053 ^L	U			
		1-Nov-19	0.053 ^L	U	NS		NS		NS		NS		0.053 ^L	U	NS				
		21-Jan-20	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U			
		22-Apr-20	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		23-Jul-20	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		29-Oct-20	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		19-Jan-21	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		15-Apr-21	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		21-Jul-21	0.053	U	0.053	U	0.053	U	0.055	U	0.053	U	0.053	U	0.061				
		20-Oct-21	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		31-Jan-22	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		7-Apr-22	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		28-Jul-22	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		18-Oct-22	0.053	U	0.075		0.088		0.13	U	0.053	U	0.057	U	0.085	U			
		24-Jan-23	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		19-Apr-23	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		18-Jul-23	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.17				
		25-Oct-23	0.069	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		9-Jan-24	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		25-Apr-24	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		4-Sep-24	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U			
		15-Oct-24	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U			
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS				
		22-Jan-25	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U			
		30-Apr-25	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U			
Chloroform	0.5	10-Jan-18	0.79		0.35		0.13		0.16		0.31		0.17		0.15				
		11-Apr-18	0.92		0.31		0.13		0.18		0.13		0.12		0.13				
		27-Jul-18	0.12		0.8		0.12		0.49		0.2		0.23		0.18				
		24-Oct-18	0.47		0.12		0.049	U	0.19		0.11		0.41		0.049	U			
		16-Jan-19	0.99		0.16		0.049	U	0.12		0.1		0.17		0.049	U			
		12-Apr-19	0.65		0.37		0.11		0.25		0.17		0.18		0.15				
		29-Jul-19	0.38		0.21		0.096		0.21		0.21		0.22		0.34				
		29-Oct-19	NS		0.14		0.11		0.24		0.19		0.2		NS				
		1-Nov-19	0.81		NS		NS		NS		NS		NS		NS				
		21-Jan-20	0.05	U	0.18		0.10		0.11		0.13		0.14		0.09				
		22-Apr-20	0.1		0.049	U	0.049	U	0.049	U	0.049	U	0.049	U	0.049	U			
		23-Jul-20	0.59		0.2		0.12		0.16		0.16		0.14		0.17				
		29-Oct-20	0.57		0.47		0.29		0.28		0.35		0.049	U	0.42				
		19-Jan-21	0.32		0.23		0.049	U	0.049	U	0.11		0.1		0.049	U			
		15-Apr-21	0.049	U	0.2		0.092		0.1	U	0.096		0.08		0.049	U			
		21-Jul-21	0.1		0.23		0.24		0.13		0.3		0.29		0.29				
		20-Oct-21	0.092		0.14		0.13		0.14		0.16		0.19		0.15				
		31-Jan-22	0.34		0.29		0.16		0.2		0.15		0.24		0.18				
		7-Apr-22	1.3		0.62		0.11		0.12		0.13		0.098		0.12				
		28-Jul-22	0.15		0.17		0.16		0.16		0.13		0.18		0.1				
		18-Oct-22	0.15		0.51		0.09		0.12		0.088		0.13		0.12				
24-Jan-23	0.6		0.16		0.14		0.19		0.17		0.12		0.14						
19-Apr-23	0.26		0.08		0.053		0.055		0.19		0.1		0.053						
18-Jul-23	0.082		0.13		0.074		0.09		0.094		0.092		0.086						
25-Oct-23	1.6		0.23		0.14		0.19		0.19		0.2		0.72						
9-Jan-24	0.64		0.28		0.24		0.36		0.31		0.31		0.17						
25-Apr-24	0.24		0.2		0.057		0.1												

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)			
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
Chloromethane	14.0	10-Jan-18	1.10		1.10		0.99		1.10		1.20		1.30		1.20		1.30		1.30				0.98	
		11-Apr-18	1.60		1.50		1.30		1.30		1.50		1.80		1.50		1.70		1.70				1.3	
		27-Jul-18	1.4		1.2		1		1.3		1.4		1.3		1.6		1.9		1.9				1.1	
		24-Oct-18	0.99		1		0.94		1.1		1.1		1.4		1.1		1.1		1.1				0.95	
		16-Jan-19	1.4		1.0		0.93		1		1		1.1		1.1		1		1				1.3	
		12-Apr-19	1.3 ^v		1.2 ^v		1.4 ^v		1.3 ^v		1.2 ^v		1.3 ^v		1.3 ^v		1.6 ^v		1.6 ^v				1.2 ^v	
		29-Jul-19	0.083	U	0.083	U	0.083		0.083		0.083	U	0.083	U	0.083	U	0.083	U	0.083	U			1.2	
		29-Oct-19	NS		1.1		0.94		0.083	U	0.083	U	0.083	U	0.99		NS		NS				1	
		1-Nov-19	0.083	U	NS		NS		NS		NS		NS		NS		NS		1.1				NS	
		21-Jan-20	0.08	U	0.08	U	1.20		1.20		0.08	U	1.60	U	0.08	U	1.30		1.30				1.10	
		22-Apr-20	1		1.0		1.1		1		1.1		1.1		1.2		1.1		1.1				1	
		23-Jul-20	1.3		0.1	U	1.1		1.3		0.083	U	1.2		0.083	U	0.083	U	0.083	U			1.1	
		29-Oct-20	0.083	U	0.1	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U			0.083	U
		19-Jan-21	1		1	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U			1	
		15-Apr-21	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U			0.083	U
		21-Jul-21	1.1		1		1		1		1.4		1.1		1.3		1		1				1.1	
		20-Oct-21	1.1		1.2		1.1		1.2		1.2		1.1		1.1		1.2		1.2				1.1	
		31-Jan-22	1		0.99		0.96		0.95		0.97		0.95		1		0.98						0.99	
		7-Apr-22	1.1		1.1		1		1.1		1.1		1.1		1.2		1.1		1.1				1.1	
		28-Jul-22	1.2		1.3		1.2		1.2		1.3		1.2		0.87		1.1		1.1				1.3	
		18-Oct-22	0.92		1		1		0.96		0.9		1.1		0.98		1.3						0.88	
		24-Jan-23	1.3		1.2		1.2		1.2		1.3		1.3		1.3		1.4						0.88	
		19-Apr-23	1		1		1.1		1		1.1		1		1		1.2						1	
		18-Jul-23	1.1		1.1		1.1		1.1		1.2		1.1		1.5		1.7						1.7	
		25-Oct-23	1.3		1.1		1.1		1.3		1.4		1.4		1.4		1.8						1.3	
		9-Jan-24	0.91		0.92		0.9		0.93		0.97		1.1		0.91		0.93						0.91	
		25-Apr-24	1.1		1		1.2		1.1		1.2		1.3		1.2		1.3				1.2		1.1	
		4-Sep-24	1.3		1.2		1.2		1.2		1.4		1.6		1.2		1.6						0.73	
		15-Oct-24	1.35		0.971		0.892		0.929		1.06		1.18		0.878		1.15				1.16		0.89	
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS				0.973		NS	
		22-Jan-25	1.07		0.956		0.931		1.03		1.06		1.23		0.931		1.08				1.25		0.956	
		30-Apr-25	1.14		1.17		1.12		1.14		1.28		1.3		1.22		1.16				1.25		1.06	
		Dibromochloromethane	None	10-Jan-18	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		
11-Apr-18	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.170	U	0.085	U	0.085	U	0.085	U			0.85 ^D	U
27-Jul-18	0.085			U	0.085	U	0.085	U	0.085	U	0.13	U	0.13	U	0.085	U	0.085	U	0.085	U			0.085	U
24-Oct-18	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
16-Jan-19	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
12-Apr-19	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
29-Jul-19	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
29-Oct-19	NS				0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	NS		NS		NS				0.085	U
1-Nov-19	0.085			U	NS		NS		NS		NS		NS		NS		NS		NS				NS	
21-Jan-20	0.09			U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U			0.09	U
22-Apr-20	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
23-Jul-20	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
29-Oct-20	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
19-Jan-21	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
15-Apr-21	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
21-Jul-21	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
20-Oct-21	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
31-Jan-22	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
7-Apr-22	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
28-Jul-22	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
18-Oct-22	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
24-Jan-23	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
19-Apr-23	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
18-Jul-23	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
25-Oct-23	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
9-Jan-24	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U			0.085	U
25-Apr-24	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085		0.085	U
4-Sep-24	0.085			U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085		0.085	U
15-Oct-24	0.17			U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
22-Nov-24	NS				NS		NS		NS		NS		NS		NS		NS		NS		0.17	U	NS	U
22-Jan-25	0.17			U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
30-Apr-25	0.17			U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Dibromoethane (EDB)	0.0028/0.15			10-Jan-18	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U		
		11-Apr-18	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.150	U	0.077	U	0.077	U	0.077	U			0.77 ^D	U
		27-Jul-18	0.077	U	0.077	U	0.077	U	0.077	U	0.12	U	0.12	U	0.077	U	0.077	U	0.077	U			0.077	U
		24-Oct-18	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U			0.077	U
		16-Jan-19	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U			0.077	U
		12-Apr-19	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U			0.077	U
		29-Jul-19	0.077	U	0.077	U	0.077	U	0.077	U	0.092	U	0.077	U	0.077	U	0.098	U	0.077	U			0.077	U
		29-Oct-19	NS		0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U								

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)			
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual			
1,2-Dichlorobenzene	73.0	10-Jan-18	0.12		0.12		0.12		0.12		0.12		0.12		0.12		0.12		0.12			0.12		
		11-Apr-18	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.6 ^D	U	
		27-Jul-18	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.18	U	0.18	U	0.12	U	0.12	U		0.12	U	
		24-Oct-18	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		16-Jan-19	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		12-Apr-19	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		29-Jul-19	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		29-Oct-19	NS		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	NS			0.12	U	
		1-Nov-19	0.12	U	NS		NS		NS		NS		NS		NS		NS		0.12	U		NS		
		21-Jan-20	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		22-Apr-20	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		23-Jul-20	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		29-Oct-20	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		19-Jan-21	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		15-Apr-21	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		21-Jul-21	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		20-Oct-21	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		31-Jan-22	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		7-Apr-22	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		28-Jul-22	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		18-Oct-22	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		24-Jan-23	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		19-Apr-23	0.12 ^V	U	0.12 ^V	U	0.12 ^V	U	0.12 ^V	U	0.12 ^V	U	0.12 ^V	U	0.12 ^V	U	0.12 ^V	U	0.12 ^V	U			0.12 ^V	U
		18-Jul-23	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U				U
		25-Oct-23	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U			0.12	U
		9-Jan-24	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U			0.12	U
		25-Apr-24	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		U
		4-Sep-24	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
		15-Oct-24	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.12	U	NS	
		22-Jan-25	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
		30-Apr-25	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
1,3-Dichlorobenzene	73.0	10-Jan-18	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		11-Apr-18	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.6 ^D	U	
		27-Jul-18	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.18	U	0.18	U	0.12	U	0.12	U		0.12	U	
		24-Oct-18	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		16-Jan-19	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		12-Apr-19	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		29-Jul-19	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		29-Oct-19	NS		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	NS			0.12	U	
		1-Nov-19	0.12	U	NS		NS		NS		NS		NS		NS		NS		0.12	U		NS		
		21-Jan-20	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		22-Apr-20	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		23-Jul-20	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		29-Oct-20	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		19-Jan-21	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		15-Apr-21	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		21-Jul-21	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		20-Oct-21	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		31-Jan-22	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		7-Apr-22	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		28-Jul-22	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		18-Oct-22	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		24-Jan-23	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		19-Apr-23	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		18-Jul-23	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		25-Oct-23	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		9-Jan-24	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		0.12	U	
		25-Apr-24	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		U
		4-Sep-24	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.16	U
		15-Oct-24	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.12	U	NS	
		22-Jan-25	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
		30-Apr-25	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)			
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
Dichlorodifluoromethane	91.0	10-Jan-18	0.67		0.69		0.65		0.69		0.69		0.72		0.69		0.70					0.65		
		11-Apr-18	1.1		1.1		1.2		1.0		1.30		1.1		1.4		1.1					2.2		
		27-Jul-18	0.8		0.78		0.78		0.97		1		0.96		0.99		0.93					0.79		
		24-Oct-18	0.66		0.61		0.62		0.68		0.63		0.67		0.75		0.69					0.6		
		16-Jan-19	0.89		0.74		0.73		0.76		0.83		0.84		0.85		0.82					0.94		
		12-Apr-19	0.84 ^{LV}		0.75 ^{LV}		0.95		0.89 ^{LV}		0.81 ^{LV}		0.77 ^{LV}		0.89 ^{LV}		0.88 ^{LV}					0.81 ^{LV}		
		29-Jul-19	1.5		1.5		1.2		1.4		0.099	U	1.5		1.3		0.099		U			1.40		
		29-Oct-19	NS		1.4		1.4		1.4		0.099	U	0.099	U	1.4		NS					1.40		
		1-Nov-19	0.099	U	NS		NS		NS		NS		NS		NS		NS					NS		
		21-Jan-20	2.3		2.60		2.40		2.40		2.60		2.50		2.40		2.30					2.50		
		22-Apr-20	1.2		1.2		1.2		1.2		1.2		1.2		1.2		1.2					1.20		
		23-Jul-20	1.2		1.1		1.1		1.2		1.2		1.1		1.2		1.2					1.20		
		29-Oct-20	0.099	U	0.099	U	0.099	U	2.7		0.099		0.099	U	0.099	U	0.099	U		U		2.70		
		19-Jan-21	1		1.1		1		0.89		1		0.98		0.93		0.96					0.94		
		15-Apr-21	1.8		1.8		1.9		1.8		1.8		1.7		1.8		1.7					1.80		
		21-Jul-21	1.9		2		1.9		1.9		1.8		2		2		2					2.10		
		20-Oct-21	2.6		2.5		2.4		2.5		2.5		2.4		2.6		2.6					2.50		
		31-Jan-22	0.86		0.78		0.87		0.79		0.84		0.73		0.88		0.88					0.84		
		7-Apr-22	2.2		2.2		2.2		2.1		2.2		2.3		2.2		2.2					2.2		
		28-Jul-22	0.79		0.88		0.89		0.75		0.78		0.78		0.46		0.58					0.86		
		18-Oct-22	2.2		2.1		2.7		2.3		2.3		2.4		2.2		2.2					2.3		
		24-Jan-23	2.6		2.8		2.6		2.6		2.6		2.6		2.8		2.5					2.3		
		19-Apr-23	0.65		0.64		0.66		0.71		0.65		0.73		0.71		0.64					0.75		
		18-Jul-23	0.59		0.58		0.63		0.59		0.6		0.54		0.59		0.61					0.55		
		25-Oct-23	0.91		0.91		0.95		1.2		1.3		1.1		1.1		1.3					1.3		
		9-Jan-24	1.1		0.97		0.98		1.1		1.1		1		1.1		1					0.94		
		25-Apr-24	1.6		1.7		1.7		1.7		1.6		1.6		1.6		1.6				1.6			
		4-Sep-24	1.1		1.1		1.2		1.1		1.2		1.2		1.2		1.1			1.6	1.1	0.62		
		15-Oct-24	2.25		2.28		2.41		2.43		2.48		2.47		2.42		2.4				2.47	2.19		
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS				2.38	NS		
		22-Jan-25	1.54		1.51		1.6		1.6		1.62		1.61		1.56		1.59					1.64		
		30-Apr-25	2.41		2.43		2.43		2.43		2.41		2.45		2.5		2.37				2.44	2.34		
1,1-Dichloroethane	77.0	10-Jan-18	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		11-Apr-18	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.081	U	0.040	U	0.040	U				0.4 ^D	U	
		27-Jul-18	0.040	U	0.040	U	0.040	U	0.040	U	0.061	U	0.061	U	0.040	U	0.040	U				0.040	U	
		24-Oct-18	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		16-Jan-19	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		12-Apr-19	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		29-Jul-19	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		29-Oct-19	NS		0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	NS					0.040	U	
		1-Nov-19	0.04	U	NS		NS		NS		NS		NS		NS		0.04					NS		
		21-Jan-20	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		22-Apr-20	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		23-Jul-20	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		29-Oct-20	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		19-Jan-21	0.04	U	0.04	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		15-Apr-21	0.04	U	0.04	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		21-Jul-21	0.04	U	0.04	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		20-Oct-21	0.04	U	0.04	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		31-Jan-22	0.04	U	0.04	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		7-Apr-22	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		28-Jul-22	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		18-Oct-22	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		24-Jan-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		19-Apr-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		18-Jul-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		25-Oct-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		9-Jan-24	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		25-Apr-24	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	0.04	0.04	U	
		4-Sep-24	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	0.04	0.04	U	
		15-Oct-24	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U		0.079	0.079	0.079	U	
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS			0.079	0.079	NS	U	
		22-Jan-25	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U		0.081	0.081	0.081	U	
		30-Apr-25	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U		0.721	0.721	0.721	U	
1,2-Dichloroethane	0.07/0.08	10-Jan-18	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U	
		11-Apr-18	0.040	U	0.040	U	0.040	U	0.071		0.040	U	0.081	U	0.040	U	0.040	U				0.4 ^D	U	
		27-Jul-18	0.040	U	0.040	U	0.040	U	0.040	U	0.061	U	0.061	U	0.040	U	0.040	U				0.040	U	
		24-Oct-18	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		16-Jan-19	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		12-Apr-19	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U				0.040	U	
		29-Jul-19																						

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)			
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		
1,1-Dichloroethylene	10.0	10-Jan-18	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		11-Apr-18	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.079	U	0.040	U	0.040	U	0.040	U		0.4 ^D	U	
		27-Jul-18	0.040	U	0.040	U	0.040	U	0.040	U	0.059	U	0.059	U	0.040	U	0.040	U	0.040	U		0.040	U	
		24-Oct-18	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		16-Jan-19	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		12-Apr-19	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		29-Jul-19	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		29-Oct-19	NS		0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	NS			0.040	U	
		1-Nov-19	0.04	U	NS		NS		NS		NS		NS		NS		NS		0.04	U		NS		
		21-Jan-20	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		22-Apr-20	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		23-Jul-20	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		29-Oct-20	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		19-Jan-21	0.04	U	0.04	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		15-Apr-21	0.04	U	0.04	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		21-Jul-21	0.13		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U		0.079	U	
		20-Oct-21	0.04	U	0.04	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		31-Jan-22	0.04	U	0.04	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		7-Apr-22	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		28-Jul-22	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		18-Oct-22	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		24-Jan-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		19-Apr-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		18-Jul-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		25-Oct-23	0.079		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		9-Jan-24	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		25-Apr-24	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.043	U	0.04	U	0.04	U	0.04		0.04	U
		4-Sep-24	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
		15-Oct-24	0.163		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.079	U	NS	
		22-Jan-25	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		30-Apr-25	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
cis-1,2-Dichloroethene*	18.0	10-Jan-18	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		11-Apr-18	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.079	U	0.040	U	0.040	U	0.040	U		0.40 ^D	U	
		27-Jul-18	0.040	U	0.040	U	0.040	U	0.040	U	0.059	U	0.059	U	0.040	U	0.040	U	0.040	U		0.040	U	
		24-Oct-18	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		16-Jan-19	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		12-Apr-19	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		29-Jul-19	0.054		0.040	U	0.040	U	0.040	U	0.057	U	0.04	U	0.040	U	0.056	U	0.040	U		0.040	U	
		29-Oct-19	NS		0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.040	U	NS		0.040	U		0.040	U	
		1-Nov-19	0.04	U	NS		NS		NS		NS		NS		NS		NS		0.04	U		NS		
		21-Jan-20	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		22-Apr-20	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		23-Jul-20	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		29-Oct-20	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		19-Jan-21	0.04	U	0.04	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		15-Apr-21	0.04	U	0.04	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		21-Jul-21	0.04	U	0.04	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		20-Oct-21	0.04	U	0.04	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		31-Jan-22	0.04	U	0.04	U	0.040	U	0.040	U	0.040	U	0.04	U	0.04	U	0.040	U	0.040	U		0.040	U	
		7-Apr-22	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		28-Jul-22	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		18-Oct-22	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		24-Jan-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		19-Apr-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		18-Jul-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		25-Oct-23	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		9-Jan-24	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U	
		25-Apr-24	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04		0.04	U
		4-Sep-24	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
		15-Oct-24	0.44		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.079	U	NS	
		22-Jan-25	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)		
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	
1,2-Dichloropropane	0.13	10-Jan-18	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U				0.046	U
		11-Apr-18	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.092	U	0.046	U	0.046	U				0.046 ^b	U
		27-Jul-18	0.046	U	0.046	U	0.046	U	0.046	U	0.069	U	0.069	U	0.046	U	0.046	U				0.046	U
		24-Oct-18	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		16-Jan-19	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		12-Apr-19	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		29-Jul-19	0.046	U	0.091	U	0.046	U	0.078	U	0.079	U	0.12	U	0.091	U	0.046	U				0.046	U
		29-Oct-19	NS	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	NS	U				0.046	U
		1-Nov-19	0.046	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.046	U				NS	U
		21-Jan-20	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U				0.05	U
		22-Apr-20	0.092 ^L	U	0.092 ^L	U	0.092 ^L	U	0.092 ^L	U	0.092 ^L	U	0.092 ^L	U	0.092 ^L	U	0.092 ^L	U				0.092 ^L	U
		23-Jul-20	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		29-Oct-20	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		19-Jan-21	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U				0.092	U
		15-Apr-21	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		21-Jul-21	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		20-Oct-21	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		31-Jan-22	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		7-Apr-22	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		28-Jul-22	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		18-Oct-22	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U
		24-Jan-23	0.046	U	0.046	U	0.046	U	0.046	U	0.0												

