

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS

PROJECT NAME : 151 JUNIPER DRIVE

RTP ENVIRONMENTAL

239 US Highway 22 East

Green Brook, NJ - 08812

Phone No: 732-968-9600

ORDER ID : Q3555

ATTENTION : David Gabel



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : RTP Environmental
 Project Location : _____ Project Number : _____
 Laboratory Sample ID(s) : Q3555 Sampling Date(s) : 11/05/2025
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **TO-15**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☐ Yes ☐ No ☒ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☒ Yes ☐ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☒ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : Q3555

Project ID : 151 JUNIPER DRIVE

Client : RTP Environmental

Lab Sample Number

Q3555-01
Q3555-02
Q3555-03
Q3555-04

Client Sample Number

151-IA-1
151-IA-2
151-SG-1
151-SG-2

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 11:27 am, Nov 14, 2025

Date: 11/12/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

RTP Environmental

Project Name: 151 JUNIPER DRIVE

Project # N/A

Order ID # Q3555

Test Name: TO-15

A. Number of Samples and Date of Receipt:

4 Air samples were received on 11/05/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: TO-15. This data package contains results for TO-15.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator. The analysis of TO-15 was based on method TO-15.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

Due to potential high concentration of target analytes, Samples 151-SG-1, 151-SG-2 were initially diluted.

Samples 151-SG-1, 151-SG-2 were diluted due to high concentrations.

E. Additional Comments:

The Sample #151-IA-1, 151-IA-2, 151-SG-1, 151-SG-2 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

The not QT review data is reported in the Miscellaneous.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 11:27 am, Nov 14, 2025

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3555

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 11/12/2025

LAB CHRONICLE

OrderID:	Q3555	OrderDate:	11/5/2025 3:13:00 PM
Client:	RTP Environmental	Project:	151 JUNIPER DRIVE
Contact:	David Gabel	Location:	Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3555-01	151-IA-1	Air	TO-15	TO-15	11/05/25		11/06/25	11/05/25
Q3555-02	151-IA-2	Air	TO-15	TO-15	11/05/25		11/06/25	11/05/25
Q3555-03	151-SG-1	Air	TO-15	TO-15	11/05/25		11/06/25	11/05/25
Q3555-03DL	151-SG-1DL	Air	TO-15	TO-15	11/05/25		11/06/25	11/05/25
Q3555-04	151-SG-2	Air	TO-15	TO-15	11/05/25		11/06/25	11/05/25
Q3555-04DL	151-SG-2DL	Air	TO-15	TO-15	11/05/25		11/06/25	11/05/25

Hit Summary Sheet SW-846

SDG No.: Q3555
Client: RTP Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: 151-IA-1								
Q3555-01	151-IA-1	Air	Dichlorodifluoromethane	2.52		0.54	2.47	ug/m3
Q3555-01	151-IA-1	Air	Chloromethane	0.85	J	0.21	1.03	ug/m3
Q3555-01	151-IA-1	Air	Trichlorofluoromethane	1.85	J	0.96	2.81	ug/m3
Q3555-01	151-IA-1	Air	Heptane	0.86	J	0.70	2.05	ug/m3
Q3555-01	151-IA-1	Air	Acetone	21.1		0.43	1.19	ug/m3
Q3555-01	151-IA-1	Air	Methylene Chloride	2.78		0.80	1.74	ug/m3
Q3555-01	151-IA-1	Air	2-Butanone	0.91	J	0.18	1.47	ug/m3
Q3555-01	151-IA-1	Air	Carbon Tetrachloride	0.44		0.19	0.19	ug/m3
Q3555-01	151-IA-1	Air	Chloroform	3.81		0.49	2.44	ug/m3
Q3555-01	151-IA-1	Air	2,2,4-Trimethylpentane	0.84	J	0.65	2.34	ug/m3
Q3555-01	151-IA-1	Air	Benzene	0.99	J	0.26	1.60	ug/m3
Q3555-01	151-IA-1	Air	Toluene	3.05		0.60	1.88	ug/m3
Q3555-01	151-IA-1	Air	m/p-