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)				
			Room																						
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		
Ethylbenzene	53.0	10-Jan-18		0.29		0.56		0.47		0.53		0.24		0.25		0.58		0.30					0.087	U	
		11-Apr-18		0.26		0.20		0.17		0.19		0.15		0.16		0.14		0.19					0.43 ^D	U	
		27-Jul-18		0.12		0.16		0.17		0.17		0.13	U	1.1		0.17		0.15					0.11		
		24-Oct-18		0.43		0.15		0.19		0.2		0.13		0.22		0.11		0.087		U			0.11		
		16-Jan-19		0.26		0.2		0.2		0.19		0.21		0.24		0.22		0.13					0.094		
		12-Apr-19		0.18		0.1		0.087	U	0.11		0.097		0.092		0.12		0.12					0.099		
		29-Jul-19		0.29		0.14		0.13		0.17		0.19		0.22		0.24		0.14					0.14		
		29-Oct-19		NS		0.11		0.11		0.13		0.13		0.14		0.14		NS					0.11		
		1-Nov-19		0.17		NS		NS		NS		NS		NS		NS		0.21					NS		
		21-Jan-20		0.19		0.15		0.18		0.16		0.17		0.19		0.15		0.12					0.14		
		22-Apr-20		0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U		0.087	U	
		23-Jul-20		0.14		0.09		0.11		0.1		0.13		0.1		0.15		0.14					0.087	U	
		29-Oct-20		0.39		0.39		0.34		0.44		0.45		0.44		0.5		0.59					0.44		
		19-Jan-21		0.087	U	0.087	U	0.087	U	0.087	U	0.087		0.087	U	0.087	U	0.087	U				0.087	U	
		15-Apr-21		0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U		0.087	U	
		21-Jul-21		0.19		0.25		0.23		0.16		0.34		0.32		0.34		0.31					0.15		
		20-Oct-21		0.51		0.096		0.12		0.12		0.12		0.13		0.12		0.11					0.087	U	
		31-Jan-22		0.5		0.52		0.41		0.52		0.44		0.53		0.46		0.5					0.087	U	
		7-Apr-22		0.17		0.15		0.16		0.15		0.16		0.14		0.15		0.14					0.1	U	
		28-Jul-22		0.16		0.14		0.16		0.16		0.14		0.19		0.11		0.18					0.11		
		18-Oct-22		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.2		0.17	U	0.21					0.17	U	
		24-Jan-23		0.16		0.11		0.11		0.15		0.12		0.14		0.19		0.19					0.087	U	
		19-Apr-23		0.35		0.087		0.15		0.23		0.17		0.11		0.087	U	0.18					0.15		
		18-Jul-23		0.15		0.16		0.17		0.17		0.22		0.31		0.21		0.32					0.27		
		25-Oct-23		2.9		0.33		0.28		0.29		0.31		0.36		1.5		0.31					0.097		
		9-Jan-24		0.38		0.28		0.28		0.43		0.5		0.48		0.25		0.55					0.087	U	
		25-Apr-24		3.3		0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	0.087	U	
		4-Sep-24		0.49		0.42		0.39		0.47		0.54		0.5		0.43		0.56					0.6		
		15-Oct-24		0.087		0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.091					0.478		
		22-Nov-24		NS		NS		NS		NS		NS		NS		NS		NS					NS		
		22-Jan-25		0.122		0.104		0.104		0.122		0.143		0.13		0.087		0.117					0.361		
		30-Apr-25		0.087	U	0.287		0.087	U	0.087	U	0.087	U	0.087	U	0.091		0.087	U	0.087	U	0.087	0.087	U	
Isopropylbenzene	120.0	10-Jan-18		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		11-Apr-18		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				1.2 ^D	U	
		27-Jul-18		0.25	U	0.25	U	0.25	U	0.25	U	0.37	U	0.79	U	0.25	U	0.25	U				0.25	U	
		24-Oct-18		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		16-Jan-19		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		12-Apr-19		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		29-Jul-19		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		29-Oct-19		NS		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	NS					0.25	U	
		1-Nov-19		0.25	U	NS		NS		NS		NS		NS		NS		0.25	U				NS		
		21-Jan-20		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		22-Apr-20		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		23-Jul-20		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		29-Oct-20		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		19-Jan-21		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		15-Apr-21		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		21-Jul-21		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		20-Oct-21		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		31-Jan-22		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		7-Apr-22		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		28-Jul-22		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		18-Oct-22		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		24-Jan-23		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		19-Apr-23		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		18-Jul-23		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		25-Oct-23		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		9-Jan-24		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		25-Apr-24		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U	
		4-Sep-24		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U		0.25	U		0.25	U
		15-Oct-24		0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
		22-Nov-24		NS		NS		NS		NS		NS		NS		NS		NS					0.983	U	
		22-Jan-25		0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
		30-Apr-25		0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
p-Isopropyltoluene	67.0	10-Jan-18		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.27	U	0.25	U	0.25	U				0.25	U	
		11-Apr-18		0.25	U																				

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)				
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual				
thyl tert butyl ether (MTB)	160.0	10-Jan-18	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		11-Apr-18	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.36 ^D	U		
		27-Jul-18	0.072	U	0.072	U	0.072	U	0.072	U	0.11	U	0.95	U	0.072	U	0.072	U	0.072	U		0.072	U		
		24-Oct-18	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		16-Jan-19	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		12-Apr-19	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		29-Jul-19	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		29-Oct-19	NS		0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	NS			0.072	U		
		1-Nov-19	0.072	U	NS		NS		NS		NS		NS		NS		NS		0.072	U		NS			
		21-Jan-20	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U		0.07	U		
		22-Apr-20	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		23-Jul-20	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		29-Oct-20	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		19-Jan-21	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		15-Apr-21	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		21-Jul-21	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		20-Oct-21	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		31-Jan-22	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		7-Apr-22	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		28-Jul-22	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		18-Oct-22	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U		0.14	U		
		24-Jan-23	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		19-Apr-23	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		18-Jul-23	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		25-Oct-23	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		9-Jan-24	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U		0.072	U		
		25-Apr-24	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.13		0.072	U	0.072	U	0.072	U	0.072	U			
		4-Sep-24	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U			
		15-Oct-24	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U			
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.721	U			
		22-Jan-25	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U			
		30-Apr-25	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U			
Methylene chloride	3.0	10-Jan-18	0.69	U	0.69		0.69		0.76		1.0		0.69	U	0.74		0.70					0.69	U		
		11-Apr-18	1.30		0.70		0.92		0.90		4.8		0.69	U	0.69	U	1.00					3.5 ^D	U		
		27-Jul-18	1.2		1.3		0.85		0.69	U	1	U	1	U	0.69	U	0.9					0.69	U		
		24-Oct-18	0.69		0.69	U	0.69	U	0.69	U	1.3		0.69	U	0.69	U	0.69	U	U			0.69	U		
		16-Jan-19	0.69	U	0.69	U	0.69	U	0.69	U	0.87		0.69	U	0.69	U	0.72					0.69	U		
		12-Apr-19	1.5		1.4		2		1.6		1.2		1.1		1.5		1.3					1.2			
		29-Jul-19	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	U			5.4			
		29-Oct-19	NS		0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	NS					0.69	U		
		1-Nov-19	0.69	U	NS		NS		NS		NS		NS		NS		0.69					NS			
		21-Jan-20	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.89		0.69					0.89	U		
		22-Apr-20	4.1		44		1.9		4.7		5		3.8		7		4.2					2.4			
		23-Jul-20	0.69	U	1.4		1.3		2.1		0.69	U	0.69	U	0.69	U	0.69	U	U			0.69	U		
		29-Oct-20	2.9		0.69	U	0.79		0.75		0.93		0.88		1.2		1.1					0.69	U		
		19-Jan-21	0.94		0.85	U	0.69	U	0.7		0.76	U	0.71		1.1		2					1			
		15-Apr-21	1.2		0.92		0.69	U	1.1		0.69	U	0.69	U	0.78		0.69					0.69	U		
		21-Jul-21	0.72		0.84		0.99		0.69	U	0.81		0.72		0.83		0.69					0.69	U		
		20-Oct-21	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	U			0.69	U		
		31-Jan-22	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	U			0.69	U		
		7-Apr-22	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	U			0.69	U		
		28-Jul-22	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	1.5		0.69	U	0.69	U	U			0.69	U		
		18-Oct-22	0.69	U	0.74		1.2		0.86		0.69	U	0.84		0.72		1.1					0.69	U		
		24-Jan-23	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	1.3					0.69	U		
		19-Apr-23	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	U			0.69	U		
		18-Jul-23	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	U			0.69	U		
		25-Oct-23	5		0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	2.6		0.69	U	U			0.69	U		
		9-Jan-24	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	U			0.69	U		
		25-Apr-24	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	U	0.69			0.69	U	
		4-Sep-24	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	U	0.69	0.69	U		0.69	U
		15-Oct-24	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	U	1.74	U		1.74	U	
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS		U	1.74	U		NS		
		22-Jan-25	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	U	1.74	U		1.74	U	
		30-Apr-25	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	U	1.74	U		1.74	U	
4-Methyl-2-pentanone	37.0	10-Jan-18	0.082	U	0.09		0.820		0.082	U	0.08														

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)				
			Room	Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual					
Styrene	52.0	10-Jan-18	0.21		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		0.085	U		
		11-Apr-18	1.3 [†]		0.085 [†]	U	0.085 [†]	U	0.085 [†]	U	0.085 [†]	U	0.085 [†]	U	0.085 [†]	U	0.085 [†]	U	0.085 [†]	U		0.43 ^D	U		
		27-Jul-18	0.085	U	0.085	U	0.085	U	0.085	U	0.13	U	0.13	U	0.085	U	0.085	U	0.085	U		0.085	U		
		24-Oct-18	0.370		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.26	U	0.085	U	0.085	U		0.085	U		
		16-Jan-19	0.25 ^W		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U		
		12-Apr-19	0.77		0.085	U	0.085	U	0.100	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U	
		29-Jul-19	0.34		0.085	U	0.085	U	0.085	U	0.085	U	0.1	U	0.085	U	0.150	U	0.085	U		0.085	U		
		29-Oct-19	NS		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	NS	U	NS	U		0.085	U		
		1-Nov-19	0.6		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	0.085	U		NS	U		
		21-Jan-20	0.21		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		0.09	U		
		22-Apr-20	0.11		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U		
		23-Jul-20	0.71		0.085	U	0.085	U	0.085	U	0.085	U	0.099	U	0.085	U	0.190	U	0.100	U		0.085	U		
		29-Oct-20	0.36		0.085	U	0.099	0.089	0.12	0.085	U	0.085	U	0.085	U	0.085	U	0.130	U		0.130	U			
		19-Jan-21	0.17		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U		
		15-Apr-21	0.085	U	0.13	0.085	U	0.085	U	0.085	U	0.12	0.092	0.085	U	0.085	U	0.200	U		0.085	U			
		21-Jul-21	0.23		0.085	U	0.085	U	0.085	U	0.085	U	0.15	0.14	0.140	U	0.120	U		0.085	U				
		20-Oct-21	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U		
		31-Jan-22	0.2		0.14	0.085	U	0.110	0.085	U	0.085	U	0.095	0.100	0.120	U	0.120	U		0.085	U				
		7-Apr-22	0.34		0.1	0.085	U	0.085	U	0.085	U	0.09	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U		
		28-Jul-22	0.12		0.085	U	0.085	U	0.085	U	0.085	U	0.13	0.085	U	0.085	U	0.19	U		0.085	U			
		18-Oct-22	0.13 [†]		0.085	U	0.085	U	0.085	U	0.085	U	0.16 [†]	0.095 [†]	0.39 [†]	U	0.17	U		0.085	U				
		24-Jan-23	0.39		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.17	U		0.085	U				
		19-Apr-23	0.32		0.085	U	0.085	U	0.094	0.085	U	0.085	U	0.085	U	0.085	U	0.14	U		0.085	U			
		18-Jul-23	0.27		0.085	U	0.085	U	0.13	0.24	0.35	0.27	0.49	0.35	U										
		25-Oct-23	4.2		0.22	0.17	0.097	0.18	0.32	4.4	0.22														
		9-Jan-24	0.35		0.13	0.085	U	0.12	0.25	0.16	0.085	U	0.16	0.085	U	0.16	U								
		25-Apr-24	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.16	0.14	0.13	0.29	U								
		4-Sep-24	0.26		0.094	0.085	U	0.11	0.16	0.14	0.13	0.29	U												
		15-Oct-24	0.094		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U					
		22-Nov-24	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U							
		22-Jan-25	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U					
		30-Apr-25	0.085	U	0.307	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.098	U	0.085	U	0.085	U				
1,1,1,2-Tetrachloroethane	0.082/0.14	10-Jan-18	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		11-Apr-18	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				1.2 ^D	U		
		27-Jul-18	0.25	U	0.25	U	0.25	U	0.25	U	0.37	U	0.37	U	0.25	U	0.25	U				0.25	U		
		24-Oct-18	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		16-Jan-19	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		12-Apr-19	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		29-Jul-19	0.25 ^L	U	0.25 ^L	U	0.25 ^L	U	0.25 ^L	U	0.25 ^L	U	0.25 ^L	U	0.25 ^L	U	0.25 ^L	U				0.25 ^L	U		
		29-Oct-19	NS		0.25 ^L	U	0.25 ^L	U	0.25 ^L	U	0.25 ^L	U	0.25 ^L	U	0.25 ^L	U	NS	U				0.25 ^L	U		
		1-Nov-19	0.25 ^L	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U				NS	U		
		21-Jan-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		22-Apr-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		23-Jul-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		29-Oct-20	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		19-Jan-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		15-Apr-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		21-Jul-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		20-Oct-21	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		31-Jan-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		7-Apr-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		28-Jul-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		18-Oct-22	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		24-Jan-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		19-Apr-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		18-Jul-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		25-Oct-23	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		9-Jan-24	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U		
		25-Apr-24	0.25 ^V	U	0.25 ^V	U	0.25 ^V	U	0.25 ^V	U	0.25 ^V	U	0.25 ^V	U	0.25 ^V	U	0.25 ^V	U	0.25 ^V	U				0.25 ^V	U
		4-Sep-24	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U
		15-Oct-24	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U				0.137	U
		22-Nov-24	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U				NS	U	
		22-Jan-25	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U				0.137	U
		30-Apr-25	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0								

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage		Cafeteria	Gymnasium	Elevator Hallway	Room 118	Room 110	Media Center (Rm 145)		Room 152	Room 116		Ambient Outdoor (AOA-1)								
			Room	Qual						Qual	Qual		Qual	Qual	Qual	Qual	Qual	Qual					
Tetrachloroethene*	5.0	10-Jan-18		0.27		0.59		0.45		0.50		0.20		0.23		0.61		0.29				0.068	U
		11-Apr-18		0.21		0.14	U	0.14	U	0.14	U	0.16	U	0.14	U	0.14	U	0.14	U			0.68 ^D	U
		27-Jul-18		0.14	U	0.18		0.16		0.24		0.26		0.2	U	0.17		0.14	U			0.14	U
		24-Oct-18		0.26		0.22		0.22		0.27		0.2		0.23		0.14	U	0.14	U	U		0.14	U
		16-Jan-19		0.22		0.15		0.14	U	0.14	U	0.16		0.17		0.18	U	0.14	U	U		0.27	U
		12-Apr-19		0.17		0.14		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	U		0.14	U
		29-Jul-19		0.23		0.19		0.14		0.18		0.21		0.22		0.2	U	0.17	U	U		0.17	U
		29-Oct-19		NS		0.2		0.2		0.2		0.23		0.28		0.14	U	NS	U	U		0.18	U
		1-Nov-19		0.16		NS		NS		NS		NS		NS		NS	U	0.14	U	U		NS	U
		21-Jan-20		0.14	U	0.14	U	0.14	U	0.14	U	0.18		0.14	U	0.16	U	0.14	U	U		0.14	U
		22-Apr-20		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	U		0.14	U
		23-Jul-20		0.16		0.15		0.14	U	0.14	U	0.14	U	0.16	U	0.14	U	0.14	U	U		0.14	U
		29-Oct-20		0.44		0.33		0.3		0.34		0.29		0.32		0.33		0.39	U	U		1.7	U
		19-Jan-21		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	U		0.14	U
		15-Apr-21		0.2		0.59		0.5		0.36		0.34		0.26		0.3		0.36	U	U		0.14	U
		21-Jul-21		0.14	U	0.41		0.43		0.14		0.57		0.48		0.61		0.37	U	U		0.14	U
		20-Oct-21		0.14	U	0.14	U	0.14	U	0.2		0.14	U	0.14	U	0.14	U	0.14	U	U		0.14	U
		31-Jan-22		0.53		0.54		0.42		0.47		0.50		0.44		0.31		0.37	U	U		0.14	U
		7-Apr-22		0.19		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	U		0.15	U
		28-Jul-22		0.24 ^K		0.27 ^K		0.33 ^K		0.26 ^K		0.14	U	0.27 ^K		0.24 ^K		0.3 ^K	U	U		0.55	U
		18-Oct-22		0.14	U	0.15		0.21		0.14	U	0.14	U	0.88		0.18	U	0.14	U	U		0.14	U
		24-Jan-23		0.29		0.21		0.14		0.17		0.14	U	0.22		0.15	U	0.33	U	U		0.14	U
		19-Apr-23		0.14	U	0.17		0.14	U	0.19		0.14	U	0.14	U	0.14	U	0.14	U	U		0.14	U
		18-Jul-23		0.17		0.19		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	U		0.14	U
		25-Oct-23		3.7		0.58		0.58		0.66		0.66		0.6		2		0.59	U	U		0.15	U
		9-Jan-24		1.3		1.2	U		1.1	1.1	U	0.71	U	1.3	U	2.7	U	0.96	U	U		0.14	U
		25-Apr-24		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	U	0.14	0.14	U
		4-Sep-24		0.5		0.39		0.35		0.36		0.31		0.41		0.39		0.29	U	U	0.14	0.37	U
		15-Oct-24		0.136	U	0.142		0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	U	0.136	0.136	U
		22-Nov-24		NS		NS		NS		NS		NS		NS		NS	U	NS	U	U	0.136	0.136	U
		22-Jan-25		0.136		0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	U	0.136	0.136	U
		30-Apr-25		0.17		0.136	U	0.136	U	0.136	U	0.136	U	0.156	U	0.136	U	0.136	U	U	0.136	0.136	U
Toluene	210.0	10-Jan-18		1.50		2.10		1.90		2.0		1.0		1.10		2.40		1.50				0.42	
		11-Apr-18		1.70		1.40		1.20		1.3		1.0		1.40		1.00		1.40				0.78 ^D	
		27-Jul-18		1.2		1.3		0.71		1.1		0.81		1.7		1		0.99				0.69	
		24-Oct-18		1.8		0.76		0.76		1.6		1		1.5		0.6		0.49				0.56	
		16-Jan-19		1.4		1.2		1.1		1.2		1.2		1.3		1.3		0.89				0.66	
		12-Apr-19		0.82		0.48		0.45		0.57		0.5		0.54		0.51		0.63				0.59	
		29-Jul-19		0.88		0.43		0.4		0.48		0.5		0.61		0.75		0.39				0.38	
		29-Oct-19		NS		0.72		0.64		0.78		0.8		0.8		1		NS				0.72	
		1-Nov-19		1.1		NS		NS		NS		NS		NS		NS		1.2				NS	
		21-Jan-20		1.3		0.91		0.95		0.95		0.97		1.00		0.96		0.67				0.73	
		22-Apr-20		0.18		0.14		0.15		0.19		0.1		0.16		0.21		0.18				0.13	
		23-Jul-20		0.89		0.65		0.62		0.64		0.9		0.63		0.96		0.75				0.52	
		29-Oct-20		2.5		2.2		1.9		1.7		2.3		2.7		2.5		3				2.5	
		19-Jan-21		0.38		0.34		0.33		0.37		0.4		0.36		0.37		0.39				0.52	
		15-Apr-21		0.35		0.36		0.35		0.37		0.3		0.36		0.33		0.49				0.26	
		21-Jul-21		1.1		1.6		1.6		0.75		2.3		2		2.2		1.9				0.62	
		20-Oct-21		1.9		0.79		0.85		0.94		0.9		0.86		0.86		0.7				0.48	
		31-Jan-22		3.1		3.1		2.7		3.1		2.7		3.3		2.9		3				0.26	
		7-Apr-22		0.83		0.76		0.79		0.7		0.7		0.69		0.78		0.72				0.56	
		28-Jul-22		1.2		1.8		1.1		1.1		0.93		1.3		0.74		1				0.59	
		18-Oct-22		0.46		0.78		0.73		0.84		0.8		1.2		0.9		1.2				0.46	
		24-Jan-23		0.89		0.84		0.63		0.75		0.55		0.8		1.1		2.4				0.31	
		19-Apr-23		0.58		0.26		0.45		0.42		0.73		0.53		0.29		0.87				0.49	
		18-Jul-23		0.89		1.1		0.87		0.83		1.3		1.3		1.1		1.4				1.7	
		25-Oct-23		50		3.1		2.5		2.2		2.3		2.8		23		2.4				0.5	
		9-Jan-24		3.1		2.7		3		3.2		3.5		3.5		3.2		3.7				0.3	
		25-Apr-24		12		0.25		0.24		0.27		0.28		0.55		0.21		0.32				0.28	
		4-Sep-24		4.5		2		2		2.5		3.1		2.7		1.7		3		0.25		1.6	
		15-Oct-24		0.935		0.829		0.697		0.735		0.852		0.867		0.712		0.908				1.11	
		22-Nov-24		NS		NS		NS		NS		NS		NS		NS		NS				NS	
		22-Jan-25		0.776		0.72		0.675		0.788		0.92		0.806		0.471		0.697				1.34	
		30-Apr-25		0.377	U	1.02		0.377		0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
1,1,1-Trichloroethane*	500.0	10-Jan-18		0.055 ^L	U	0.055 ^L	U	0.055 ^L	U	0.055 ^L	U	0.055 ^L	U	0.055 ^L	U	0.055 ^L	U	0.055 ^L	U		0.055 ^L	U	
		11-Apr-18		0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.110	U	0.055	U	0.055	U	U		0.55 ^D	U
		27-Jul-18		0.055	U	0.055	U	0.055	U	0.055	U	0.082	U	0.082	U	0.055	U	0.055	U	U		0.055	U
		24-Oct-18		0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	U		0.055	U
		16-Jan-19		0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	U		0.055	U
		12-Apr-19		0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	U		0.055	U
		29-Jul-19		0.070		0.063		0.055	U	0.055	U	0.057		0.055	U	0.							

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)			
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		
1,1,2-Trichloroethane	2.2	10-Jan-18	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		11-Apr-18	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.110	U	0.055	U	0.055	U				0.55 ^D	U	
		27-Jul-18	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.082	U	0.055	U	0.055	U				0.055	U	
		24-Oct-18	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		16-Jan-19	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		12-Apr-19	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		29-Jul-19	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		29-Oct-19	NS		0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		1-Nov-19	0.055	U	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.055	U			NS	
		21-Jan-20	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U				0.06	U	
		22-Apr-20	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		23-Jul-20	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		29-Oct-20	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		19-Jan-21	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		15-Apr-21	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		21-Jul-21	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		20-Oct-21	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		31-Jan-22	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		7-Apr-22	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		28-Jul-22	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		18-Oct-22	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		24-Jan-23	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		19-Apr-23	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		18-Jul-23	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		25-Oct-23	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		9-Jan-24	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		25-Apr-24	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		4-Sep-24	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U				0.055	U	
		15-Oct-24	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U			0.055	U	0.055	U
		22-Nov-24	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				0.055	U	0.055	U
		22-Jan-25	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U			0.109	U	0.109	U
		30-Apr-25	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U			0.109	U	0.109	U
Trichloroethene*	1.0	10-Jan-18	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		11-Apr-18	0.084		0.080		0.054	U	0.064	U	0.069	U	0.110	U	0.073	U	0.084	U				0.54 ^D	U	
		27-Jul-18	0.054	U	0.054	U	0.054	U	0.054	U	0.081	U	0.081	U	0.054	U	0.054	U				0.054	U	
		24-Oct-18	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		16-Jan-19	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		12-Apr-19	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		29-Jul-19	0.088		0.060		0.054	U	0.060	U	0.064	U	0.082	U	0.086	U	0.080	U				0.071		
		29-Oct-19	NS		0.088		0.080	0.054	U	0.084	0.08	0.054	U	NS		NS					0.054	U		
		1-Nov-19	0.054	U	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.054	U			NS		
		21-Jan-20	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U				0.05	U	
		22-Apr-20	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		23-Jul-20	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		29-Oct-20	0.120		0.130		0.100	0.120	0.14	U	0.15	U	0.054	U	0.054	U	0.140	U				0.180		
		19-Jan-21	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		15-Apr-21	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		21-Jul-21	0.054	U	0.084		0.069	0.054	U	0.09	0.097	U	0.150		0.064		0.054	U				0.054	U	
		20-Oct-21	0.054	U	0.054	U	0.054	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U
		31-Jan-22	0.084		0.084		0.054	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U
		7-Apr-22	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		28-Jul-22	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		18-Oct-22	0.054	U	0.054	U	0.054	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U
		24-Jan-23	0.064		0.082		0.054	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U
		19-Apr-23	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		18-Jul-23	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U				0.054	U	
		25-Oct-23	0.140		0.054		0.084	0.082	0.088	0.058	0.17	U	0.056		0.056		0.054	U				0.054	U	
		9-Jan-24	0.054	U	0.054	U	0.054	U	0.069	0.067	0.086	U	0.08		0.054	U	0.08					0.054	U	
		25-Apr-24	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U			0.054	U	0.054	U
		4-Sep-24	0.18		0.12		0.16	0.22	0.23	0.22	0.097	U	0.2		0.34						0.054	U	0.054	U
		15-Oct-24	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U				0.564		
		22-Nov-24	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				0.107	U	NS	
		22-Jan-25	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U										

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)		
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
1,2,4-Trimethylbenzene	9.3	10-Jan-18	0.33		0.56		0.51		0.59		0.27		0.29		0.61		0.46					0.098	
		11-Apr-18	0.31		0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.49 ^P	U
		27-Jul-18	0.098	U	0.098	U	0.098	U	0.098	U	0.15	U	0.15	U	0.098	U	0.098	U				0.098	U
		24-Oct-18	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.098	U
		16-Jan-19	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.098	U
		12-Apr-19	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.098	U
		29-Jul-19	0.19		0.13		0.098	U	0.14		0.16		0.21		0.19		0.11					0.15	
		29-Oct-19	NS		0.098	U	0.14		0.15		0.15		0.19		0.17		NS					0.2	
		1-Nov-19	0.098	U	NS		NS		NS		NS		NS		NS		NS					NS	
		21-Jan-20	0.19		0.13		0.15		0.10	U	0.16		0.15		0.14		0.10		U			0.11	
		22-Apr-20	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.098	U
		23-Jul-20	0.15		0.098	U	0.098	U	0.098	U	0.098	U	0.11		0.098	U	0.098	U				0.098	U
		29-Oct-20	0.4		0.38		0.31		0.31		0.37		0.32		0.098	U	0.57					0.48	
		19-Jan-21	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.098	U
		15-Apr-21	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.098	U
		21-Jul-21	0.19		0.23		0.31		0.12		0.29		0.3		0.35		0.25					0.098	U
		20-Oct-21	0.33		0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.098	U
		31-Jan-22	0.53		0.51		0.42		0.53		0.41		0.53		0.47		0.5					0.098	U
		7-Apr-22	0.19		0.16		0.16		0.17		0.15		0.14		0.16		0.17					0.098	U
		28-Jul-22	0.18		0.17		0.24		0.25		0.16		0.27		0.14		0.2					0.21	
		18-Oct-22	0.12		0.15		0.29		0.35		0.17		0.33		0.3		0.4					0.24	
		24-Jan-23	0.12		0.12		0.1		0.14		0.098	U	0.1		0.21		0.23					0.098	U
		19-Apr-23	0.44		0.14		0.39		0.19		0.12		0.098	U	0.21		0.2					0.1	
		18-Jul-23	0.15		0.1		0.17		0.21		0.2		0.26		0.3		0.24						

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 116		Ambient Outdoor (AOA-1)		
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
p/m-Xylene	220.0	10-Jan-18	0.86		1.90		1.60		1.80		0.73		0.77		2.0		0.94					0.17	U
		11-Apr-18	0.68		0.54		0.49		0.55		0.40		0.49		0.4		0.55					0.87 ^D	U
		27-Jul-18	0.27		0.37		0.46		0.42		0.3		1.2		0.41		0.36					0.23	
		24-Oct-18	1.1		0.44		0.57		0.54		0.36		0.65		0.28		0.21					0.34	
		16-Jan-19	0.85		0.7		0.68		0.73		0.71		0.8		0.76		0.35					0.26	
		12-Apr-19	0.37		0.23		0.19		0.28		0.24		0.29		0.26		0.29					0.31	
		29-Jul-19	0.98		0.34		0.46		0.49		0.55		0.64		0.69		0.34					0.39	
		29-Oct-19	NS		0.37		0.4		0.41		0.43		0.43		0.44		NS					0.35	
		1-Nov-19	0.58		NS		NS		NS		NS		NS		NS		0.88					NS	
		21-Jan-20	0.57		0.44		0.49		0.45		0.51		0.46		0.44		0.33					0.34	
		22-Apr-20	0.22		0.17		0.2		0.21		0.17		0.17	U	0.17	U	0.17	U		U		0.17	U
		23-Jul-20	0.39		0.24		0.27		0.26		0.35		0.28		0.41		0.35					0.17	U
		29-Oct-20	1.2		1.2		0.97		1.3		1.4		1.2		1.6		1.7					1.3	
		19-Jan-21	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	0.18	U				0.18	
		15-Apr-21	0.17	U	0.17	U	0.17	U	0.17	U	0.18		0.21		0.17	U	0.21					0.17	U
		21-Jul-21	0.53		0.61		0.63		0.47		0.89		0.81		0.87		0.78					0.38	
		20-Oct-21	0.97		0.32		0.34		0.38		0.36		0.36		0.37		0.29					0.17	U
		31-Jan-22	1.5		1.6		1.3		1.6		1.3		1.6		1.4		1.5					0.17	U
		7-Apr-22	0.49		0.44		0.44		0.46		0.43		0.43		0.46		0.42					0.29	
		28-Jul-22	0.45		0.41		0.47		0.45		0.39		0.55		0.31		0.55					0.27	
		18-Oct-22	0.2		0.29		0.36		0.37		0.32		0.56		0.38		0.63					0.25	
		24-Jan-23	0.44		0.3		0.31		0.46		0.28		0.35		0.53		0.56					0.17	U
		19-Apr-23	1.6		0.32		0.55		1		0.51		0.36		1		0.23		0.52			0.57	
		18-Jul-23	0.46		0.45		0.48		0.46		0.66		1.1		0.53		0.72					0.8	
		25-Oct-23	10		1.1		0.91		0.91		0.98		1.1		5.2		0.98					0.22	
		9-Jan-24	1.2		0.9		0.93		1.4		1.6		1.5		0.79		1.7					0.17	U
		25-Apr-24	6.5		0.17	U	0.17	U	0.17	U	0.19		0.19		0.18		0.22				0.19		
		4-Sep-24	1.5		1.3		1.2		1.6		1.7		1.7		1.2		1.8				1.8		
		15-Oct-24	0.261		0.256		0.261		0.248		0.265		0.269		0.243		0.291				0.274		
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS				0.712		
		22-Jan-25	0.347		0.282		0.282		0.339		0.413		0.369		0.23		0.326				0.447		
		30-Apr-25	0.174	U	1.36		0.174	U	0.174	U	0.174	U	0.174	U	0.217		0.174	U		U	0.174	U	
o-Xylene	220.0	10-Jan-18	0.32		0.67		0.58		0.64		0.29		0.29		0.68		0.37					0.087	U
		11-Apr-18	0.24		0.20		0.19		0.22		0.16		0.18		0.16		0.21					0.43 ^D	U
		27-Jul-18	0.12		0.087	U	0.17		0.17		0.13	U	1		0.17		0.16					0.12	
		24-Oct-18	0.4		0.16		0.2		0.22		0.15		0.28		0.12		0.087	U				0.13	
		16-Jan-19	0.28		0.22		0.23		0.24		0.24		0.29		0.26		0.13					0.099	
		12-Apr-19	0.14		0.087		0.089		0.11		0.11		0.12		0.13		0.12					0.14	
		29-Jul-19	0.35		0.14		0.15		0.19		0.21		0.25		0.28		0.15					0.15	
		29-Oct-19	NS		0.14		0.15		0.16		0.17		0.18		0.17		NS					0.15	
		1-Nov-19	0.2		NS		NS		NS		NS		NS		NS		NS					NS	
		21-Jan-20	0.24		0.18		0.22		0.19		0.2		0.2		0.18		0.15					0.15	
		22-Apr-20	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U				0.087	U
		23-Jul-20	0.15		0.096		0.11		0.11		0.15		0.11		0.17		0.16					0.087	U
		29-Oct-20	0.48		0.46		0.38		0.46		0.53		0.48		0.55		0.67					0.55	
		19-Jan-21	0.087		0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U				0.087	U
		15-Apr-21	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.089	U	0.087	U	0.099	U		U		0.087	U
		21-Jul-21	0.23		0.27		0.31		0.18		0.38		0.33		0.38		0.35					0.14	
		20-Oct-21	0.37		0.12		0.12		0.14		0.14		0.14		0.15		0.12					0.092	
		31-Jan-22	0.56		0.57		0.47		0.58		0.49		0.59		0.51		0.55					0.087	U
		7-Apr-22	0.2		0.16		0.18		0.18		0.17		0.2		0.18		0.18					0.12	
		28-Jul-22	0.19		0.16		0.2		0.19		0.17		0.24		0.13		0.22					0.12	
		18-Oct-22	0.17	U	0.17	U	0.17	U	0.18		0.17	U	0.25		0.2		0.3					0.17	U
		24-Jan-23	0.26		0.14		0.15		0.24		0.13		0.16		0.27		0.22					0.087	U
		19-Apr-23	0.47		0.096		0.15		0.3		0.19		0.16		0.087	U	0.21					0.17	
		18-Jul-23	0.22		0.23		0.2		0.21		0.34		0.56		0.21		0.32					0.35	
		25-Oct-23	2.9		0.44		0.34		0.35		0.37		0.42		1.5		0.37					0.096	
		9-Jan-24	0.44		0.32		0.34		0.5		0.6		0.56		0.29		0.66					0.087	U
		25-Apr-24	2.6		0.087	U	0.087	U	0.087	U	0.09		0.087	U	0.087	U	0.087	U		0.09		0.087	U
		4-Sep-24	0.53		0.46		0.44		0.58		0.62		0.59		0.43		0.97				0.63		
		15-Oct-24	0.109		0.109		0.1		0.096		0.104		0.109		0.096		0.122				0.109		
		22-Nov-24	NS		NS		NS		NS		NS		NS		NS		NS				0.4		
		22-Jan-25	0.156		0.117		0.122	U	0.139		0.165	U	0.148		0.096		0.135				0.169		
		30-Apr-25	0.087	U	0.825		0.087	U	0.087	U	0.087	U	0.087	U	0.104		0.087	U		U	0.087	U	

NOTES:

All data presented in micrograms per cubic meter (ug/m³).

Two values displayed with a slash indicates dilutions resulting in two different concentrations

U = Designation indicates that the compound was not detected by the laboratory. Reporting limit shown in the data column.

NS = Not sampled.

None = No Draft Proposed CT Residential TAC for this compound.

= exceedance of interim RIDEM-approved action level

APPENDIX C

Subslab Vapor Analytical Summary

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual
Acetone	10-Jan-18	39			NS			17			8.1			NS			14			NS			NS			26			NS			28		
	11-Apr-18	NS			34			NS			NS			26			NS			36			63			38			NS			40		
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			NS			19			NS		
	27-Jul-18	73			NS			110			130			NS			77			NS			NS			83			63			NS		
	24-Oct-18	NS			13			NS			NS			13			NS			16			21			30			NS			35		
	16-Jan-19	33			NS			6.9			6.1			NS			6.8			NS			NS			14			21			NS		
	12-Apr-19	NS			8.8			NS			NS			17			NS			9.2			7.7			25			NS			51		
	29-Jul-19	130 ^F			NS			92 ^F			130 ^F			NS			110 ^F			NS			NS			72 ^F			65 ^F			NS		
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			NS			68			NS		
	29-Oct-19	NS			9.8			NS			NS			12			NS			6			12			35 ^y			24 ^y			29 ^y		
	21-Jan-20	9.20			NS			5.10			8.40			NS			3.10			NS			NS			9.50			11.00			NS		
	22-Apr-20	NS			15			NS			NS			25			NS			38			40			60 ^F			NS			40		
	23-Jul-20	150 ^F			NS			260 ^F			130 ^F			NS			210 ^F			NS			NS			120 ^F			92			NS		
	29-Oct-20	NS			5.1			NS			NS			11			NS			6.6			7.4			25			NS			25		
	19-Jan-21	7.4			NS			8.6			5.7			NS			5.4			NS			NS			26			10 ^F			NS		
	15-Apr-21	NS			14			NS			NS			11			NS			4.4			13			20			NS			15		
	21-Jul-21	48			NS			50			61			NS			71			NS			NS			66			25			NS		
	20-Oct-21	NS			16			NS			NS			36			NS			60 ^F			33			26			NS			29		
	9-Feb-22	6.7			NS			6.2			45			NS			13			NS			NS			16			24			NS		
	7-Apr-22	NS			7.4			NS			NS			4			5			8.6			NS			10			NS			19		
	28-Jul-22	8.5			NS			19			23			NS			37			NS			NS			37			17			NS		
	18-Oct-22	NS			16			NS			NS			15			NS			8.9			12			18			NS			31		
	24-Jan-23	15			NS			5.2			13			NS			12			NS			NS			13			18			NS		
	19-Apr-23	NS			6.4			NS			NS			11			NS			11			16			22			NS			22		
	5-Jul-23	NS			NS			NS			19			NS			NS			NS			NS			NS			NS			NS		
	18-Jul-23	20			NS			34			34			NS			42			NS			NS			30			30			NS		
	25-Oct-23	NS			15			NS			NS			17			32			33			33			23			NS			42		
	9-Jan-24	8.4			NS			7			7.2			NS			8.8			NS			NS			15			18			NS		
	25-Apr-24	NS			6.7			NS			NS			9.2			14			9.2			NS			34			NS			23		
	4-Sep-24	24			NS			24			31			NS			38			NS			NS			6.7			15			NS		
	15-Oct-24	NS			21.9			NS			NS			2.38	U		NS			2.38		U	NS		U	2.38		U	NS			13		
	22-Jan-25	6.51			NS			2.38	U		2.38	U		NS		U	2.38			NS		U	NS		U	10.3			16.6			NS		
	30-Apr-25	NS			10.7			NS			NS			5.44			NS			7.93			5.87			29.2			NS			28.7		
Acrylonitrile	10-Jan-18	0.25	U		NS			0.25	U		0.25	U		NS			0.25	U		NS			NS			0.25	U		NS			0.25	U	
	11-Apr-18	NS			0.25			NS	U		NS			2.5	U		NS			2.5	U		NS		U	0.25	U		NS			2.5	U	
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS		U	NS			0.38		U	NS		
	27-Jul-18	1.3	U		NS			1.3	U		NS			1.3	U		NS			NS			NS		U	1.3	U		1.3			NS		
	24-Oct-18	NS			1.2			NS	U		NS			1.2	U		NS			1.2	U		NS		U	1.2	U		NS			1.2	U	
	16-Jan-19	0.25	U		NS			0.25	U		NS			0.25	U		NS			NS			NS		U	0.25	U		NS			NS		
	12-Apr-19	NS			0.25			NS	U		NS			0.25	U		NS			0.31	U		NS		U	0.38	U		NS			0.38	U	
	29-Jul-19	0.38	U		NS			0.38	U		0.25	U		NS			0.25	U		NS			NS		U	NS	U		NS			NS		
	26-Sep-19	NS			NS			NS	U		NS			NS			NS			NS			NS		U	NS	U		NS			NS		
	29-Oct-19	NS			0.25			NS	U		NS			0.25	U		NS			NS			NS		U	1.3 ^y	U		1.3 ^y			NS		
	21-Jan-20	0.25 ^w	U		NS			0.25 ^w	U		0.25 ^w	U		NS			0.25 ^w	U		NS			NS		U	0.25 ^w	U		0.25 ^w			NS		
	22-Apr-20	NS			0.25			NS	U		NS			0.25	U		NS			0.25	U		NS		U	0.25	U		NS			0.25	U	
	23-Jul-20	0.25	U		NS			0.25	U		NS			0.5	U		NS			NS			NS		U	0.5	U		NS			NS		
	29-Oct-20	NS			0.25			NS	U		NS			0.25	U		NS			0.25	U		NS		U	0.25	U		NS			0.25	U	
	19-Jan-21	0.25	U																															

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Bromodichloromethane	10-Jan-18	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U
	11-Apr-18	NS		0.13	U	NS		NS		1.3	U	NS		1.3	U	1.3	U	0.13	U	NS		1.3	U
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.1	U	NS	
	27-Jul-18	0.34	U	NS		0.34	U	0.34	U	NS		0.34	U	NS		NS		0.34	U	0.34	U	NS	
	24-Oct-18	NS		0.34	U	NS		NS		0.34	U	NS		0.34	U	0.34	U	0.34	U	NS		0.34	U
	16-Jan-19	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
	12-Apr-19	NS		0.067	U	NS		NS		0.067	U	NS		0.084	U	0.1	U	0.1	U	NS		0.1	U
	29-Jul-19	0.1	U	NS		0.1	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	1.6		NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.1	U	NS	
	29-Oct-19	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.34 ^U	U	0.34 ^U	U	0.34 ^U	U	NS	
	21-Jan-20	0.07	U	NS		0.07	U	0.07	U	NS		0.07	U	NS		NS		0.07	U	0.07	U	NS	
	22-Apr-20	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U
	23-Jul-20	0.067	U	NS		0.067	U	0.067	U	NS		0.13	U	NS		NS		0.13	U	0.13	U	NS	
	29-Oct-20	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U
	19-Jan-21	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.1 ^U	U	NS	
	15-Apr-21	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U
	21-Jul-21	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
	20-Oct-21	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U
	9-Feb-22	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
	7-Apr-22	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U
	28-Jul-22	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
	18-Oct-22	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	NS		0.067	U	NS		0.067	U
	24-Jan-23	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
	19-Apr-23	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U
	5-Jul-23	NS		NS		NS		0.067	U	NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
	25-Oct-23	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.1	U	0.1	U	0.067	U	NS	
	9-Jan-24	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
	25-Apr-24	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U
	4-Sep-24	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
	15-Oct-24	NS		0.134	U	NS		NS		0.134	U	NS		0.134	U	0.134	U	0.134	U	NS		0.134	U
	22-Jan-25	0.134	U	NS		0.134	U	0.134	U	NS		0.141		NS		NS		0.134	U	0.134		NS	
	30-Apr-25	NS		0.134	U	NS		NS		0.134	U	NS		0.134	U	0.134	U	0.134	U	NS		0.134	U
Bromoform	10-Jan-18	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.210	U	NS		0.21	U
	11-Apr-18	NS		0.21	U	NS		NS		2.1 ^U	U	NS		2.1 ^U	U	2.1 ^U	U	0.210	U	NS		2.1 ^U	U
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.31	U	NS	
	27-Jul-18	1.0	U	NS		1.0	U	1.0	U	NS		1.0	U	NS		NS		1.0	U	1.0	U	NS	
	24-Oct-18	NS		1	U	NS		NS		1	U	NS		1	U	1	U	1.0	U	NS		1	U
	16-Jan-19	0.2	U	NS		0.2	U	0.2	U	NS		0.2	U	NS		NS		0.2	U	0.2	U	NS	
	12-Apr-19	NS		0.1	U	NS		NS		0.1	U	NS		0.13	U	0.16	U	0.16	U	NS		0.16	U
	29-Jul-19	0.31	U	NS		0.31	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	3.1		NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.31	U	NS	
	29-Oct-19	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	1 ^U	U	1 ^U		1 ^U	
	21-Jan-20	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	22-Apr-20	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	23-Jul-20	0.21	U	NS		0.21	U	0.21	U	NS		0.41	U	NS		NS		0.41	U	0.41	U	NS	
	29-Oct-20	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	19-Jan-21	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.31 ^U	U	NS	
	15-Apr-21	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	21-Jul-21	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	20-Oct-21	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	NS		0.21	U	NS		0.21	U
	9-Feb-22	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	7-Apr-22	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	28-Jul-22	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	18-Oct-22	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	24-Jan-23	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	19-Apr-23	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	4-Jul-23	NS		NS		NS		0.21	U	NS		NS		NS		NS		NS		NS		NS	

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
n-Butylbenzene	10-Jan-18	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U
	11-Apr-18	NS		0.32	U	NS		NS		3.2	U	NS		3.2	U	NS		0.32	U	NS		3.2	U
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.47	U	NS	
	27-Jul-18	1.6	U	NS		1.6	U	NS		1.6	U	NS		1.6	U	NS		1.6	U	1.6	U	NS	
	24-Oct-18	NS		1.6	U	NS		NS		1.6	U	NS		1.6	U	NS		1.6	U	NS		1.6	U
	16-Jan-19	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS	
	12-Apr-19	NS		0.32	U	NS		NS		0.32	U	NS		0.4	U	0.47	U	0.47	U	NS		0.47	U
	29-Jul-19	0.47	U	NS		0.47	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.47	U	NS	
	29-Oct-19	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	1.6 ^U	U	1.6 ^U	U	1.6 ^U	U
	21-Jan-20	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS	
	22-Apr-20	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	NS		0.32	U	NS		0.32	U
	23-Jul-20	0.32	U	NS		0.32	U	0.32	U	NS		0.63	U	NS		NS		0.63	U	0.63	U	NS	
	29-Oct-20	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	NS		0.32	U
	19-Jan-21	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.47 ^U	U	NS	
	15-Apr-21	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	NS		0.32	U
	21-Jul-21	0.63	U	NS		0.63	U	0.63	U	NS		0.63	U	NS		NS		0.63	U	0.63	U	NS	
	20-Oct-21	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	NS		0.32	U
	9-Feb-22	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS	
	7-Apr-22	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	NS		0.32	U
	28-Jul-22	0.32	U	NS		0.63	U	0.63	U	NS		0.63	U	NS		NS		0.95	U	0.63	U	NS	
	18-Oct-22	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	NS		0.32	U	NS		0.32	U
	24-Jan-23	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS	
	19-Apr-23	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	NS		0.32	U
	5-Jul-23	NS		NS		NS		NS		0.32	U	NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	NS		NS	
	25-Oct-23	NS		0.32	U	NS		NS		0.32	U	NS		0.47	U	0.47	U	0.32	U	NS		0.32	U
	9-Jan-24	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	NS		NS	
	25-Apr-24	NS		0.32	U	NS		NS		NS		NS		0.32	U	0.32	U	0.32	U	NS		0.32	U
	4-Sep-24	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS	
	15-Oct-24	NS		1.1	U	NS		NS		1.1	U	NS		1.1	U	1.1	U	1.1	U	NS		1.1	U
	22-Jan-25	1.1	U	NS		1.1	U	1.1	U	NS		1.1	U	NS		NS		1.1	U	1.1	U	NS	
	30-Apr-25	NS		1.1	U	NS		NS		1.1	U	NS		1.1	U	1.1	U	1.1	U	NS		1.1	U
sec-Butylbenzene	10-Jan-18	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U
	11-Apr-18	NS		0.25	U	NS		NS		2.5	U	NS		2.5	U	2.5	U	0.25	U	NS		2.5	U
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.38	U	NS	
	27-Jul-18	1.3	U	NS		1.3	U	1.3	U	NS		1.3	U	NS		NS		1.3	U	1.3	U	NS	
	24-Oct-18	NS		1.3	U	NS		NS		1.3	U	NS		1.3	U	1.3	U	1.3	U	NS		1.3	U
	16-Jan-19	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	12-Apr-19	NS		0.25	U	NS		NS		0.25	U	NS		0.31	U	0.38	U	0.38	U	NS		0.38	U
	29-Jul-19	0.38	U	NS		0.38	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.38	U	NS	
	29-Oct-19	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	1.3 ^U	U	1.3 ^U	U	1.3 ^U	
	21-Jan-20	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	22-Apr-20	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	23-Jul-20	0.25	U	NS		0.25	U	0.25	U	NS		0.5	U	NS		NS		0.5	U	0.5	U	NS	
	29-Oct-20	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	19-Jan-21	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.38 ^U	U	NS	
	15-Apr-21	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	21-Jul-21	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	20-Oct-21	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	9-Feb-22	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	7-Apr-22	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	28-Jul-22	0.25	U	NS		0.5	U	0.5	U	NS		0.5	U	NS		NS		0.75	U	0.5	U	NS	
	18-Oct-22	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	24-Jan-23	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	19-Apr-23	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	5-Jul-23	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual	
Chlorobenzene	10-Jan-18	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	NS		0.092	U			
	11-Apr-18	NS			0.092		U	NS		NS		0.92		U	NS		NS		0.92		U		0.92	U	NS		0.92	U	NS		0.92	U			
	23-May-18	NS			NS		NS		NS		NS		NS		U	NS		NS		U		NS		NS		NS		NS		NS		NS			
	27-Jul-18	0.46		U	NS		0.46	U	0.46	U	NS		0.46	U	NS		0.46	U	NS		NS		0.46	U	NS		0.46	U	NS		0.46	U			
	24-Oct-18	NS			0.46		U	NS		NS		0.46		U	NS		NS		0.46		U		0.46	U	NS		0.46	U	NS		0.46	U			
	16-Jan-19	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	NS		0.092	U	NS		0.092	U			
	12-Apr-19	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.12		U		0.14	U	NS		0.14	U	NS		0.14	U			
	29-Jul-19	0.14		U	NS		0.14	U	0.092	U	NS		0.092	U	NS		NS		NS		U		NS		0.092	U	NS		0.092	U	NS				
	26-Sep-19	NS			NS		NS		NS		NS		NS		U	NS		NS		NS		U		NS		NS		NS		NS		NS			
	29-Oct-19	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.092		U		0.46 ^U	U	0.46 ^U	U	0.46 ^U	U	NS		0.46 ^U	U			
	21-Jan-20	0.09		U	NS		0.09	U	0.09	U	NS		0.09	U	NS		NS		NS		U		NS		0.09	U	NS		0.09	U	NS		NS		
	22-Apr-20	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.092		U		0.092	U	NS		0.092	U	NS		0.092	U			
	23-Jul-20	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		0.18		NS		U		NS		0.18	U	NS		0.18	U	NS		NS		
	29-Oct-20	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.092		U		0.092	U	NS		0.092	U	NS		0.092	U			
	19-Jan-21	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		NS		U		NS		NS		NS		NS		NS		NS		
	15-Apr-21	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.092		U		0.092	U	NS		0.092	U	NS		0.092	U			
	21-Jul-21	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		0.092		NS		U		NS		NS		NS		NS		NS		NS		
	20-Oct-21	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.092		U		NS		NS		NS		NS		NS		NS		
	9-Feb-22	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		NS		U		NS		NS		NS		NS		NS		NS		
	7-Apr-22	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.092		U		0.092	U	NS		0.092	U	NS		0.092	U			
	28-Jul-22	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		NS		U		NS		NS		NS		NS		NS		NS		
	18-Oct-22	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.092		U		0.092	U	NS		0.092	U	NS		0.092	U			
	24-Jan-23	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		NS		U		NS		NS		NS		NS		NS		NS		
	19-Apr-23	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.092		U		NS		NS		NS		NS		NS		NS		
	5-Jul-23	NS			NS		NS		0.092	U	NS		NS		U	NS		NS		NS				NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.092		U	NS		0.092	U	0.098	U	NS		0.39		NS		NS		NS				NS		0.13		0.15		NS		NS		NS		
	25-Oct-23	NS			0.098		NS		NS		0.092	U	NS		U	NS		0.16		0.14				0.092	U	NS		0.092	U	NS		0.092	U		
	9-Jan-24	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		NS		U		NS		NS		NS		NS		NS		NS		
	25-Apr-24	NS			0.092		U	NS		NS		NS		U	0.092		NS		0.092		U		0.092	U	NS		0.092	U	NS		0.092	U			
	4-Sep-24	0.092		U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		NS		U		NS		NS		NS		NS		NS		NS		
	15-Oct-24	NS			0.461		U	NS		NS		0.461		U	NS		NS		0.461		U		0.461	U	NS		0.461	U	NS		0.461	U			
	22-Jan-25	0.461		U	NS		0.461	U	0.461	U	NS		0.461	U	NS		NS		NS		U		NS		NS		NS		NS		NS		NS		
	30-Apr-25	NS			0.461		U	NS		NS		0.461		U	NS		NS		0.461		U		0.461	U	NS		0.461	U	NS		0.461	U			
Chloroethane	10-Jan-18	0.13			NS		0.17		0.07		NS		0.36		NS		0.53		NS		NS		0.053	U	NS		0.053	U	NS		0.084				
	11-Apr-18	NS			0.053		U	NS		NS		0.53		U	NS		0.53		NS		NS		0.53	U	NS		0.53	U	NS		0.53	U			
	23-May-18	NS			NS		NS		NS		NS		NS		U	NS		NS		NS		NS		NS		NS		NS		NS		NS			
	27-Jul-18	0.26		U	NS		0.26	U	0.26	U	NS		0.26	U	NS		0.26	U	NS		NS		0.26	U	NS		0.26	U	NS		0.26	U			
	24-Oct-18	NS			0.26		U	NS		NS		0.26		U	NS		0.26		NS		U		0.26	U	NS		0.26	U	NS		0.26	U			
	16-Jan-19	0.053		U	NS		0.053	U	0.053	U	NS		0.29		NS		NS		NS				NS		0.053	U	NS		0.053	U	NS				
	12-Apr-19	NS			0.053		U	NS		NS		0.053		U	NS		NS		NS		U		0.079	U	NS		0.079	U	NS		0.079	U			
	29-Jul-19	0.079		U	NS		0.079	U	0.053	U	NS		0.053		U	NS		NS		NS		U		NS		NS		NS		NS		NS			
	26-Sep-19	NS			NS		NS		NS		NS		NS		U	NS		NS		NS		U		NS		NS		NS		NS		NS			
	29-Oct-19	NS			0.053 ^L		U	NS		NS		0.053 ^L		U	NS		0.053 ^L		NS		U		0.053 ^L	U	NS		0.26 ^{L,U}	U	0.26 ^{L,U}	U	0.26 ^{L,U}	U			
	21-Jan-20	0.05		U	NS		0.05	U	0.05	U	NS		0.05		U	NS		NS		U		NS		0.05	U	NS		0.05	U	NS		NS			
	22-Apr-20																																		

Summary of Subslab Air Sampling Data
Alvarez School
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Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual
Chloromethane	10-Jan-18	5.3			NS			3.8			1.4			NS			2.8			NS			NS			0.99			NS			1.1		
	11-Apr-18	NS			0.083		U	NS			NS		U	0.83			NS			NS			1.8			1.4			NS			0.83		
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			NS			NS			NS	U	
	27-Jul-18	4.5			NS			3.4			5.5			NS			2.6			NS			NS			0.41		U	2.8			NS		
	24-Oct-18	NS			0.41		U	NS			NS		U	0.41			NS			0.41		U	0.41		U	1			NS			1.2		
	16-Jan-19	0.083		U	NS			2			0.083		U	NS			0.083		U	NS			NS		U	1			0.083		U	NS		
	12-Apr-19	NS			0.083 ⁺		U	NS			NS			0.083 ⁺		U	NS			0.1 ⁺		U	0.12 ⁺		U	1.1 ⁺			NS			0.12 ⁺	U	
	29-Jul-19	0.12		U	NS			0.12		U	0.083		U	NS			0.083		U	NS			NS		U	0.083		U	0.083		U	NS		
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.12		U	NS		
	29-Oct-19	NS			0.083		U	NS			NS			0.083		U	NS			0.083		U	0.083		U	1.1 ⁺			0.41 ⁺		U	0.41 ⁺		
	21-Jan-20	0.08		U	NS			0.08		U	0.08		U	NS			0.08		U	NS			NS			NS		U	0.08		U	NS		
	22-Apr-20	NS			0.083		U	NS			NS			0.083		U	NS			0.083		U	0.083		U	0.92			NS			1.1		
	23-Jul-20	0.083		U	NS			0.083		U	0.083		U	NS			0.17		U	NS			NS			0.17		U	0.17		U	NS		
	29-Oct-20	NS			0.083		U	NS			NS			0.083		U	NS			0.083		U	0.083		U	0.083		U	NS			0.083		
	19-Jan-21	0.083		U	NS			1			0.083		U	NS			0.083		U	NS			NS			NS		U	0.083		U	NS		
	15-Apr-21	NS			0.083		U	NS			NS			0.083		U	NS			0.083		U	0.083		U	0.083		U	NS			0.083		U
	21-Jul-21	1.7			NS			3.6			NS			NS			1.5			NS			NS			1.1			1.4			NS		
	20-Oct-21	NS			0.083		U	NS			0.083		U	NS			0.083		U	NS			0.083		U	1.2			NS			1.2		
	9-Feb-22	0.083		U	NS			0.083		U	0.083		U	NS			0.083		U	NS			NS			NS			0.083		U	NS		
	7-Apr-22	NS			0.083		U	NS			NS			0.083		U	NS			0.083		U	0.083		U	1			NS			NS		
	28-Jul-22	0.083		U	NS			1.4			1.3			NS			0.083		U	NS			NS			0.73			0.083		U	NS		
	18-Oct-22	NS			0.92			NS			NS			NS			1.3		U	0.083			NS			1.3			NS			1		
	24-Jan-23	1.2			NS			2.2			0.083		U	NS			2			NS			NS			1.2			NS			1.3		
	19-Apr-23	NS			2.8			NS			NS			1.8			NS			1.2			0.92			0.98			NS			0.96		
	5-Jul-23	NS			NS			NS			NS			NS			NS			NS			NS			NS			NS			NS		
	18-Jul-23	2.8			NS			1.3			4.3			NS			1.5			NS			NS			1.2			1.5			NS		
	25-Oct-23	NS			1.2			NS			NS			3.4			NS			1.5			4.3			1.2			NS			1.4		
	9-Jan-24	1.8			NS			1.4			1.9			NS			2.5			NS			NS			0.99			1.2			NS		
	25-Apr-24	NS			1.2			NS			NS			2.2			NS			1.1			1.3			1.1			NS			1.2		
	4-Sep-24	1.3			NS			4.5			NS			1.6			NS			3			NS			3.2			0.94			NS		
	15-Oct-24	NS			1.16			NS			NS			1.21			NS			1.35			0.781			0.723			NS			0.857		
	22-Jan-25	2.23			NS			1.66			0.413		U	NS			0.413		U	NS			NS			0.931			1.06			NS		
	30-Apr-25	NS			2.54			NS			NS			0.413		U	NS			1.04			1.01			1.09			NS			1.12		
Dibromochloromethane	10-Jan-18	0.085		U	NS			0.085		U	0.085		U	NS			0.085		U	NS			NS			0.085		U	NS			0.085		U
	11-Apr-18	NS			0.17		U	NS			NS		U	NS			1.7		U	NS			1.7		U	0.17		U	NS			1.7		U
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.13		U	NS		
	27-Jul-18	0.43		U	NS			0.43		U	0.43		U	NS			0.43		U	NS			NS			0.43		U	0.43		U	NS		
	24-Oct-18	NS			0.43		U	NS			NS			0.43		U	NS			0.43		U	0.43		U	0.43		U	NS			0.43		U
	16-Jan-19	0.085		U	NS			0.085		U	0.085		U	NS			0.085		U	NS			NS			0.085		U	0.085		U	NS		
	12-Apr-19	NS			0.085		U	NS			NS			0.085		U	NS			0.11		U	0.13		U	0.13		U	NS			0.13		U
	29-Jul-19	0.13		U	NS			0.13		U	0.085		U	NS			0.12			NS			NS			NS			2.3			NS		
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.13		U	NS		
	29-Oct-19	NS			0.085		U	NS			NS			0.085		U	NS			0.085		U	0.085		U	0.43 ^U		U	0.43 ^U		U	0.43 ^U		
	21-Jan-20	0.09		U	NS			0.09		U	0.09		U	NS			0.09		U	NS			NS			0.09		U	0.09		U	NS		
	22-Apr-20	NS			0.085		U	NS			NS			0.085		U	NS			0.085		U	0.085		U	0.085		U	NS			0.085		U
	23-Jul-20	0.085		U	NS			0.085		U	0.085		U	NS			0.17		U	NS			NS			0.17		U	0.17		U	NS		
	29-Oct-20	NS			0.085		U	NS			NS			0.085		U	NS			0.085		U	0.085		U	0.085		U	NS			0.085		U
	19-Jan-21	0.085-Jan																																

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,2-Dichlorobenzene	10-Jan-18	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U
	11-Apr-18	NS		0.12	U	NS		NS		1.2	U	NS		1.2	U	NS		0.12	U	NS		1.2	U
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.18	U	NS	
	27-Jul-18	0.60	U	NS		0.60	U	0.60	U	NS		0.60	U	NS		NS		0.60	U	0.60	U	NS	
	24-Oct-18	NS		0.6	U	NS		NS		0.6	U	NS		0.6	U	NS		0.60	U	NS		0.6	U
	16-Jan-19	0.12	U	NS		0.12	U	NS		0.12	U	NS		NS	U	NS		0.12	U	0.12	U	NS	
	12-Apr-19	NS		0.12	U	NS		NS		0.12	U	NS		0.15	U	0.18	U	0.18	U	NS		0.18	U
	29-Jul-19	0.18	U	NS		0.18	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.18	U	NS	
	29-Oct-19	NS		0.12	U	NS		NS		0.23		NS		0.12	U	0.12	U	0.6 ^U	U	0.6 ^U	U	0.6 ^U	
	21-Jan-20	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	22-Apr-20	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	23-Jul-20	0.12	U	NS		0.12	U	0.12	U	NS		0.24	U	NS		NS		0.24	U	0.24	U	NS	
	29-Oct-20	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	19-Jan-21	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.18 ^f	U	NS	
	15-Apr-21	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	21-Jul-21	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	20-Oct-21	NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	0.12	U	NS		0.12	U
	9-Feb-22	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	7-Apr-22	NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	0.12	U	NS		0.12	U
	28-Jul-22	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	18-Oct-22	NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	0.12	U	NS		0.12	U
	24-Jan-23	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	19-Apr-23	NS		0.12 ^m	U	NS		NS		0.12 ^m	U	NS		0.12 ^m	U	0.12 ^m	U	0.12 ^m	U	NS		0.12 ^m	U
	5-Jul-23	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.12	U	NS		0.12	U	NS		0.12	U	NS		NS		NS		0.12	U	0.12	U	NS	
	25-Oct-23	NS		0.12	U	NS		NS		NS		0.12	U	NS		0.18	U	0.18	U	0.12	U	NS	
	9-Jan-24	0.12	U	NS		0.12	U	NS		NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	25-Apr-24	NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	0.12	U	NS		0.12	U
	4-Sep-24	0.12	U	NS		0.12	U	NS		NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	15-Oct-24	NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	0.12	U	NS		0.12	U
	22-Jan-25	0.12	U	NS		0.12	U	NS		NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	30-Apr-25	NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	0.12	U	NS		0.12	U
1,3-Dichlorobenzene	10-Jan-18	0.12	U	NS		0.19		0.28		NS		0.12	U	NS		NS		0.37		NS		0.69	
	11-Apr-18	NS		0.12	U	NS		NS		1.2	U	NS		1.2	U	NS		0.58		NS		1.2	U
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		3.2		NS	
	27-Jul-18	3.4		NS		6.4		4.4		NS		4.1		NS		NS		1.1		1.1		NS	
	24-Oct-18	NS		0.6	U	NS		NS		0.6	U	NS		0.6	U	NS		0.6	U	NS		0.6	U
	16-Jan-19	0.12	U	NS		0.12	U	0.12		NS		0.12	U	NS		NS		0.19		0.24		NS	
	12-Apr-19	NS		0.2		NS		NS		0.13		NS		0.15	U	0.18	U	0.18	U	NS		0.18	U
	29-Jul-19	3.3		NS		3		6.4		NS		6.7		NS		NS		1.4		3.6		NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		1		NS	
	29-Oct-19	NS		1		NS		NS		1.4		NS		0.22		1.1		2.6 ^U		4.1 ^U		2.7 ^U	
	21-Jan-20	0.57		NS		0.68		0.67		NS		0.25		NS		NS		0.93		0.12	U	NS	
	22-Apr-20	NS		0.3		NS		NS		0.13		NS		0.63		0.84		0.12	U	NS		0.12	U
	23-Jul-20	0.12	U	NS		6.3		0.12	U	NS		0.24	U	NS		NS		0.24	U	NS	U	NS	
	29-Oct-20	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	19-Jan-21	0.12	U	NS		0.12	U	NS		0.12	U	NS		0.12	U	NS		0.12	U	0.18 ^f	U	NS	
	15-Apr-21	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	21-Jul-21	2.2		NS		1.6		NS		NS		3.5		NS		NS		0.19		0.26		NS	
	20-Oct-21	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	9-Feb-22	0.23		NS		0.39		1.6		NS		0.27	U	NS		NS		0.56		0.68		NS	
	7-Apr-22	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	28-Jul-22	2.2		NS		6.6		2.9		NS		3.1		NS		NS		0.12	U	0.12	U	NS	
	18-Oct-22	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	24-Jan-23	0.12	U	NS		0.12	U	NS		0.12	U	NS		0.12	U	NS		0.12	U	0.12	U	NS	
	19-Apr-23	NS		1.2		NS		NS		0.52		NS		0.35		2.2		1.4		NS		0.14	
	5-Jul-23	NS		NS		NS		0.12	U	NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	3.3		NS		6.9		7		NS		7.2		NS		NS		1.2		0.88		NS	
	25-Oct-23	NS		3.2		NS		NS		2.9		NS		5.9		5.1		0.12	U	NS		0.25	

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual
Dichlorodifluoromethane (Freon 12)	10-Jan-18	0.66			NS			0.67			0.65			NS			0.63			NS			NS			0.63			NS			0.63		
	11-Apr-18	NS			1.2			NS			NS			2.8			NS			2.7			2.7			1.1			NS			2.7		
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			NS			1.6			NS		
	27-Jul-18	1.6			NS			1.7			1.6			NS			1.5			NS			NS			1.4			1.6			NS		
	24-Oct-18	NS			NS			1.7			NS			1.2			NS			1.1			1.1			1.3			NS			1.2		
	16-Jan-19	0.75			NS			0.78			0.75			NS			0.8			NS			NS			0.79			0.99			NS		
	12-Apr-19	NS			0.84 ^{IV}			NS			NS			0.83 ^{IV}			NS			0.86 ^{IV}			0.79			0.8			NS			1.1		
	29-Jul-19	0.15	U		NS			0.15	U		0.099	U		NS			0.099	U		NS			NS			0.099	U		0.099	U		NS		
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			NS			1.5			NS		
	29-Oct-19	NS			1.5			NS			NS			1.8			NS			1.6			1.5			2.6 ^D	U		3.4 ^D			2.8 ^D		
	21-Jan-20	2.40			NS			2.40			0.10	U		NS			NS			NS			NS			0.73	U		2.50			NS		
	22-Apr-20	NS			1.2			NS			NS			1.1			NS			1.1			1.1			1.1			NS			1.3		
	23-Jul-20	0.099	U		NS			1.1			1.1			NS			0.2	U		NS			NS			2.6			0.2			U		
	29-Oct-20	NS			0.099		U	NS			NS			0.099	U		NS			NS			0.099	U		0.099	U		NS			0.099		U
	19-Jan-21	0.91			NS			0.99			0.099	U		NS			0.96			NS			NS			0.099	U		1.1 ^F			NS		
	15-Apr-21	NS			0.099		U	NS			NS			0.099	U		NS			1.9			0.099	U		0.099	U		NS			1.9		
	21-Jul-21	1.8			NS			1.9			2.3			NS			2.2			NS			NS			2			2			NS		
	20-Oct-21	NS			2.4			NS			NS			2.5			NS			2.8			2.8			2.6			NS			2.6		
	9-Feb-22	0.7			NS			0.93			0.71			NS			0.82			NS			NS			0.88			0.91			NS		
	7-Apr-22	NS			2.2			NS			NS			2.2			NS			2.2			2.2			2.3			NS			2.3		
	28-Jul-22	0.52			NS			2.6			2.7			NS			0.099	U		NS			NS			1.6			2.7			NS		
	18-Oct-22	NS			2.4			NS			NS			2.4			NS			2.6			2.5			2.3			NS			2.4		
	24-Jan-23	2.5			NS			2.6			2.6			NS			2.5			NS			NS			2.6			2.9			NS		
	19-Apr-23	NS			0.68			NS			NS			0.7			NS			0.7			0.73			0.72			NS			0.68		
	5-Jul-23	NS			NS			NS			0.61			NS			NS			NS			NS			NS			NS			NS		
	18-Jul-23	0.6			NS			0.58			0.61			NS			0.55			NS			NS			0.53			0.58			NS		
	25-Oct-23	NS			1.2			NS			NS			0.96			NS			1.3			1.7			1.2			NS			1.2		
	9-Jan-24	1.4			NS			1.4			1.5			NS			1.2			NS			NS			0.97			1.5			NS		
	25-Apr-24	NS			1.6			NS			NS			1.7			NS			1.6			1.7			1.7			NS			1.6		
	4-Sep-24	1.1			NS			1.1			1.3			NS			0.54			NS			NS			0.64			0.66			NS		
	15-Oct-24	NS			2.47			NS			NS			2.17			NS			2.24			2.34			2.34			NS			2.07		
	22-Jan-25	1.63			NS			1.61			1.6			NS			1.61			NS			NS			1.6			1.62			NS		
	30-Apr-25	NS			2.44			NS			NS			2.41			NS			2.32			2.34			2.31			NS			2.29		
1,1-Dichloroethane	10-Jan-18	0.04	U		NS			0.04	U		0.04	U		NS			0.04	U		NS			NS			0.04	U		NS			0.04	U	
	11-Apr-18	NS			0.081	U		NS			NS			0.81	U		NS			0.81	U		0.81	U		0.081	U		NS			0.81	U	
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.061	U		NS		
	27-Jul-18	0.20	U		NS			0.20	U		0.20	U		NS			0.20	U		NS			NS			0.20	U		0.20	U		NS		
	24-Oct-18	NS			0.2	U		NS			NS			0.2	U		NS			0.2	U		0.2	U		0.20	U		NS			0.2	U	
	16-Jan-19	0.04	U		NS			0.04	U		0.04	U		NS			0.04	U		NS			NS			0.04	U		0.04	U		NS		
	12-Apr-19	NS			0.04	U		NS			NS			0.04	U		NS			0.051	U		0.061	U		0.061	U		NS			0.061	U	
	29-Jul-19	0.061	U		NS			0.24			0.04	U		NS			0.13			NS			NS			0.04	U		1.1			NS		
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.061	U		NS		
	29-Oct-19	NS			0.04	U		NS			NS			0.04	U		NS			0.04	U		0.04	U		0.04	U		0.2 ^V	U		0.2 ^V		
	21-Jan-20	0.04	U		NS			0.04	U		0.04	U		NS			0.04	U		NS			NS			0.04	U		0.04	U		NS		
	22-Apr-20	NS			0.04	U		NS			NS			0.04	U		NS			0.04	U		0.04	U		0.04	U		NS			0.04	U	
	23-Jul-20	0.04	U		NS			0.04	U		0.04	U		NS			0.081	U		NS			NS			0.081	U		0.081	U		NS		
	29-Oct-20	NS			0.04	U		NS			NS	</																						

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
January 2018 - November 2024

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,1-Dichloroethene	10-Jan-18	0.04	U	NS		0.04	U	0.04	U	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U
	11-Apr-18	NS		0.079	U	NS		NS		0.79	U	NS		0.79	U	0.79	U	0.079	U	NS		0.79	U
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.059	U	NS	
	27-Jul-18	0.20	U	NS		0.20	U	0.20		NS		0.20	U	NS		NS		0.20	U	0.20	U	NS	
	24-Oct-18	NS		0.2	U	NS		NS		0.2	U	NS		0.2	U	0.2	U	0.20	U	NS		0.2	U
	16-Jan-19	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	12-Apr-19	NS		0.04	U	NS		NS		0.04	U	NS		0.05	U	0.059	U	0.059	U	NS		0.059	U
	29-Jul-19	0.059	U	NS		0.059	U	0.04	U	NS		0.04	U	NS		NS		0.04	U	1.1		NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.059	U	NS	
	29-Oct-19	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.2"	U	0.2"	U	0.2"	
	21-Jan-20	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04		NS	
	22-Apr-20	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	23-Jul-20	0.04	U	NS		0.04	U	0.04		NS		0.079	U	NS		NS		0.079	U	0.079	U	NS	
	29-Oct-20	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	19-Jan-21	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.059 ^f	U	NS	
	15-Apr-21	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	NS		0.04	U	NS		0.04	U
	21-Jul-21	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	20-Oct-21	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	9-Feb-22	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	7-Apr-22	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	28-Jul-22	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	18-Oct-22	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	24-Jan-23	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	19-Apr-23	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	5-Jul-23	NS		NS		NS		0.04		NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	25-Oct-23	NS		0.04	U	NS		NS		0.04	U	NS		0.059	U	0.059	U	0.04	U	NS		0.04	U
	9-Jan-24	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	25-Apr-24	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	4-Sep-24	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	15-Oct-24	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	22-Jan-25	0.079	U	NS		0.079	U	0.079		NS		0.079	U	NS		NS		0.079	U	0.079	U	NS	
	30-Apr-25	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
cis-1,2-Dichloroethene*	10-Jan-18	0.04	U	NS		0.04	U	0.04	U	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U
	11-Apr-18	NS		0.079	U	NS		NS		0.79	U	NS		0.79	U	0.79	U	0.079	U	NS		0.79	U
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.059	U	NS	
	27-Jul-18	0.20	U	NS		0.20	U	0.20		NS		0.20	U	NS		NS		0.20	U	0.20	U	NS	
	24-Oct-18	NS		0.2	U	NS		NS		0.2	U	NS		0.2	U	0.2	U	0.20	U	NS		0.2	U
	16-Jan-19	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	12-Apr-19	NS		0.04	U	NS		NS		0.04	U	NS		0.05	U	0.059	U	0.059	U	NS		0.059	U
	29-Jul-19	0.059	U	NS		0.059	U	0.071	U	NS		0.062		NS		NS		0.059		1.1		NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.059	U	NS	
	29-Oct-19	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.2"	U	0.2"	U	0.2"	
	21-Jan-20	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04		NS	
	22-Apr-20	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	23-Jul-20	0.04	U	NS		0.04	U	0.04		NS		0.079	U	NS		NS		0.079	U	0.079	U	NS	
	29-Oct-20	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	19-Jan-21	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.059 ^f	U	NS	
	15-Apr-21	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	21-Jul-21	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	20-Oct-21	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	9-Feb-22	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	7-Apr-22	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	28-Jul-22	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	18-Oct-22	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	24-Jan-23	0.04	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	19-Apr-23	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U
	5-Jul-23	NS		NS		NS		0.04		NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.057	U	NS		0.04	U	0.04		NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	

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Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual	
1,2-Dichloropropane	10-Jan-18	0.046		U	NS		0.046		U	0.046		U	NS		U	0.046		U	NS		U	0.046		U	NS		U	NS		U	0.046		U		
	11-Apr-18	NS			0.092		U	NS			NS		U	0.92 ^U		U	NS		U	0.92 ^U		U	NS		U	0.092		U	NS		U	0.92 ^U			
	23-May-18	NS			NS			NS			NS			NS		U	NS			NS			NS			NS		U	0.069		U	NS			
	27-Jul-18	0.23		U	NS		0.23		U	0.23		U	NS			0.23		U	NS			0.23		U	NS		U	0.23		U	NS				
	24-Oct-18	NS			0.23		U	NS			NS			0.23		U	NS			0.23		U	0.23		U	NS			U	NS	0.23				
	16-Jan-19	0.046		U	NS		0.046		U	0.046		U	NS			0.046		U	NS			0.046		U	NS		U	0.046		U	NS				
	12-Apr-19	NS			0.046		U	NS			NS			0.046		U	NS			0.058		U	0.069		U	NS			U	NS	0.069				
	29-Jul-19	0.069		U	NS		0.069		U	0.046			NS			0.046		U	NS			NS			U	NS			U	1.1		NS			
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			NS		U	0.069		U	NS			
	29-Oct-19	NS			0.046		U	NS			NS			0.046		U	NS			0.046		U	0.046		U	NS		U	0.23 ^U		U	0.23 ^U			
	21-Jan-20	0.05		U	NS			0.05		U	0.05			NS			NS			NS			NS			U	NS			U	0.05		U	NS	
	22-Apr-20	NS			0.092 ⁺		U	NS			NS			0.092 ⁺		U	NS			0.092 ⁺		U	0.092 ⁺		U	NS			U	NS	0.092 ⁺		U		
	23-Jul-20	0.046		U	NS			0.046		U	0.046			NS			0.092			NS			NS			U	NS		U	0.092		U	NS		
	29-Oct-20	NS			0.046		U	NS			NS			0.046		U	NS			NS			0.046		U	NS			U	NS		U	0.046		
	19-Jan-21	0.092		U	NS			0.092		U	0.092			NS			0.092			NS			NS			U	NS			U	0.14 ^U		U	NS	
	15-Apr-21	NS			0.046		U	NS			NS			0.046		U	NS			NS			0.046		U	NS			U	0.046		U	NS		
	21-Jul-21	0.046		U	NS			0.046		U	0.046			NS			0.046			NS			NS			U	NS			U	0.046		U	NS	
	20-Oct-21	NS			0.046		U	NS			NS			0.046		U	NS			NS			0.046		U	NS			U	NS		U	0.046		
	9-Feb-22	0.046			NS			0.046		U	0.046			NS			0.046			NS			NS			U	NS			U	0.046		U	NS	
	7-Apr-22	NS			0.046			NS			NS			0.046		U	NS			NS			0.046		U	NS			U	0.046		U	NS		
	28-Jul-22	0.046			NS			0.046		U	0.046			NS			0.046			NS			NS			U	NS			U	0.046		U	NS	
	18-Oct-22	NS			0.046		U	NS			NS			0.046		U	NS			NS			0.046		U	NS			U	NS		U	0.046		
	24-Jan-23	0.046		U	NS			0.046		U	0.046			NS			0.046			NS			NS			U	NS			U	0.054		U	NS	
	19-Apr-23	NS			0.046		U	NS			NS			0.046		U	NS			NS			0.046		U	NS			U	NS		U	0.046		
	5-Jul-23	NS			NS			NS			0.059			NS			NS			NS			NS				U	NS			U	NS		U	NS
	18-Jul-23	0.046		U	NS			0.046		U	0.046			NS			0.11			NS			NS				U	NS			U	0.096		U	NS
	25-Oct-23	NS			0.11			NS			NS			0.078			NS			0.069		U	0.094		U	0.046			U	NS		U	0.046		
	9-Jan-24	0.046		U	NS			0.046		U	0.046			NS			0.046		U	NS			NS			U	NS			U	0.046		U	NS	
	25-Apr-24	NS			0.046		U	NS			NS			0.046		U	NS			NS			0.046		U	0.046			U	NS		U	0.046		
	4-Sep-24	0.046		U	NS			0.046		U	0.046			NS			NS			NS			NS			U	NS			U	0.046		U	NS	
	15-Oct-24	NS			0.092		U	NS			NS			0.092		U	NS			NS			0.092		U	0.092			U	NS		U	0.092		
	22-Jan-25	0.092		U	NS			0.092		U	0.092			NS			NS			NS			NS			U	NS			U	0.092		U	NS	
	30-Apr-25	NS			0.092		U	NS			NS			NS			0.092			NS			0.092		U	0.092			U	NS		U	0.092		
cis-1,3-Dichloropropene	10-Jan-18	0.045		U	NS		0.045		U	0.045			NS			NS			NS			NS			U	NS			U	NS		U	0.045		
	11-Apr-18	NS			0.091		U	NS			NS			0.91		U	NS			0.91		U	NS			U	NS			U	NS		U	0.91	
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			U	NS			U	NS		U	NS	
	27-Jul-18	0.23		U	NS		0.23		U	0.23			NS			0.23		U	NS			NS			U	NS			U	0.23		U	NS		
	24-Oct-18	NS			0.23		U	NS			NS			0.23		U	NS			0.23		U	0.23		U	NS			U	NS		U	0.23		
	16-Jan-19	0.045		U	NS		0.045		U	0.045			NS			0.045		U	NS			NS			U	NS			U	0.045		U	NS		
	12-Apr-19	NS			0.045		U	NS			NS			0.045		U	NS			0.057		U	0.068		U	NS			U	NS		U	0.068		
	29-Jul-19	0.068		U	NS		0.068		U	0.045			NS			0.045		U	NS			NS			U	NS			U	0.045		U	NS		
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			U	NS			U	NS		U	NS	
	29-Oct-19	NS			0.045		U	NS			NS			0.045		U	NS			0.045		U	NS			U	NS			U	0.23 ^U		U	0.23 ^U	
	21-Jan-20	0.05		U	NS			0.05		U	0.05			NS			0.05		U	NS			NS			U	NS			U	0.05		U	NS	
	22-Apr-20	NS			0.045 ⁺		U	NS			NS			0.045 ⁺		U	NS			0.045 ⁺		U	0.045 ⁺		U	NS			U	NS		U	0.045 ⁺		
	23-Jul-20	0.045		U	NS			0.045		U	0.045																								

Summary of Subslab Air Sampling Data
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Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual
Ethylbenzene	10-Jan-18	0.5			NS			0.11			0.22			NS			0.19			NS			NS			0.94			NS			0.4		
	11-Apr-18	NS			0.13			NS			NS			0.87			NS			0.87			0.87			0.37			NS			0.87		
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.19			NS		
	27-Jul-18	0.43		U	NS			0.43		U	0.43			NS			0.43		U	NS			NS			0.43		U	0.43			NS		
	24-Oct-18	NS			0.43		U	NS			NS			0.43		U	NS			0.7			0.43		U	0.49			NS			0.43		
	16-Jan-19	0.51			NS			0.087		U	0.11			NS			0.13			NS			NS			0.26			0.31			NS		
	12-Apr-19	NS			0.1			NS			NS			0.11			NS		U	0.2			NS			0.19			NS			0.37		
	29-Jul-19	3.6			NS			3.7			4.6			NS			5.5			NS			NS			2.4			3.3			NS		
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			NS			1.4			NS		
	29-Oct-19	NS			0.64			NS			NS			0.48			NS			0.2			0.66			1.1 ^u			1.6 ^u			0.97 ^u		
	21-Jan-20	0.24			NS			0.30			0.27			0.19			NS			NS			NS			0.92			1.10			NS		
	22-Apr-20	NS			0.087		U	NS			NS			0.087		U	NS			0.087		U	0.087		U	0.29			NS			0.39		
	23-Jul-20	0.92			NS			0.29			0.27			NS			NS			NS			NS			0.71			1.3			NS		
	29-Oct-20	NS			0.19			NS			NS			0.2			NS			0.16			0.27			0.43			NS			0.68		
	19-Jan-21	0.15			NS			0.087		U	0.087			NS			NS			NS			NS			0.28			0.31 ^u			NS		
	15-Apr-21	NS			0.087		U	NS			NS			0.087		U	NS			0.087		U	0.087		U	0.18			NS			0.094		
	21-Jul-21	2.5			NS			2.7			0.97			NS			6			NS			NS			1.1			2.7			NS		
	20-Oct-21	NS			0.097			NS			NS			0.11			NS			0.11			0.12			0.24			NS			0.24		
	9-Feb-22	0.087		U	NS			0.087		U	0.087			NS			NS			0.087		U	NS			0.33			0.43			NS		
	7-Apr-22	NS			1.2			NS			NS			1.4			NS			1.5			1.1			0.4			NS			0.53		
	28-Jul-22	0.54			NS			0.8			0.86			NS			NS			NS			NS			0.4			0.63			NS		
	18-Oct-22	NS			0.34			NS			NS			0.44			NS			0.65			0.62			0.45			NS			0.62		
	24-Jan-23	0.087		U	NS			0.29			0.39			NS			0.22			NS			NS			0.39			0.61			NS		
	19-Apr-23	NS			6			NS			NS			7			NS			5.8			5.1			6.9			NS			1.6		
	5-Jul-23	NS			NS			NS			0.12			NS			NS			NS			NS			NS			NS			NS		
	18-Jul-23	1.3			NS			0.3			0.28			NS			4.2			NS			NS			NS			2			2.3		
	25-Oct-23	NS			0.85			NS			NS			0.93			NS			0.86			0.93			0.63			NS			0.87		
	9-Jan-24	0.12			NS			0.19			0.11			NS			0.2			NS			NS			0.29			0.5			NS		
	25-Apr-24	NS			0.18			NS			NS			0.4			NS			0.61			0.54			0.97			NS			1.1		
	4-Sep-24	0.56			NS			1.2			0.56			NS			0.6			NS			NS			0.36			0.58			NS		
	15-Oct-24	NS			0.087			NS			NS			0.182			NS			0.169			0.195			0.191			NS			0.408		
	22-Jan-25	0.243			NS			0.174			0.182			NS			0.2			NS			NS			0.404			0.382			NS		
	30-Apr-25	NS			0.226			NS			NS			0.274			NS			0.178			0.213			0.308			NS			0.3		
Isopropylbenzene	10-Jan-18	0.25		U	NS			0.25		U	0.25			NS			0.25		U	NS			NS			0.25		U	NS			0.25		
	11-Apr-18	NS			0.25		U	NS			NS			2.5		U	NS			2.5		U	2.5		U	0.25		U	NS			2.5		
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.37			NS		
	27-Jul-18	1.2		U	NS			1.2		U	1.2			NS			1.2		U	NS			NS			1.2		U	1.2			NS		
	24-Oct-18	NS			1.2		U	NS			NS			1.2		U	NS			1.2		U	1.2		U	1.2		U	NS			1.2		
	16-Jan-19	0.25		U	NS			0.25		U	0.25			NS			0.25		U	NS			NS			0.25		U	0.25			NS		
	12-Apr-19	NS			0.25		U	NS			NS			0.25		U	NS			0.31		U	0.37		U	0.37		U	NS			0.37		
	29-Jul-19	0.37		U	NS			0.37		U	0.25			NS			0.25		U	NS			NS			0.25		U	0.25			NS		
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.37			NS		
	29-Oct-19	NS			0.25		U	NS			NS			0.25		U	NS			0.25		U	0.25		U	1.2 ^u		U	1.2 ^u			NS		
	21-Jan-20	0.25		U	NS			0.25		U	0.25			NS			0.25		U	NS			NS			0.25		U	NS			NS		
	22-Apr-20	NS			0.25		U	NS			NS			0.25		U	NS			0.25		U	0.25		U	0.25		U	NS			0.25		
	23-Jul-20	0.25		U	NS			0.25			NS			NS			NS			NS			NS			0.5		U	0.5			NS		
	29-Oct-20	NS			0.25		U	NS			NS			0.25		U	NS			0.25		U	0.25		U	0.25		U	NS			0.25		
	19-Jan-21	0.25		U	NS			0.25		U	0.25			NS			NS			NS			NS			0.25		U	0.37 ^u			NS		
	15-Apr-21	NS			0.25																													

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Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual	
Methyl tert butyl ether (MTBE)	10-Jan-18	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		0.072	U	NS		NS		NS		0.072	U	NS		NS		0.072	U	NS		
	11-Apr-18	NS			0.072		U	NS		NS		NS		0.72		U	NS		NS		0.72		U	NS	0.072	U	NS		NS		0.72	U	NS		
	23-May-18	NS			NS			NS		NS		NS		NS			NS		NS		NS			NS			U	NS		NS		NS			
	27-Jul-18	0.36		U	NS		0.36	U	NS		0.36	U	NS		NS		0.36	U	NS		NS		0.36	U	0.36	U	NS		0.36	U	NS		NS		
	24-Oct-18	NS			0.36		U	NS		NS		0.36	U	NS		0.36	U	NS		0.36	U	NS		0.36	U	NS		NS		0.36	U	NS			
	16-Jan-19	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		NS		NS		NS		NS		0.072	U	0.072	U	NS		0.072	U	NS		
	12-Apr-19	NS			0.072		U	NS		NS		NS		0.072	U	NS		0.09	U	NS		0.11	U	0.11	U	NS		NS		0.11	U	NS			
	29-Jul-19	0.11		U	NS		0.11	U	NS		0.072	U	NS		NS		NS		NS		NS		0.072	U	1		NS		NS		NS				
	26-Sep-19	NS			NS			NS		NS		NS		NS		NS		NS		NS		NS		NS		0.11	U	NS		NS		NS			
	29-Oct-19	NS			0.072		U	NS		NS		NS		0.072	U	NS		0.072	U	0.072		0.072	U	0.36 ^U	U	0.36 ^U	U	NS		0.36 ^U	U	NS			
	21-Jan-20	0.07		U	NS		0.07	U	NS		0.07	U	NS		NS		NS		NS		NS		NS		0.07	U	NS		NS		NS		NS		
	22-Apr-20	NS			0.072		U	NS		NS		NS		0.072	U	NS		NS		NS		NS		0.072	U	NS		NS		NS		0.072	U	NS	
	23-Jul-20	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		NS		
	29-Oct-20	NS			0.072		U	NS		NS		NS		0.072	U	NS		NS		NS		NS		0.072	U	NS		NS		NS		NS			
	19-Jan-21	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		0.11 ^U	U	NS		NS		NS		
	15-Apr-21	NS			0.072		U	NS		NS		NS		0.072	U	NS		NS		NS		NS		0.072	U	NS		NS		NS		NS			
	21-Jul-21	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
	20-Oct-21	NS			0.072		U	NS		NS		NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	9-Feb-22	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
	7-Apr-22	NS			0.13			NS		NS		NS		0.072	U	NS		NS		NS		NS		0.072	U	NS		NS		NS		NS		NS	
	28-Jul-22	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		NS		NS		NS		NS		0.072	U	NS		NS		NS		NS		
	18-Oct-22	NS			0.14		U	NS		NS		0.14	U	NS		NS		0.14	U	NS		0.14	U	0.14	U	NS		NS		NS		0.14	U	NS	
	24-Jan-23	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
	19-Apr-23	NS			0.072		U	NS		NS		NS		0.072	U	NS		NS		NS		0.072	U	NS		NS		NS		NS		NS		NS	
	5-Jul-23	NS			NS			NS		NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
	25-Oct-23	NS			0.072		U	NS		NS		NS		0.072	U	NS		0.11	U	0.11	U	NS		NS		NS		NS		NS		NS		NS	
	9-Jan-24	0.072		U	NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
	25-Apr-24	NS			0.072		U	NS		NS		NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	4-Sep-24	0.072		U	NS		0.072	U	NS		0.072	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
	15-Oct-24	NS			0.721		U	NS		NS		NS		0.721	U	NS		NS		0.721	U	NS		0.721	U	NS		NS		NS		0.721	U	NS	
	22-Jan-25	0.721		U	NS		0.721	U	NS		0.721	U	NS		NS		NS		0.721	U	NS		NS		NS		NS		NS		NS		NS		
	30-Apr-25	NS			27.5			NS		NS		NS		2.15		NS		1.48		1.96		5.54		NS		NS		NS		NS		NS			
Methylene chloride	10-Jan-18	0.78			NS		0.69	U	NS		0.69	U	NS		NS		1.1		NS		NS		NS		1.1		NS		NS		0.69	U	NS		
	11-Apr-18	NS			0.69		U	NS		NS		NS		6.9 ^U	U	NS		NS		6.9 ^U	U	8.8 ^U		NS		1.7		NS		6.9 ^U	U	NS			
	23-May-18	NS			NS			NS		NS		NS		NS		NS		NS		NS		NS		NS		1		NS		NS		NS			
	27-Jul-18	3.5		U	NS		3.5	U	NS		3.5	U	NS		NS		3.5	U	NS		NS		NS		3.5	U	NS		NS		NS				
	24-Oct-18	NS			3.5		U	NS		NS		NS		3.5	U	NS		NS		NS		NS		NS		3.5	U	NS		NS		NS			
	16-Jan-19	0.69		U	NS		0.69	U	NS		0.69	U	NS		NS		1.6		NS		NS		NS		1.1		0.69	U	NS		NS				
	12-Apr-19	NS			0.69		U	NS		NS		NS		0.69	U	NS		NS		0.87	U	NS		1.1		2.6		NS		1	U	NS			
	29-Jul-19	1		U	NS		1	U	NS		0.69	U	NS		NS		0.69	U	NS		NS		NS		NS		0.69	U	1.3		NS				
	26-Sep-19	NS			NS			NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS			
	29-Oct-19	NS			0.69		U	NS		NS		NS		0.69	U	NS		NS		0.69	U	NS		1.8		3.5 ^U	U	3.5 ^U	U	NS		3.5 ^U	U		
	21-Jan-20	0.69		U	NS		0.69	U	NS		0.69	U	NS		NS		NS		NS		NS		NS		NS		0.69	U	NS		NS				
	22-Apr-20	NS			3.9			NS		NS		NS		2.1		NS		1.7		3.8		0.69		NS	</										

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Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual	
Styrene	10-Jan-18	0.085		U	NS		0.085		U	0.085		U	0.085		U	NS		0.085		U	NS		U	NS		U	0.18		NS		0.82		U		
	11-Apr-18	NS			0.085					NS			0.85			NS		0.85			NS			0.85		U	0.085		NS		0.85				
	23-May-18	NS			NS		NS		NS		NS		NS		U	NS		NS		U	NS			NS			NS		0.42		NS				
	27-Jul-18	0.43		U	NS		0.43		U	0.43		U	NS			NS		0.43		U	NS			NS			0.68		0.43		NS				
	24-Oct-18	NS			0.43		NS		U	NS			0.43		U	NS		0.43		U	0.43		U	NS			0.43		NS		0.43		U		
	16-Jan-19	0.085		U	NS		0.085		U	0.085		U	NS			NS		NS		U	NS			NS			0.25		0.29		NS				
	12-Apr-19	NS			0.11		NS		NS		NS		0.085		U	NS		0.11		U	0.16			NS			0.42		NS		0.88				
	29-Jul-19	0.61			NS		0.78			1.1			NS			NS		1.3			NS			NS			0.48		2.8		NS				
	26-Sep-19	NS			NS		NS		NS		NS		NS			NS		NS			NS			NS			NS		0.43		NS				
	29-Oct-19	NS			0.085		NS		U	NS			NS			NS		0.19			NS		U	0.085		U	0.43 ^U		0.43 ^U		U	3.6 ^U		U	
	21-Jan-20	0.09		U	NS		0.16			0.22			0.12			NS		NS			NS			NS			0.42		1.20		NS				
	22-Apr-20	NS			0.085		NS		U	NS			0.085		U	NS		0.085		U	NS		U	0.085		U	0.12		NS		0.28				
	23-Jul-20	0.25			NS		0.085		U	0.085		U	NS			NS		0.34			NS			NS			0.54		1.9		NS				
	29-Oct-20	NS			0.12		NS			NS			0.13			NS		0.11			0.13			NS			0.26		NS		0.4				
	19-Jan-21	0.085		U	NS		0.085		U	0.085		U	NS			NS		0.085		U	NS			NS			0.17		0.36 ^U		NS				
	15-Apr-21	NS			0.1		NS			NS			0.085		U	NS		0.085		U	NS		U	0.12			0.17		NS		0.11				
	21-Jul-21	0.36			NS		0.39			0.41			0.78			NS		NS			NS			NS			0.41		1		NS				
	20-Oct-21	NS			0.087		NS			NS			0.12			NS		0.12			0.11			NS			0.26		NS		0.2				
	9-Feb-22	0.16			NS		0.14			0.26			NS			NS		0.21			NS			NS			0.92		0.94		NS				
	7-Apr-22	NS			0.17		NS			NS			0.18			NS		0.17			0.16			NS			0.35		NS		0.51				
	28-Jul-22	0.76			NS		1.5			1.2			NS			NS		1.1			NS			NS			0.55		0.65		NS				
	18-Oct-22	NS			0.31 ^U		NS			NS			0.49 ^U			NS		0.67 ^U			0.54 ^U			0.42 ^U			NS		0.63 ^U						
	24-Jan-23	0.085		U	NS		0.47			0.51			0.13			NS		NS			NS			NS			0.35		0.79		NS				
	19-Apr-23	NS			1.7		NS			NS			1.8			NS		1.7			1.5			NS			2.6		NS		0.5				
	5-Jul-23	NS			NS		NS			0.12			NS			NS		NS			NS			NS			NS		NS		NS				
	18-Jul-23	0.43			NS		0.43			0.32			NS			NS		11			NS			NS			4.6		4.9		NS				
	25-Oct-23	NS			1.7		NS			NS			1.8			NS		2			1.7			NS			0.82		NS		2.3				
	9-Jan-24	0.085		U	NS		0.11			0.12			NS			NS		NS			NS			NS			0.16		0.28		NS				
	25-Apr-24	NS			0.085		U			NS			0.085		U	NS		0.085		U	NS		U	0.085		U	0.36		NS		1.1				
	4-Sep-24	0.13			NS		0.43			0.37			NS			NS		0.29			NS			NS			0.12		0.29		NS				
	15-Oct-24	NS			0.085		U			NS			0.085		U	NS		NS		U	NS		U	0.085		U	0.085		NS		0.209				
	22-Jan-25	0.085		U	NS		0.085		U	0.085		U	NS		U	NS		0.085		U	NS		U	NS		U	0.132		0.17		NS				
	30-Apr-25	NS			0.119		NS			NS			NS			0.111		NS			0.098			NS			0.17		NS		0.162				
1,1,1,2-Tetrachloroethane	10-Jan-18	0.25		U	NS		0.25		U	0.25		U	NS		U	NS		0.25		U	NS		U	NS		U	0.25		U		NS		0.25		U
	11-Apr-18	NS			0.25		NS		U	NS			2.5		U	NS		NS		U	2.5		U	NS		U	0.25		U		NS		2.5		U
	23-May-18	NS			NS		NS		NS		NS		NS			NS		NS			NS			NS			NS		0.37		U		NS		
	27-Jul-18	1.2		U	NS		1.2		U	1.2		U	NS			NS		1.2		U	NS			NS			1.2		U		1.2		U		
	24-Oct-18	NS			1.2		NS			NS			1.2		U	NS		1.2		U	1.2		U	NS		U	1.2		NS		1.2		U		
	16-Jan-19	0.25		U	NS		0.25		U	0.25		U	NS			NS		NS		U	NS			NS			0.25		U		0.25		U		
	12-Apr-19	NS			0.25		NS		U	NS			0.25		U	NS		NS		U	0.31		U	0.37		U	0.37		U		NS		0.37		U
	29-Jul-19	0.37		U	NS		0.37		U	0.25 ^L		U	NS			NS		0.25 ^L		U	NS			NS			NS		0.25 ^L		U		NS		
	26-Sep-19	NS			NS		NS		NS		NS		NS			NS		NS			NS			NS			NS		0.37		U		NS		
	29-Oct-19	NS			0.25 ^L		U	NS		NS			0.25 ^L		U	NS		0.25 ^L		U	0.25 ^L		U	0.25 ^L		U	1.2 ^{L,U}		U		1.2 ^{L,U}		U		
	21-Jan-20	0.25		U	NS		0.25		U	0.25			0.25			NS		0.25			NS			NS			0.25		U		NS		NS		
	22-Apr-20	NS			0.25		U	NS		NS			0.25		U	NS		0.25		U	NS			NS			0.25		U		NS		0.25		U
	23-Jul-20	0.25		U	NS		0.25		U	0.25		U	NS			NS		0.5		U	NS			NS			0.5		U		NS		NS		
	29-Oct-20	NS			0.25																														

Summary of Subslab Air Sampling Data
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Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual
Tetrachloroethene*	10-Jan-18	0.21			NS		0.15		0.64		NS		2		NS		NS		NS		NS		0.33		NS		0.33		NS		4.9			
	11-Apr-18	NS			10		NS		NS		1.8		NS		1.4		NS		1.4		1.4	U	0.24		NS		0.24		NS		2			
	23-May-18	NS			NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		1.4		NS			
	27-Jul-18	0.68		U	NS		0.68		NS		2.5		NS		NS		NS		NS		NS		0.68		NS		0.68		18		NS			
	24-Oct-18	NS			6.1		NS		NS		6.8		NS		0.68		NS		0.68		0.68	U	0.68		NS		0.68		NS		0.68		U	
	16-Jan-19	0.44			NS		0.27		0.97		1.8		NS		NS		NS		NS		NS		0.24		NS		0.24		5.9		NS			
	12-Apr-19	NS			11		NS		NS		2.3		NS		0.29		NS		0.2		0.2	U	0.2		NS		0.2		NS		2.2			
	29-Jul-19	0.86			NS		0.92		1.4		NS		6.7		NS		NS		NS		NS		0.4		NS		0.4		5.9		NS			
	26-Sep-19	NS			NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		4.7		NS			
	29-Oct-19	NS			21		NS		NS		7.2		NS		0.14		0.16		0.16		0.68 ^U		0.68 ^U		NS		0.68 ^U		7 ^U		0.68 ^U		U	
	21-Jan-20	0.20			NS		0.14		0.41		NS		1.30		NS		NS		NS		NS		1.20		NS		1.20		7.30		NS			
	22-Apr-20	NS			2		NS		NS		0.91		NS		0.14		NS		0.14		0.14	U	0.14		NS		0.53		NS		0.88			
	23-Jul-20	0.74			NS		0.75		0.84		NS		4.5		NS		NS		NS		NS		0.84		NS		0.84		8.2		NS			
	29-Oct-20	NS			7.3		NS		NS		2.6		NS		0.44		NS		1.6		NS		0.44		NS		0.44		NS		0.89			
	19-Jan-21	1.4			NS		0.14		0.27		NS		0.14		NS		NS		NS		NS		0.52		NS		0.52		2.5 ^U		NS			
	15-Apr-21	NS			2.2		NS		NS		0.56		NS		0.36		NS		0.2		NS		0.47		NS		0.47		NS		0.26			
	21-Jul-21	0.29			NS		0.39		0.25		NS		0.43		NS		NS		NS		NS		0.33		NS		0.33		2.7		NS			
	20-Oct-21	NS			4.4		NS		NS		1.5		NS		0.16		NS		0.14		0.14		0.25		NS		0.25		NS		0.23			
	9-Feb-22	0.33			NS		0.14		0.21		NS		0.61		NS		NS		NS		NS		0.23		NS		0.23		3.7		NS			
	7-Apr-22	NS			1.7		NS		NS		0.16		NS		1.3		0.14		0.14		0.14	U	0.14		NS		0.14		NS		0.19			
	28-Jul-22	1.1			NS		0.23		0.28		NS		4.2		NS		NS		NS		NS		0.32		NS		0.32		5.2		NS			
	18-Oct-22	NS			0.14	U	NS		NS		0.19		NS		0.32		0.24		0.21		NS		0.21		NS		0.21		NS		0.28			
	24-Jan-23	0.31			NS		1		1.3		NS		0.73		NS		NS		NS		NS		1		NS		1		4.6		NS			
	19-Apr-23	NS			2.9		NS		NS		0.4		NS		0.14		0.17		0.14		NS		0.14	U	NS		0.14		NS		0.14		U	
	5-Jul-23	NS			NS		NS		0.14		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS			
	18-Jul-23	0.58			NS		0.14	U	0.33		NS		0.6		NS		NS		NS		NS		0.28		NS		0.28		1.2		NS			
	25-Oct-23	NS			0.53		NS		NS		1.3		NS		0.73		0.7		0.67		NS		0.67		NS		0.67		NS		0.48			
	9-Jan-24	0.43			NS		0.16		0.19		NS		0.33		NS		NS		NS		NS		0.99		NS		0.99		2		NS			
	25-Apr-24	NS			0.14	U	NS		NS		0.41		NS		0.14		NS		0.14		0.14	U	0.14	U	NS		0.14	U	NS		0.14		U	
	4-Sep-24	0.37			NS		4.9		1.3		NS		0.55		NS		NS		NS		NS		1.3		NS		1.3		0.19		NS			
	15-Oct-24	NS			0.136	U	NS		NS		3.78		NS		1.89		0.183		0.136		NS		0.136		NS		0.136		NS		0.264			
	22-Jan-25	0.658			NS		0.136	U	0.217		NS		0.224		NS		NS		0.136		NS		0.136		NS		0.136		NS		1.84		NS	
	30-Apr-25	NS			1.89		NS		NS		1.43		NS		0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	NS		0.136	U	NS		0.359			
Toluene	10-Jan-18	0.88			NS		0.99		1.1		NS		1		NS		NS		2.4		NS		2.4		NS		2.4		NS		1.7			
	11-Apr-18	NS			0.61		NS		NS		0.75		NS		NS	U	NS		0.75		0.75	U	NS		NS		0.75	U	NS		1.9			
	23-May-18	NS			NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.72		NS			
	27-Jul-18	1.2			NS		1.9		0.75		NS		1.6		NS		NS		NS		NS		1.4		NS		1.4		0.9		NS			
	24-Oct-18	NS			0.49		NS		NS		0.38		NS		0.47		NS		1.2		NS		1.4		NS		1.4		NS		1.5			
	16-Jan-19	1.4			NS		0.65		0.7		NS		0.77		NS		NS		NS		NS		1.6		NS		1.6		1.2		NS			
	12-Apr-19	NS			0.48		NS		NS		0.34		NS		0.24		NS		1.1		NS		1.5		NS		1.5		NS		0.88			
	29-Jul-19	1.6			NS		2		1.9		NS		3.2		NS		NS		NS		NS		1.3		NS		1.3		2.2		NS			
	26-Sep-19	NS			NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		2.2		NS			
	29-Oct-19	NS			3		NS		NS		0.89		NS		0.79		NS		3.4		NS		2.7 ^U		NS		2.7 ^U		4.5 ^U		2.7 ^U			
	21-Jan-20	0.82			NS		1.30		1.50		NS		1.00		NS		NS		NS		NS		3.40		NS		3.40		4.20		NS			
	22-Apr-20	NS			0.13		NS		NS		0.59		NS		0.081		NS		0.46		NS	U	1.1		NS		1.1		NS		1.4			
	23-Jul-20	4.2			NS		2.8		2.3		NS		3.8		NS		NS		NS		NS		3.5		NS		3.5		4.8		NS			
	29-Oct-20																																	

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,1,2-Trichloroethane	10-Jan-18	0.055		NS		0.055		0.055		NS		0.055		NS		NS		0.055		NS		0.055	
	11-Apr-18	NS		0.11		NS		NS		1.1		NS		1.1		1.1		0.11		NS		1.1	
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.082		NS	
	27-Jul-18	0.27	U	NS		0.27	U	0.27	U	NS		0.27	U	NS		NS		0.27	U	0.27	U	NS	
	24-Oct-18	NS		0.27	U	NS		NS		0.27	U	NS		0.27	U	0.27	U	0.27	U	NS		0.27	U
	16-Jan-19	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	12-Apr-19	NS		0.055	U	NS		NS		0.055	U	NS		0.068	U	0.082	U	0.082	U	NS		0.082	U
	29-Jul-19	0.082	U	NS		0.082	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	1.5		NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.082	U	NS	
	29-Oct-19	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.27 ^U	U	0.27 ^U	U	0.27 ^U	U
	21-Jan-20	0.06	U	NS		0.06	U	0.06	U	NS		0.06	U	NS		NS		0.06	U	0.06	U	NS	
	22-Apr-20	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	23-Jul-20	0.055	U	NS		0.055	U	0.055	U	NS		0.11	U	NS		NS		0.11	U	0.11	U	NS	
	29-Oct-20	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	19-Jan-21	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.082 ^U	U	NS	
	15-Apr-21	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	21-Jul-21	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	20-Oct-21	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	9-Feb-22	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	7-Apr-22	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	28-Jul-22	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	18-Oct-22	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	24-Jan-23	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	19-Apr-23	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	5-Jul-23	NS		NS		NS		0.055	U	NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	25-Oct-23	NS		0.055	U	NS		NS		0.055	U	NS		0.082	U	0.082	U	0.055	U	NS		0.055	U
	9-Jan-24	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	25-Apr-24	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	4-Sep-24	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	15-Oct-24	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	22-Jan-25	0.109	U	NS		0.109	U	0.109	U	NS		0.109	U	NS		NS		0.109	U	0.109	U	NS	
	30-Apr-25	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
Trichloroethene*	10-Jan-18	0.19		NS		0.054	U	29		NS		2.1		NS		NS		0.43		NS		65	
	11-Apr-18	NS		2.1		NS		NS		41		NS		NS		1.1	U	1.1	U	NS		37	
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		7.0		NS	
	27-Jul-18	0.27	U	NS		0.27	U	140		NS		0.68		NS		NS		0.27		74		NS	
	24-Oct-18	NS		1.7		NS		NS		110		NS		0.69		0.27	U	0.27	U	NS		4.9	
	16-Jan-19	0.29		NS		0.054	U	47		NS		1.4		NS		NS		0.054	U	42		NS	
	12-Apr-19	NS		1.8		NS		NS		45		NS		0.38		0.081	U	0.081	U	NS		21	
	29-Jul-19	0.4		NS		0.15		23		NS		4.7		NS		NS		0.24		21		NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		22		NS	
	29-Oct-19	NS		4.8		NS		NS		33		NS		0.054	U	0.11		0.27 ^U	U	23 ^U		1.1 ^U	
	21-Jan-20	0.15		NS		0.05	U	10.00		NS		1.10		NS		NS		0.06		24		NS	
	22-Apr-20	NS		0.54		NS		NS		20		NS		0.19		0.054	U	0.25		NS		1.4	
	23-Jul-20	0.69		NS		0.12		18		NS		2.6		NS		NS		0.11	U	32		NS	
	29-Oct-20	NS		2.3		NS		NS		45		NS		0.6		0.2		0.18		NS		1.9	
	19-Jan-21	1		NS		0.054	U	5.8		NS		0.054	U	NS		NS		0.71		10 ^U		NS	
	15-Apr-21	NS		0.66		NS		NS		18		NS		0.054	U	0.054	U	0.11		NS		0.22	
	21-Jul-21	0.24		NS		0.054	U	3		NS		0.72		NS		NS		0.16		14		NS	
	20-Oct-21	NS		1.5		NS		NS		43		NS		0.41		0.1		0.13		NS		1.2	
	9-Feb-22	0.39		NS		0.054	U	3.9		NS		0.89		NS		NS		0.18		17		NS	
	7-Apr-22	NS		0.56		NS		NS		0.37		NS		32		0.054	U	0.2		NS		1.8	
	28-Jul-22	0.99		NS		0.054	U	0.054	U	NS		4.1		NS		NS		0.26		24		NS	
	18-Oct-22	NS		0.054	U	NS		NS		2		NS		0.46		0.12		0.054		NS		1.6	
	24-Jan-23	0.064		NS		0.056		4.3		NS		0.19		NS		NS		0.099		18		NS	
	19-Apr-23	NS		0.83		NS		NS		11		NS		0.26		0.054		0.097		NS		0.054	
	5-Jul-23	NS		NS		NS		0.054	U	NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	0.56		NS		0.054	U	5.4		NS		0.39		NS		NS		0.12		6.4		NS	
	25-Oct-23	NS		0.054	U	NS		NS		20		NS		0.2		0.081	U	0.092					

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Volatile Organic Compounds via TO-15	Sample Date	MP-1		Qual	MP-2		Qual	MP-3		Qual	MP-4		Qual	MP-5		Qual	MP-6		Qual	MP-7		Qual	MP-8		Qual	IMP-1		Qual	IMP-2		Qual	IMP-3		Qual		
1,2,4-Trimethylbenzene	10-Jan-18	0.14			NS			0.098		U		0.18			NS			0.12			NS			NS			0.88			NS			0.76			
	11-Apr-18	NS			0.31 st			NS			NS			0.98		U	NS			0.98		U	NS		U	0.098		U	NS			0.98				
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.15		U	NS				
	27-Jul-18	0.49		U	NS			0.49		U		0.49			NS		U	0.49			NS		U	NS		U	0.49		U	0.49		U	NS			
	24-Oct-18	NS			0.49		U	NS				NS			0.49		U	0.49			NS		U	NS		U	0.49		U	NS		U	0.49			
	16-Jan-19	0.098		U	NS			0.098		U		0.098			NS		U	0.098			NS			0.098		U	0.098		U	NS		U	0.098			
	12-Apr-19	NS			0.098		U	NS			NS			0.098		U	NS			0.12		U	0.15		U	0.15		U	NS			0.15				
	29-Jul-19	2.9			NS			3.1				4.3			NS			5.3			NS			NS			1.9			3.3			NS			
	26-Sep-19	NS			NS			NS				NS			NS			NS			NS			NS			NS			0.5			NS			
	29-Oct-19	NS			1.9			NS				NS			1.5			NS			0.3			1.7			2.2 nd			2.7 th			2 nd			
	21-Jan-20	0.17			NS			0.25				0.24			NS			0.22			NS			NS			2.10			3.10			NS			
	22-Apr-20	NS			0.098		U	NS			NS			0.098		U	NS			0.098		U	0.098		U	0.098		U	NS			NS		0.098		
	23-Jul-20	0.098		U	NS			0.098		U		0.098			0.2		U	NS			NS			NS			3.9			4.9			NS			
	29-Oct-20	NS			0.098		U	NS			NS			0.098		U	NS			0.098		U	0.098		U	0.098		U	NS			NS		0.098		
	19-Jan-21	0.098			0.098			0.098		U		0.098			NS		U	NS			0.098		U	NS			0.098		U	0.15 th		U	NS			
	15-Apr-21	NS			0.098		U	NS			NS			0.098		U	NS			0.098		U	0.098		U	0.098		U	0.57			NS		0.098		
	21-Jul-21	0.74			NS			0.68				0.46			NS			1.2			NS			NS			0.82			1.1			NS			
	20-Oct-21	NS			0.17			NS			NS			0.27			NS			0.24			0.24			NS			0.51			NS		0.68		
	9-Feb-22	0.098		U	NS			0.098		U		0.098			NS		U	NS			NS			NS			0.098		U	0.098		U	NS			
	7-Apr-22	NS			0.89			NS			NS			1.2			0.9			0.84			0.84			0.098		U	NS			NS		1.2		
	28-Jul-22	2.9			NS			7			NS			4.2			NS			NS			NS			1.9			2.7			NS				
	18-Oct-22	NS			0.8			NS			NS			1.2			NS			2.2			1.6			1.7			NS			2.7				
	24-Jan-23	0.098		U	NS			0.52			0.73			NS			0.22			NS			NS			0.9			1.5			NS				
	19-Apr-23	NS			2.7			NS			NS			3.6			NS			4.4			2.8			4.4			NS			NS		0.76		
	5-Jul-23	NS			NS			NS			0.13			NS			NS			NS			NS			NS			NS			NS				
	18-Jul-23	2.8			NS			1.5			NS			1.9			NS			NS			NS			2			1.9			NS				
	25-Oct-23	NS			1.3			NS			NS			1.7			NS			1.9			1.6			0.8			NS			NS		3.5		
	9-Jan-24	0.22			NS			0.26			NS			NS			NS			NS			NS			0.51			0.89			NS				
	25-Apr-24	NS			0.098		U	NS			NS			0.098		U	NS			0.13			0.098			0.38			NS			NS		0.42		
	4-Sep-24	0.5			NS			0.86			0.71			NS			0.76			NS			NS			0.39			NS			0.66			NS	
	15-Oct-24	NS			0.113			NS			NS			0.182			NS			0.133			0.187			0.206			NS			NS		0.526		
	22-Jan-25	0.098		U	NS			0.098		U		0.098			NS		U	NS			0.098		U	NS			0.246			0.206			NS			
	30-Apr-25	NS			0.28			NS			NS			0.305			NS			0.32			0.305			0.408			NS			NS		0.541		
1,3,5-Trimethylbenzene	10-Jan-18	0.098		U	NS			0.098		U		0.098			NS			0.098		U	NS			NS			0.17			NS			0.12			
	11-Apr-18	NS			0.098		U	NS			NS			0.98		U	NS			0.98		U	NS		U	0.098		U	NS			NS		0.98		
	23-May-18	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.15		U	NS				
	27-Jul-18	0.49		U	NS			0.49		U		0.49			NS		U	0.49			NS		U	NS		U	0.49		U	0.49		U	NS			
	24-Oct-18	NS			0.49		U	NS			NS			0.49		U	NS			0.49		U	NS		U	0.49		U	NS			0.49				
	16-Jan-19	0.1			NS			0.098		U		0.098			NS			0.098			NS			NS			0.098		U	0.12			NS			
	12-Apr-19	NS			0.098		U	NS			NS			0.098		U	NS			0.12		U	0.15		U	0.15		U	NS			0.25				
	29-Jul-19	0.68			NS			0.75			1			NS			1.2			NS			NS			0.53		U	1.8			NS				
	26-Sep-19	NS			NS			NS			NS			NS			NS			NS			NS			NS			0.15			NS				
	29-Oct-19	NS			0.4			NS			NS			0.47			NS			0.098		U	0.38			0.55 nd			0.73 rd			0.49 th	U			
	21-Jan-20	0.10		U	NS			0.10		U		0.10			NS		U	NS			NS			NS			0.54			0.87			NS			
	22-Apr-20	NS			0.098		U	NS			NS			0.098		U	NS			0.098		U	0.098		U	0.29			NS			0.41				
	23-Jul-20	0.3			NS			0.098		U		0.098			NS		U	NS			NS			NS			0.2		U	1.1			NS			
	29-Oct-20	NS			0.098																															

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
p/m-Xylene	10-Jan-18	1.4		NS		0.33		0.62		NS		0.53		NS		NS		3.4		NS		1.3	
	11-Apr-18	NS		0.35		NS		NS		1.7	U	NS		1.7	U	NS		0.97		NS		1.7	U
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jul-18	0.87	U	NS		0.87	U	0.87	U	NS		0.87		NS		NS		0.87	U	0.31	U	NS	
	24-Oct-18	NS		0.87	U	NS		NS		0.87	U	NS		2		0.87		NS		0.87		NS	
	16-Jan-19	1.5		NS		0.24		0.35		NS		0.42		NS		NS		1.6		NS		1.3	
	12-Apr-19	NS		0.3		NS		0.36		NS		0.28		NS		0.52		0.88		1.1		NS	
	29-Jul-19	17		NS		17		21		NS		25		NS		NS		12		13		NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		4		NS	
	29-Oct-19	NS		2.4		NS		NS		1.8		NS		0.64		2.6		4.4 ^U		6.1 ^U		4 ^U	
	21-Jan-20	0.83		NS		1.10		0.94		NS		0.69		NS		NS		3.30		3.80		NS	
	22-Apr-20	NS		0.17	U	NS		0.17	U	NS		NS		0.17	U	0.17	U	1.2		NS		1.6	
	23-Jul-20	2.7		NS		0.99		0.99		NS		1.2		NS		NS		2.5		4.6		NS	
	29-Oct-20	NS		0.53		NS		NS		0.55		NS		0.45		0.71		1.5		NS		2.3	
	19-Jan-21	0.4		NS		0.22		0.19		NS		0.26		NS		NS		1.1		0.98 ^U		NS	
	15-Apr-21	NS		0.25		NS		NS		0.17	U	NS		0.17	U	0.23		0.62		NS		0.32	
	21-Jul-21	1.1		NS		1		0.75		NS		2		NS		NS		1.1		1.7		NS	
	20-Oct-21	NS		0.28		NS		NS		0.33		NS		0.43		0.37		0.8		NS		0.85	
	9-Feb-22	0.17	U	NS		0.17	U	0.24		NS		0.21		NS		NS		1.1		1.3		NS	
	7-Apr-22	NS		4.8		NS		NS		5.5		NS		5.8		4.2		1.3		NS		1.8	
	28-Jul-22	1.6		NS		1.9		2		NS		2.9		NS		NS		1.1		2.1		NS	
	18-Oct-22	NS		1		NS		NS		1.4		NS		2.2		2.2		1.4		NS		2.1	
	24-Jan-23	0.17	U	NS		1.1		1.5		NS		0.7		NS		NS		1.5		2.5		NS	
	19-Apr-23	NS		25		NS		NS		29		NS		24		20		27		NS		6.1	
	5-Jul-23	NS		NS		NS		0.029		NS		NS		NS		NS		NS		NS		NS	
	18-Jul-23	3.9		NS		0.78		0.72		NS		13		NS		NS		6		7		NS	
	25-Oct-23	NS		3.1		NS		NS		3.5		NS		3.4		3.3		2.3		NS		3.1	
	9-Jan-24	0.37		NS		0.58		0.29		NS		0.58		NS		NS		0.89		1.6		NS	
	25-Apr-24	NS		0.7		NS		NS		1.7		NS		2.9		2.4		4.2		NS		5.4	
	4-Sep-24	1.8		NS		4.6		2.1		NS		2.5		NS		NS		1.6		2.2		NS	
	15-Oct-24	NS		0.274		NS		NS		0.725		NS		0.686		0.76		0.751		NS		1.6	
	22-Jan-25	0.804		NS		0.617		0.634		NS		0.665		NS		NS		1.58		1.4		NS	
	30-Apr-25	NS		1.12		NS		NS		1.25		NS		0.73		0.864		1.34		NS		1.39	
o-Xylene	10-Jan-18	0.44		NS		0.12		0.2		NS	U	0.2		NS	U	NS	U	1.2		NS		0.53	U
	11-Apr-18	NS		0.13		NS		NS		0.87		NS		0.87		0.87	U	0.35		NS		0.87	
	23-May-18	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.16		NS	
	27-Jul-18	0.43	U	NS		0.43	U	0.43	U	NS		0.43	U	NS		NS		0.43	U	0.43	U	NS	
	24-Oct-18	NS		0.43	U	NS		NS		0.43	U	NS		0.43	U	0.43	U	0.63		NS		0.57	
	16-Jan-19	0.44		NS		0.089		0.13		NS		0.16		NS		NS		0.31		0.38		NS	
	12-Apr-19	NS		0.11		NS		NS		0.12		NS		0.11	U	0.19		0.25		NS		0.51	
	29-Jul-19	6.7		NS		6.9		8		NS		10		NS		NS		4.6		5.3		NS	
	26-Sep-19	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.7		NS	
	29-Oct-19	NS		1.2		NS		0.96		NS		NS		0.32		1.2		1.8 ^U		2.8 ^U		1.7 ^U	
	21-Jan-20	0.33		NS		0.44		NS		NS		0.32		NS		NS		1.5		1.8		NS	
	22-Apr-20	NS		0.087	U	NS		0.087		NS	U	NS		0.087	U	0.087	U	0.47		NS		0.62	
	23-Jul-20	0.8		NS		0.42		NS		0.41		0.72		NS		NS		1.2		2.1		NS	
	29-Oct-20	NS		0.24		NS		NS		0.29		NS		0.21		0.31		0.66		NS		1	
	19-Jan-21	0.13		NS		0.087	U	0.087	U	NS		0.087	U	NS		NS		0.4		0.41 ^U		NS	
	15-Apr-21	NS		0.12		NS		NS		0.087	U	NS		0.087	U	0.11		0.28		NS		0.15	
	21-Jul-21	0.57		NS		0.53		NS		NS		1.1		NS		NS		0.55		0.9		NS	
	20-Oct-21	NS		0.12		NS		NS		0.18		NS		0.2		0.19		0.4		NS		0.39	
	9-Feb-22	0.087	U	NS		0.087	U	0.11		NS		0.096		NS		NS		0.38		0.45		NS	
	7-Apr-22	NS		1.5		NS		NS		1.6		NS		1.7		1.3		0.56		NS		0.86	
	28-Jul-22	0.75		NS		1.2		NS		1.2		NS		NS		NS		0.58		NS		NS	
	18-Oct-22	NS		0.44		NS		NS		NS		NS		0.88		0.85		0.9		NS		0.84	
	24-Jan-23	0.087	U	0.4		NS		0.56		NS		0.24		NS		NS		0.6		1		NS	
	19-Apr-23	NS		NS		NS		7.7		NS		NS		6.7		4.9		0.6		NS		1.5	
	5-Jul-23	NS		NS		NS		0.13		NS		NS		NS		NS		6.8		NS		NS	
	18-Jul-23	1.2		NS		0.35		0.33		NS		5.2		NS		NS		2.6		2.8		NS	
	25-Oct-23	NS		1.1		NS		NS		1.3		NS		1.2		1.2		0.89		NS		1.1	
	9-Jan-24	0.14		NS		0.24		0.13		NS		0.3		NS		NS		0.35		0.57		NS	
	25-Apr-24	NS		0.25		NS		NS		0.6		NS		1.1		0.82		1.6		NS		2	
	4-Sep-24	0.63		NS		1.6		0.77		NS		0.86		NS		NS		0.56		0.86		NS	
	15-Oct-24	NS		0.109		NS		NS		0.269		NS		0.252		0.278		0.287		NS		0.643	
	22-Jan-25	0.282		NS		0.204		0.208		NS		0.23		NS		NS		0.621		0.617		NS	
	30-Apr-25	NS		0.491		NS		NS		0.491		NS		0.382		0.439		0.699		NS		0.73	

* Site Specific Compound of Concern per ATSDR Health Consultation, December 4, 2006.
^M Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.
^L Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
^V Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
^W Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
^E Reported result is estimated due to value over calibration range
^E Estimated result as the result was between the MDL and the RDL.
^P One or more method internal standards were recovered outside of the control limits. Sample re-analysis not possible due to sample volume and detection limit constraints.
^P Elevated method reporting limits due to diluted matrices. Con-test internal standards failed and samples were re-pressurized and diluted.
^I Initial calibration did not meet standard and was biased on the low side. Reported result is estimated.
^E Elevated reporting limits due to sample miss injection. Samples were re-pressurized for analysis. Applies to IMP-2 sample.
^I Initial calibration verification did not meet method specifications and was biased on the high side for this compound

NOTES:
All data presented in micrograms per cubic meter (ug/m³).
Two values displayed with a slash indicates dilutions resulting in two different concentrations. Where two reporting limits were given for multiple dilutions, the lower RL was documented in this table.
U = Designation indicates that the compound was not detected by the laboratory. Reporting limit shown in the data column.
NS = Not sampled.

APPENDIX D

Rooftop Emission Analytical Summary

Sample Date: 4 September 2023

*RIDEM Air Pollution Control Regulation No. 9 [August 1971, Amended April 2004].	
NOTES:	
U = Indicates that chemical was not detected by the laboratory. To be conservative, the reporting limit shown in the concentration column was used in the emissions calculations.	
L = Potential low bias due to uncertainty caused by continuing calibration not meeting method specifications or blank control sample recovery shown to be below the low side of control limits.	
H = Potential high bias due to uncertainty caused by continuing calibration not meeting method specifications or blank control sample recovery shown to be above the high side of control limits.	
B = Analyte found in associated blank sample but data is not affected by elevated level in blank since sample result is >10x level in the blank.	
Hourly Emissions (lbs/hour) = VOC concentration (ug/m ³) x measured flow rate (cfm) x 0.02832 m ³ /ft ³ x 60 min/hour x 0.001 mg/ug x 0.001 g/mg x 0.0022 lb/g.	
Daily Emissions (lbs/day) = Hourly Emissions x 24 hours/day.	
Yearly Emissions (lbs/year) = Daily Emissions x 365 days/year.	
Where samples were analyzed with multiple dilution factors, the highest reported value is shown	

APPENDIX E

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2527112
Client:	EA Engineering, Science and Technology 301 Metro Center Blvd. Suite 102 Warwick, RI 02886
ATTN:	Jonathan Alvarez
Phone:	(401) 287-0371
Project Name:	ALVAREZ HIGH SCHOOL
Project Number:	15066.12
Report Date:	05/14/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NH ELAP (2249).

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



Project Name: ALVAREZ HIGH SCHOOL

Project Number: 15066.12

Lab Number: L2527112

Report Date: 05/14/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2527112-01	GYMNASIUM	AIR	PROVIDENCE, RI	04/30/25 09:17	05/01/25
L2527112-02	CAFETERIA	AIR	PROVIDENCE, RI	04/30/25 09:25	05/01/25
L2527112-03	KITCHEN STORAGE	AIR	PROVIDENCE, RI	04/30/25 09:26	05/01/25
L2527112-04	ELEVATOR HALLWAY	AIR	PROVIDENCE, RI	04/30/25 09:10	05/01/25
L2527112-05	ROOM 145	AIR	PROVIDENCE, RI	04/30/25 09:11	05/01/25
L2527112-06	ROOM 152	AIR	PROVIDENCE, RI	04/30/25 09:12	05/01/25
L2527112-07	ROOM 118	AIR	PROVIDENCE, RI	04/30/25 09:04	05/01/25
L2527112-08	ROOM 110	AIR	PROVIDENCE, RI	04/30/25 09:06	05/01/25
L2527112-09	ROOM 116	AIR	PROVIDENCE, RI	04/30/25 09:06	05/01/25
L2527112-10	OUTDOOR AMBIENT	AIR	PROVIDENCE, RI	04/30/25 10:16	05/01/25
L2527112-11	MP-2	SOIL_VAPOR	PROVIDENCE, RI	04/30/25 10:27	05/01/25
L2527112-12	MP-5	SOIL_VAPOR	PROVIDENCE, RI	04/30/25 10:34	05/01/25
L2527112-13	MP-7	SOIL_VAPOR	PROVIDENCE, RI	04/30/25 10:32	05/01/25
L2527112-14	MP-8	SOIL_VAPOR	PROVIDENCE, RI	04/30/25 10:30	05/01/25
L2527112-15	IMP-1	SOIL_VAPOR	PROVIDENCE, RI	04/30/25 09:23	05/01/25
L2527112-16	IMP-3	SOIL_VAPOR	PROVIDENCE, RI	04/30/25 09:03	05/01/25

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 15066.12

Lab Number: L2527112
Report Date: 05/14/25

Case Narrative

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

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

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

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

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

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

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 15066.12

Lab Number: L2527112
Report Date: 05/14/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on April 28, 2025. The canister certification data is provided as an addendum.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 05/14/25

AIR

Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-01
 Client ID: GYMNASIUM
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:17
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 16:44

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	94		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-01
 Client ID: GYMNASIUM
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:17
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 16:44
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.491	0.200	--	2.43	0.989	--		1
Chloromethane	0.544	0.200	--	1.12	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	4.81	1.00	--	11.4	2.38	--		1
Trichlorofluoromethane	0.215	0.050	--	1.21	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	0.021	0.020	--	0.085	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.065	0.020	--	0.409	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-01
 Client ID: GYMNASIUM
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:17
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-01

Date Collected: 04/30/25 09:17

Client ID: GYMNASIUM

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	90		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-02
 Client ID: CAFETERIA
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:25
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/13/25 17:22
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Isopropanol	142	1.00	--	349	2.46	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-02
 Client ID: CAFETERIA
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:25
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 17:22
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.491	0.200	--	2.43	0.989	--		1
Chloromethane	0.566	0.200	--	1.17	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	15.1	1.00	--	35.9	2.38	--		1
Trichlorofluoromethane	0.219	0.050	--	1.23	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	0.035	0.020	--	0.139	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.055	0.020	--	0.269	0.098	--		1
1,2-Dichloroethane	0.023	0.020	--	0.093	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.062	0.020	--	0.390	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-02
 Client ID: CAFETERIA
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:25
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.271	0.100	--	1.02	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.066	0.020	--	0.287	0.087	--		1
p/m-Xylene	0.313	0.040	--	1.36	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.072	0.020	--	0.307	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.190	0.020	--	0.825	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	0.062	0.020	--	0.305	0.098	--		1
1,2,4-Trimethylbenzene	0.181	0.020	--	0.890	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-02

Date Collected: 04/30/25 09:25

Client ID: CAFETERIA

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-03
 Client ID: KITCHEN STORAGE
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:26
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 17:59

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Ethanol	199	5.00	--	375	9.42	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	101		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-03
 Client ID: KITCHEN STORAGE
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:26
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 17:59
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.488	0.200	--	2.41	0.989	--		1
Chloromethane	0.553	0.200	--	1.14	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	5.87	1.00	--	13.9	2.38	--		1
Trichlorofluoromethane	0.210	0.050	--	1.18	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.054	0.020	--	0.264	0.098	--		1
1,2-Dichloroethane	0.027	0.020	--	0.109	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.062	0.020	--	0.390	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-03
 Client ID: KITCHEN STORAGE
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:26
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.025	0.020	--	0.170	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.020	0.020	--	0.098	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.067	0.020	--	0.403	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-03

Date Collected: 04/30/25 09:26

Client ID: KITCHEN STORAGE

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-04
 Client ID: ELEVATOR HALLWAY
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:10
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 18:36

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	99		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-04
 Client ID: ELEVATOR HALLWAY
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:10
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 18:36
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.491	0.200	--	2.43	0.989	--		1
Chloromethane	0.550	0.200	--	1.14	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	5.67	1.00	--	13.5	2.38	--		1
Trichlorofluoromethane	0.212	0.050	--	1.19	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.060	0.020	--	0.377	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-04
 Client ID: ELEVATOR HALLWAY
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:10
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.020	0.020	--	0.136	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-04

Date Collected: 04/30/25 09:10

Client ID: ELEVATOR HALLWAY

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-05
 Client ID: ROOM 145
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:11
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 19:14

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	92		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-05
 Client ID: ROOM 145
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:11
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 19:14
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.506	0.200	--	2.50	0.989	--		1
Chloromethane	0.592	0.200	--	1.22	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	8.24	1.00	--	19.6	2.38	--		1
Trichlorofluoromethane	0.222	0.050	--	1.25	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	0.023	0.020	--	0.093	0.081	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.062	0.020	--	0.390	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-05
 Client ID: ROOM 145
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:11
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.021	0.020	--	0.091	0.087	--		1
p/m-Xylene	0.050	0.040	--	0.217	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.023	0.020	--	0.098	0.085	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.024	0.020	--	0.104	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.020	0.020	--	0.098	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-05

Date Collected: 04/30/25 09:11

Client ID: ROOM 145

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

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



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-06
 Client ID: ROOM 152
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:12
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 19:52

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	104		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-06
 Client ID: ROOM 152
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:12
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 19:52
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.479	0.200	--	2.37	0.989	--		1
Chloromethane	0.563	0.200	--	1.16	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	6.70	1.00	--	15.9	2.38	--		1
Trichlorofluoromethane	0.209	0.050	--	1.17	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.020	0.020	--	0.098	0.098	--		1
1,2-Dichloroethane	0.021	0.020	--	0.085	0.081	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.061	0.020	--	0.384	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-06
 Client ID: ROOM 152
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:12
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-06

Date Collected: 04/30/25 09:12

Client ID: ROOM 152

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	99		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-07
 Client ID: ROOM 118
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:04
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 20:29

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	94		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-07
 Client ID: ROOM 118
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:04
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 20:29
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.487	0.200	--	2.41	0.989	--		1
Chloromethane	0.622	0.200	--	1.28	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	9.46	1.00	--	22.5	2.38	--		1
Trichlorofluoromethane	0.212	0.050	--	1.19	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	0.027	0.020	--	0.109	0.081	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.060	0.020	--	0.377	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-07
 Client ID: ROOM 118
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:04
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.171	0.020	--	1.16	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.037	0.020	--	0.222	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-07

Date Collected: 04/30/25 09:04

Client ID: ROOM 118

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-08
 Client ID: ROOM 110
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:06
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 21:06

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	104		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-08
 Client ID: ROOM 110
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:06
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 21:06
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.495	0.200	--	2.45	0.989	--		1
Chloromethane	0.629	0.200	--	1.30	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	14.2	1.00	--	33.7	2.38	--		1
Trichlorofluoromethane	0.210	0.050	--	1.18	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	0.024	0.020	--	0.097	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.069	0.020	--	0.434	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-08
 Client ID: ROOM 110
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:06
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.023	0.020	--	0.156	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-08

Date Collected: 04/30/25 09:06

Client ID: ROOM 110

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	98		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-09
 Client ID: ROOM 116
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:06
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 22:22

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	93		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-09
 Client ID: ROOM 116
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:06
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 22:22
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.493	0.200	--	2.44	0.989	--		1
Chloromethane	0.604	0.200	--	1.25	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	7.65	1.00	--	18.2	2.38	--		1
Trichlorofluoromethane	0.211	0.050	--	1.19	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.063	0.020	--	0.396	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-09

Date Collected: 04/30/25 09:06

Client ID: ROOM 116

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-09

Date Collected: 04/30/25 09:06

Client ID: ROOM 116

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-10
 Client ID: OUTDOOR AMBIENT
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:16
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 16:07

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	96		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-10
 Client ID: OUTDOOR AMBIENT
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:16
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 16:07
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.473	0.200	--	2.34	0.989	--		1
Chloromethane	0.511	0.200	--	1.06	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	3.28	1.00	--	7.79	2.38	--		1
Trichlorofluoromethane	0.210	0.050	--	1.18	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.066	0.020	--	0.415	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-10
 Client ID: OUTDOOR AMBIENT
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:16
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-10

Date Collected: 04/30/25 10:16

Client ID: OUTDOOR AMBIENT

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-11
 Client ID: MP-2
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:27
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 22:59

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	100		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-11
 Client ID: MP-2
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:27
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 22:59
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.494	0.200	--	2.44	0.989	--		1
Chloromethane	1.23	0.200	--	2.54	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	4.49	1.00	--	10.7	2.38	--		1
Trichlorofluoromethane	0.259	0.050	--	1.46	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	9.34	0.500	--	27.5	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.021	0.020	--	0.103	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.061	0.020	--	0.384	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	0.116	0.020	--	0.623	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-11

Date Collected: 04/30/25 10:27

Client ID: MP-2

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.127	0.100	--	0.479	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.278	0.020	--	1.89	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.052	0.020	--	0.226	0.087	--		1
p/m-Xylene	0.259	0.040	--	1.12	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.028	0.020	--	0.119	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.113	0.020	--	0.491	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.057	0.020	--	0.280	0.098	--		1
1,3-Dichlorobenzene	0.063	0.020	--	0.379	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-11

Date Collected: 04/30/25 10:27

Client ID: MP-2

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	96		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-12
 Client ID: MP-5
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:34
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/13/25 23:36
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	100		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-12
 Client ID: MP-5
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:34
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 23:36
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.487	0.200	--	2.41	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Vinyl chloride	0.028	0.020	--	0.072	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	2.29	1.00	--	5.44	2.38	--		1
Trichlorofluoromethane	0.719	0.050	--	4.04	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.730	0.500	--	2.15	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.031	0.020	--	0.151	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.066	0.020	--	0.415	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	6.69	0.020	--	36.0	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-12

Date Collected: 04/30/25 10:34

Client ID: MP-5

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.100	0.100	--	0.377	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.211	0.020	--	1.43	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.063	0.020	--	0.274	0.087	--		1
p/m-Xylene	0.287	0.040	--	1.25	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.026	0.020	--	0.111	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.113	0.020	--	0.491	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.062	0.020	--	0.305	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-12

Date Collected: 04/30/25 10:34

Client ID: MP-5

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-13
 Client ID: MP-7
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:32
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 05/14/25 00:14

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	103		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-13
 Client ID: MP-7
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:32
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/14/25 00:14
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.470	0.200	--	2.32	0.989	--		1
Chloromethane	0.504	0.200	--	1.04	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	3.34	1.00	--	7.93	2.38	--		1
Trichlorofluoromethane	0.253	0.050	--	1.42	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.503	0.500	--	1.48	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.022	0.020	--	0.107	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.060	0.020	--	0.377	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	0.042	0.020	--	0.226	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-13

Date Collected: 04/30/25 10:32

Client ID: MP-7

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.041	0.020	--	0.178	0.087	--		1
p/m-Xylene	0.168	0.040	--	0.730	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.023	0.020	--	0.098	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.088	0.020	--	0.382	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.065	0.020	--	0.320	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-13

Date Collected: 04/30/25 10:32

Client ID: MP-7

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-14
 Client ID: MP-8
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:30
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/14/25 00:51
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	101		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-14
 Client ID: MP-8
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:30
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/14/25 00:51
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.474	0.200	--	2.34	0.989	--		1
Chloromethane	0.489	0.200	--	1.01	0.413	--		1
Vinyl chloride	0.080	0.020	--	0.204	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	2.47	1.00	--	5.87	2.38	--		1
Trichlorofluoromethane	0.214	0.050	--	1.20	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.666	0.500	--	1.96	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.064	0.020	--	0.403	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-14
 Client ID: MP-8
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 10:30
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.483	0.100	--	1.82	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.049	0.020	--	0.213	0.087	--		1
p/m-Xylene	0.199	0.040	--	0.864	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.030	0.020	--	0.128	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.101	0.020	--	0.439	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.062	0.020	--	0.305	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-14

Date Collected: 04/30/25 10:30

Client ID: MP-8

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	96		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-15
 Client ID: IMP-1
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:23
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/14/25 01:29
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	105		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-15
 Client ID: IMP-1
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:23
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/14/25 01:29
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.467	0.200	--	2.31	0.989	--		1
Chloromethane	0.528	0.200	--	1.09	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	12.3	1.00	--	29.2	2.38	--		1
Trichlorofluoromethane	0.197	0.050	--	1.11	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.88	0.500	--	5.54	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.022	0.020	--	0.107	0.098	--		1
1,2-Dichloroethane	0.116	0.020	--	0.470	0.081	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.063	0.020	--	0.396	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-15
 Client ID: IMP-1
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:23
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.299	0.100	--	1.13	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.071	0.020	--	0.308	0.087	--		1
p/m-Xylene	0.309	0.040	--	1.34	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.040	0.020	--	0.170	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.161	0.020	--	0.699	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	0.039	0.020	--	0.192	0.098	--		1
1,2,4-Trimethylbenzene	0.083	0.020	--	0.408	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-15

Date Collected: 04/30/25 09:23

Client ID: IMP-1

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	99		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-16
 Client ID: IMP-3
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:03
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 05/14/25 02:07

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	106		60-140



Project Name: ALVAREZ HIGH SCHOOL**Project Number:** 15066.12**Lab Number:** L2527112**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-16
 Client ID: IMP-3
 Sample Location: PROVIDENCE, RI

Date Collected: 04/30/25 09:03
 Date Received: 05/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/14/25 02:07
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.463	0.200	--	2.29	0.989	--		1
Chloromethane	0.543	0.200	--	1.12	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	12.1	1.00	--	28.7	2.38	--		1
Trichlorofluoromethane	0.235	0.050	--	1.32	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.661	0.500	--	1.95	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.020	0.020	--	0.098	0.098	--		1
1,2-Dichloroethane	0.094	0.020	--	0.380	0.081	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.060	0.020	--	0.377	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	0.121	0.020	--	0.650	0.107	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-16

Date Collected: 04/30/25 09:03

Client ID: IMP-3

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.208	0.100	--	0.784	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.053	0.020	--	0.359	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.069	0.020	--	0.300	0.087	--		1
p/m-Xylene	0.319	0.040	--	1.39	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.038	0.020	--	0.162	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.168	0.020	--	0.730	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	0.058	0.020	--	0.285	0.098	--		1
1,2,4-Trimethylbenzene	0.110	0.020	--	0.541	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2527112-16

Date Collected: 04/30/25 09:03

Client ID: IMP-3

Date Received: 05/01/25

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	99		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/13/25 14:20

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-16 Batch: WG2065675-4								
Ethanol	ND	5.00	--	ND	9.42	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 05/13/25 14:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-16 Batch: WG2065676-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 05/13/25 14:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-16 Batch: WG2065676-4								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: ALVAREZ HIGH SCHOOL

Project Number: 15066.12

Lab Number: L2527112

Report Date: 05/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-16 Batch: WG2065675-3								
Ethanol	63		-		40-160	-		
Isopropanol	106		-		40-160	-		
1,3-Dichloropropane	99		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: ALVAREZ HIGH SCHOOL

Lab Number: L2527112

Project Number: 15066.12

Report Date: 05/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-16 Batch: WG2065676-3								
Dichlorodifluoromethane	99		-		70-130	-		25
Chloromethane	93		-		70-130	-		25
Vinyl chloride	86		-		70-130	-		25
Chloroethane	95		-		70-130	-		25
Acetone	124		-		40-160	-		25
Trichlorofluoromethane	102		-		70-130	-		25
Acrylonitrile	82		-		70-130	-		25
1,1-Dichloroethene	74		-		70-130	-		25
Methylene chloride	93		-		70-130	-		25
trans-1,2-Dichloroethene	99		-		70-130	-		25
1,1-Dichloroethane	101		-		70-130	-		25
Methyl tert butyl ether	100		-		70-130	-		25
2-Butanone	98		-		70-130	-		25
cis-1,2-Dichloroethene	96		-		70-130	-		25
Chloroform	96		-		70-130	-		25
1,2-Dichloroethane	100		-		70-130	-		25
1,1,1-Trichloroethane	97		-		70-130	-		25
Benzene	85		-		70-130	-		25
Carbon tetrachloride	89		-		70-130	-		25
1,2-Dichloropropane	91		-		70-130	-		25
Bromodichloromethane	94		-		70-130	-		25
Trichloroethene	97		-		70-130	-		25
cis-1,3-Dichloropropene	91		-		70-130	-		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: ALVAREZ HIGH SCHOOL

Project Number: 15066.12

Lab Number: L2527112

Report Date: 05/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-16 Batch: WG2065676-3								
4-Methyl-2-pentanone	93		-		70-130	-		25
trans-1,3-Dichloropropene	98		-		70-130	-		25
1,1,2-Trichloroethane	97		-		70-130	-		25
Toluene	100		-		70-130	-		25
Dibromochloromethane	114		-		70-130	-		25
1,2-Dibromoethane	100		-		70-130	-		25
Tetrachloroethene	97		-		70-130	-		25
1,1,1,2-Tetrachloroethane	102		-		70-130	-		25
Chlorobenzene	93		-		70-130	-		25
Ethylbenzene	96		-		70-130	-		25
p/m-Xylene	104		-		70-130	-		25
Bromoform	117		-		70-130	-		25
Styrene	99		-		70-130	-		25
1,1,2,2-Tetrachloroethane	100		-		70-130	-		25
o-Xylene	106		-		70-130	-		25
Isopropylbenzene	99		-		70-130	-		25
1,3,5-Trimethylbenzene	105		-		70-130	-		25
1,2,4-Trimethylbenzene	110		-		70-130	-		25
1,3-Dichlorobenzene	111		-		70-130	-		25
1,4-Dichlorobenzene	110		-		70-130	-		25
sec-Butylbenzene	103		-		70-130	-		25
p-Isopropyltoluene	98		-		70-130	-		25
1,2-Dichlorobenzene	108		-		70-130	-		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: ALVAREZ HIGH SCHOOL

Lab Number: L2527112

Project Number: 15066.12

Report Date: 05/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-16 Batch: WG2065676-3								
n-Butylbenzene	110		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 15066.12

Lab Number: L2527112
Report Date: 05/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-16 QC Batch ID: WG2065675-5 QC Sample: L2527112-08 Client ID: ROOM 110						
1,3-Dichloropropane	ND	ND	ppbV	NC		25



Lab Duplicate Analysis

Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL

Project Number: 15066.12

Lab Number: L2527112

Report Date: 05/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-16 QC Batch ID: WG2065676-5 QC Sample: L2527112-08 Client ID: ROOM 110						
Dichlorodifluoromethane	0.495	0.499	ppbV	1		25
Chloromethane	0.629	0.634	ppbV	1		25
Vinyl chloride	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Acetone	14.2	15.0	ppbV	5		25
Trichlorofluoromethane	0.210	0.221	ppbV	5		25
Acrylonitrile	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	ND	0.022	ppbV	NC		25
1,2-Dichloroethane	0.024	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
1,3-Dichloropropene, Total	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.069	0.064	ppbV	8		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL

Project Number: 15066.12

Lab Number: L2527112

Report Date: 05/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-16 QC Batch ID: WG2065676-5 QC Sample: L2527112-08 Client ID: ROOM 110						
Bromodichloromethane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.023	0.022	ppbV	4		25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
Isopropylbenzene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL

Project Number: 15066.12

Lab Number: L2527112

Report Date: 05/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-16 QC Batch ID: WG2065676-5 QC Sample: L2527112-08 Client ID: ROOM 110						
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
sec-Butylbenzene	ND	ND	ppbV	NC		25
p-Isopropyltoluene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
n-Butylbenzene	ND	ND	ppbV	NC		25

Project Name: ALVAREZ HIGH SCHOOL

Serial_No: 05142516:30
Lab Number: L2527112

Project Number: 15066.12

Report Date: 05/14/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controller Leak Chk	Flow Out mL/min	Flow In	% RPD
L2527112-01	GYMNASIUM	0171	Flow 1	04/28/25	514404		-	-	-	Pass	160	158	1
L2527112-01	GYMNASIUM	1850	6.0L Can	04/28/25	514404	L2525484-01	Pass	-29.1	-4.1	-	-	-	-
L2527112-02	CAFETERIA	0211	Flow 1	04/28/25	514404		-	-	-	Pass	160	140	13
L2527112-02	CAFETERIA	5543	6.0L TO Can	04/28/25	514404	L2525484-02	Pass	-29.4	-1.1	-	-	-	-
L2527112-03	KITCHEN STORAGE	0318	Flow 1	04/28/25	514404		-	-	-	Pass	160	156	3
L2527112-03	KITCHEN STORAGE	5428	6.0L Can	04/28/25	514404	L2525484-05	Pass	-29.4	-4.3	-	-	-	-
L2527112-04	ELEVATOR HALLWAY	0031	Flow 1	04/28/25	514404		-	-	-	Pass	160	164	2
L2527112-04	ELEVATOR HALLWAY	5775	6.0L TO Can	04/28/25	514404	L2525036-11	Pass	-29.4	-4.8	-	-	-	-
L2527112-05	ROOM 145	02107	Flow 1	04/28/25	514404		-	-	-	Pass	160	158	1
L2527112-05	ROOM 145	5818	6.0L TO Can	04/28/25	514404	L2525036-15	Pass	-29.4	-4.1	-	-	-	-
L2527112-06	ROOM 152	01466	Flow 1	04/28/25	514404		-	-	-	Pass	160	165	3
L2527112-06	ROOM 152	5882	6.0L TO Can	04/28/25	514404	L2525036-10	Pass	-29.3	-2.8	-	-	-	-
L2527112-07	ROOM 118	02339	Flow 1	04/28/25	514404		-	-	-	Pass	160	159	1
L2527112-07	ROOM 118	3126	6.0L Can	04/28/25	514404	L2525036-06	Pass	-28.8	-4.8	-	-	-	-
L2527112-08	ROOM 110	02326	Flow 1	04/28/25	514404		-	-	-	Pass	160	159	1

Project Name: ALVAREZ HIGH SCHOOL

Serial_No: 05142516:30
Lab Number: L2527112

Project Number: 15066.12

Report Date: 05/14/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controller Leak Chk	Flow Out mL/min	Flow In	% RPD
L2527112-08	ROOM 110	1540	6.0L Can	04/28/25	514404	L2525036-07	Pass	-29.2	-4.8	-	-	-	-
L2527112-09	ROOM 116	02324	Flow 1	04/28/25	514404		-	-	-	Pass	160	158	1
L2527112-09	ROOM 116	637	6.0L Can	04/28/25	514404	L2525036-05	Pass	-29.2	-5.1	-	-	-	-
L2527112-10	OUTDOOR AMBIENT	01677	Flow 1	04/28/25	514404		-	-	-	Pass	160	161	1
L2527112-10	OUTDOOR AMBIENT	2666	6.0L Can	04/28/25	514404	L2525484-03	Pass	-29.1	-4.7	-	-	-	-
L2527112-11	MP-2	0049	Flow 1	04/28/25	514404		-	-	-	Pass	160	157	2
L2527112-11	MP-2	5858	6.0L TO Can	04/28/25	514404	L2525036-13	Pass	-29.2	-4.2	-	-	-	-
L2527112-12	MP-5	02372	Flow 1	04/28/25	514404		-	-	-	Pass	160	159	1
L2527112-12	MP-5	2561	6.0L Can	04/28/25	514404	L2525036-02	Pass	-29.3	-4.8	-	-	-	-
L2527112-13	MP-7	01029	Flow 1	04/28/25	514404		-	-	-	Pass	160	161	1
L2527112-13	MP-7	3266	6.0L Can	04/28/25	514404	L2525036-04	Pass	-29.1	-3.9	-	-	-	-
L2527112-14	MP-8	01187	Flow 1	04/28/25	514404		-	-	-	Pass	160	159	1
L2527112-14	MP-8	3391	6.0L Can	04/28/25	514404	L2525036-03	Pass	-28.9	-2.7	-	-	-	-
L2527112-15	IMP-1	0649	Flow 1	04/28/25	514404		-	-	-	Pass	160	152	5
L2527112-15	IMP-1	3375	6.0L Can	04/28/25	514404	L2525036-08	Pass	-29.0	-5.1	-	-	-	-

Project Name: ALVAREZ HIGH SCHOOL

Project Number: 15066.12

Serial_No:05142516:30

Lab Number: L2527112

Report Date: 05/14/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2527112-16	IMP-3	01500	Flow 1	04/28/25	514404		-	-	-	Pass	160	165	3
L2527112-16	IMP-3	1693	6.0L Can	04/28/25	514404	L2525036-16	Pass	-29.5	-4.5	-	-	-	-



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-02
Client ID: CAN 2561 FC 02372
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/23/25 20:34
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-02
Client ID: CAN 2561 FC 02372
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-02
Client ID: CAN 2561 FC 02372
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-02
 Client ID: CAN 2561 FC 02372
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-02
 Client ID: CAN 2561 FC 02372
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-02
Client ID: CAN 2561 FC 02372
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/23/25 20:34
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-03
Client ID: CAN 3391 FC 01187
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/23/25 21:08
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-03
Client ID: CAN 3391 FC 01187
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-03
Client ID: CAN 3391 FC 01187
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-03

Date Collected: 04/23/25 12:00

Client ID: CAN 3391 FC 01187

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-03
 Client ID: CAN 3391 FC 01187
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-03
Client ID: CAN 3391 FC 01187
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/23/25 21:08
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-04
Client ID: CAN 3266 FC 01029
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/23/25 21:42
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-04

Date Collected: 04/23/25 12:00

Client ID: CAN 3266 FC 01029

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-04
Client ID: CAN 3266 FC 01029
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-04

Date Collected: 04/23/25 12:00

Client ID: CAN 3266 FC 01029

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-04

Date Collected: 04/23/25 12:00

Client ID: CAN 3266 FC 01029

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-04
 Client ID: CAN 3266 FC 01029
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/23/25 21:42
 Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-05
Client ID: CAN 637 FC 02324
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/23/25 22:15
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-05
Client ID: CAN 637 FC 02324
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-05

Date Collected: 04/23/25 12:00

Client ID: CAN 637 FC 02324

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-05
Client ID: CAN 637 FC 02324
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-05

Date Collected: 04/23/25 12:00

Client ID: CAN 637 FC 02324

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	98		60-140



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-05
 Client ID: CAN 637 FC 02324
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/23/25 22:15
 Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	98		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-06
Client ID: CAN 3126 FC 02339
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/23/25 22:49
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-06
Client ID: CAN 3126 FC 02339
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-06

Date Collected: 04/23/25 12:00

Client ID: CAN 3126 FC 02339

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-06

Client ID: CAN 3126 FC 02339

Sample Location:

Date Collected: 04/23/25 12:00

Date Received: 04/23/25

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-06

Date Collected: 04/23/25 12:00

Client ID: CAN 3126 FC 02339

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	98		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-06
Client ID: CAN 3126 FC 02339
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/23/25 22:49
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	97		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-07
Client ID: CAN 1540 FC 02326
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/23/25 23:22
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-07
Client ID: CAN 1540 FC 02326
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-07
 Client ID: CAN 1540 FC 02326
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-07

Date Collected: 04/23/25 12:00

Client ID: CAN 1540 FC 02326

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-07
 Client ID: CAN 1540 FC 02326
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Cyclotrisiloxane, Hexamethyl-	1.0	NJ	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	97		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-07
Client ID: CAN 1540 FC 02326
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/23/25 23:22
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-08
Client ID: CAN 3375 FC 0649
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/23/25 23:55
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-08
Client ID: CAN 3375 FC 0649
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-08
Client ID: CAN 3375 FC 0649
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-08

Date Collected: 04/23/25 12:00

Client ID: CAN 3375 FC 0649

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-08

Date Collected: 04/23/25 12:00

Client ID: CAN 3375 FC 0649

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	95		60-140



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-08
 Client ID: CAN 3375 FC 0649
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/23/25 23:55
 Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	98		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-10
Client ID: CAN 5882 FC 01466
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/24/25 01:02
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-10
Client ID: CAN 5882 FC 01466
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-10

Date Collected: 04/23/25 12:00

Client ID: CAN 5882 FC 01466

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-10
 Client ID: CAN 5882 FC 01466
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-10
 Client ID: CAN 5882 FC 01466
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-10
 Client ID: CAN 5882 FC 01466
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/24/25 01:02
 Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-11
Client ID: CAN 5775 FC 0031
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/24/25 01:35
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	0.506	0.500	--	0.913	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	0.272	0.200	--	0.647	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-11
Client ID: CAN 5775 FC 0031
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-11

Date Collected: 04/23/25 12:00

Client ID: CAN 5775 FC 0031

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-11
Client ID: CAN 5775 FC 0031
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-11

Date Collected: 04/23/25 12:00

Client ID: CAN 5775 FC 0031

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-11
Client ID: CAN 5775 FC 0031
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/24/25 01:35
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-13
Client ID: CAN 5858 FC 0045
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/24/25 02:39
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-13

Date Collected: 04/23/25 12:00

Client ID: CAN 5858 FC 0045

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-13
Client ID: CAN 5858 FC 0045
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-13

Date Collected: 04/23/25 12:00

Client ID: CAN 5858 FC 0045

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-13

Date Collected: 04/23/25 12:00

Client ID: CAN 5858 FC 0045

Date Received: 04/23/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-13
 Client ID: CAN 5858 FC 0045
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/24/25 02:39
 Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-15
Client ID: CAN 5818 FC 02107
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/24/25 03:42
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-15
 Client ID: CAN 5818 FC 02107
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-15
 Client ID: CAN 5818 FC 02107
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-15
 Client ID: CAN 5818 FC 02107
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-15
 Client ID: CAN 5818 FC 02107
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	93		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-15
Client ID: CAN 5818 FC 02107
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/24/25 03:42
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-16
Client ID: CAN 1693 FC 01500
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/24/25 04:15
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-16
 Client ID: CAN 1693 FC 01500
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-16
 Client ID: CAN 1693 FC 01500
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-16
 Client ID: CAN 1693 FC 01500
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525036**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525036-16
 Client ID: CAN 1693 FC 01500
 Sample Location:

Date Collected: 04/23/25 12:00
 Date Received: 04/23/25
 Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525036
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525036-16
Client ID: CAN 1693 FC 01500
Sample Location:

Date Collected: 04/23/25 12:00
Date Received: 04/23/25
Field Prep: Not Specified

Sample Depth:

Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/24/25 04:15
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-01
Client ID: CAN 1850 FC 0171
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/24/25 19:55
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-01

Date Collected: 04/24/25 12:00

Client ID: CAN 1850 FC 0171

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-01

Date Collected: 04/24/25 12:00

Client ID: CAN 1850 FC 0171

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-01

Date Collected: 04/24/25 12:00

Client ID: CAN 1850 FC 0171

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-01

Date Collected: 04/24/25 12:00

Client ID: CAN 1850 FC 0171

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-01
Client ID: CAN 1850 FC 0171
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/24/25 19:55
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-01

Date Collected: 04/24/25 12:00

Client ID: CAN 1850 FC 0171

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-01

Date Collected: 04/24/25 12:00

Client ID: CAN 1850 FC 0171

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-02
Client ID: CAN 5543 FC 0211
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/24/25 20:29
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-02

Date Collected: 04/24/25 12:00

Client ID: CAN 5543 FC 0211

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-02
Client ID: CAN 5543 FC 0211
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-02

Date Collected: 04/24/25 12:00

Client ID: CAN 5543 FC 0211

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-02

Date Collected: 04/24/25 12:00

Client ID: CAN 5543 FC 0211

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	98		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-02
Client ID: CAN 5543 FC 0211
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/24/25 20:29
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-02

Date Collected: 04/24/25 12:00

Client ID: CAN 5543 FC 0211

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-02
Client ID: CAN 5543 FC 0211
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4- Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	97		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-03
Client ID: CAN 2666 FC 01677
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/24/25 21:02
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-03
 Client ID: CAN 2666 FC 01677
 Sample Location:

Date Collected: 04/24/25 12:00
 Date Received: 04/24/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-03
 Client ID: CAN 2666 FC 01677
 Sample Location:

Date Collected: 04/24/25 12:00
 Date Received: 04/24/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-03
 Client ID: CAN 2666 FC 01677
 Sample Location:

Date Collected: 04/24/25 12:00
 Date Received: 04/24/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-03

Date Collected: 04/24/25 12:00

Client ID: CAN 2666 FC 01677

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	99		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-03
Client ID: CAN 2666 FC 01677
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/24/25 21:02
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-03

Date Collected: 04/24/25 12:00

Client ID: CAN 2666 FC 01677

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-03
 Client ID: CAN 2666 FC 01677
 Sample Location:

Date Collected: 04/24/25 12:00
 Date Received: 04/24/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	97		60-140



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-05
Client ID: CAN 5428 FC 0318
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/24/25 22:09
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-05

Date Collected: 04/24/25 12:00

Client ID: CAN 5428 FC 0318

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-05

Date Collected: 04/24/25 12:00

Client ID: CAN 5428 FC 0318

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-05

Date Collected: 04/24/25 12:00

Client ID: CAN 5428 FC 0318

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-05

Date Collected: 04/24/25 12:00

Client ID: CAN 5428 FC 0318

Date Received: 04/24/25

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	99		60-140



Project Name: INDIV. CANISTER CERTIFICATION**Lab Number:** L2525484**Project Number:** CANISTER QC INDIV**Report Date:** 05/14/25**Air Canister Certification Results**

Lab ID: L2525484-05
 Client ID: CAN 5428 FC 0318
 Sample Location:

Date Collected: 04/24/25 12:00
 Date Received: 04/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/24/25 22:09
 Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-05
Client ID: CAN 5428 FC 0318
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1



Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2525484
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2525484-05
Client ID: CAN 5428 FC 0318
Sample Location:

Date Collected: 04/24/25 12:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	99		60-140



Project Name: ALVAREZ HIGH SCHOOL**Lab Number:** L2527112**Project Number:** 15066.12**Report Date:** 05/14/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527112-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2527112-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2527112-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-08A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-09A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-10A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-11A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2527112-12A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-13A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-14A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2527112-15A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2527112-16A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 15066.12

Lab Number: L2527112
Report Date: 05/14/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: ALVAREZ HIGH SCHOOL
Project Number: 15066.12

Lab Number: L2527112
Report Date: 05/14/25

Footnotes

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

Terms

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

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

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

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

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

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: ALVAREZ HIGH SCHOOL
Project Number: 15066.12

Lab Number: L2527112
Report Date: 05/14/25

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 15066.12

Lab Number: L2527112
Report Date: 05/14/25

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 27

Published Date: 01/24/2025

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Certification Information

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.: **17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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



AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

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

Client Information

Client: EA Engineering
Address: 301 Metro Center Blvd
Ste 102, Warwick RI 02886
Phone: 401-352-5745
Fax:
Email: techinfo@eaest.com

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Project Information

Project Name: Alvarez High School
Project Location: Providence, RI
Project #: 15066-12
Project Manager: Jonathan Alvarez
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due:

Time:

Date Rec'd in Lab: 5/1/25

Report Information - Data Deliverables

☐ FAX

☒ ADEx

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☐ EMAIL (standard pdf report)

☒ Additional Deliverables:

Excel table

Report to: (if different than Project Manager)

ALPHA Job #: 12527112

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Res / Comm

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 S	APH	Fixed G	Sulfides &		Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum													
27112-01	Gymnasium	4.30.25	0845	0917	-29.24	-3.89	AA _(i)	TC	GL	1856	0171		X						
02	Cafeteria		0852	0925	-29.26	-6.83				5543	0211		✓						
03	Kitchen Storage		0851	0926	-29.35	-4.83				5420	0318		✓						
04	Elevator Hallway		0836	0910	-29.83	-4.79				5775	0031		✓						
05	Room 145		0835	0911	-29.35	-3.83				5818	2107		✓						
06	Room 152		0840	0912	-28.85	-2.16				5882	1466		✓						
07	Room 118		0832	0904	-28.70	-4.74				3186	2339		✓						
08	Room 110		0834	0906	-29.33	-4.48				1540	2326		✓						
09	Room 116		0833	0906	-29.31	-4.88	✓			637	2324		✓						
10	Outdoor Ambient	✓	0946	1016	-28.82	-4.02	AA _(o)		✓	1622 2666	1677		✓						

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)

SV = Soil Vapor/Landfill Gas/SVE

Other = Please Specify

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time:

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

5/1/25 1800

5/1/25 1800

5/1/25 1800



AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

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

Client Information

Client: FA Engineering
Address: 301 Metro Center Blvd
Ste 102, Warwick, RI, 02886
Phone: 401-352-5745

Fax:

Email: tchudej@easest.com☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Project Information

Project Name: Alvarez High SchoolProject Location: Providence, RIProject #: 15066.12Project Manager: Johathan Alvarez

ALPHA Quote #:

Turn-Around Time

☒ Standard☐ RUSH (only confirmed if pre-approved)

Date Due:

Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

☐ FAX☒ ADEX

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☐ EMAIL (standard pdf report)☒ Additional Deliverables:Excel file

Report to: (if different than Project Manager)

ALPHA Job #:

Billing Information

☐ Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed

Program

Res / Comm

ANALYSIS

☐

TO-15

TO-15 SIM

APH

Fixed Gases

Sulfides & Mercaptans by TO-16

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 S/ APH	Fixed G/ Sulfides & Mercaptans		Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum											
41	MP-2	4-30-25	0955	1027	-29.74	-4.65	Sub-slab	TC	GL	5858	0045	X					
12	MP-5		1002	1034	-29.51	-4.84				2561	2372	X					
13	MP-7		1000	1032	-29.28	-3.65				3266	1029	X					
14	MP-8		0958	1030	-29.08	-2.15				3391	3391	X					
15	IMP-1		0856	0923	-28.93	-4.85				3375	0649	X					
60	IMP-3		0831	0903	-29.37	-4.18				1693	1500	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)

SV = Soil Vapor/Landfill Gas/SVE

Other = Please Specify

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time:

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

5/1/25 1800

5-1-25 0954

5-1-25 1450

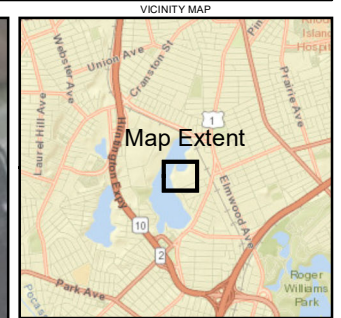
5-1-25 1800

5/1/25 954

5-1-25 1630

5/1/25 1800

5/1/25 2120



Legend

- Area of 12" Soil Cap with Geofabric
- Supplemental Loam Padding
- 4" Thick Concrete Pad
- Temporary Fence

Map Date: 5/15/2020
Source: ESRI Aerial 2016

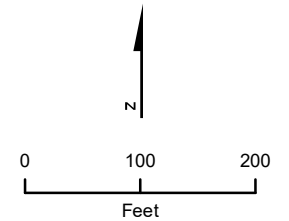


Figure 4
Gorham Parcel C
Temporary Cap Disturbance
Alvarez High School
Providence, Rhode Island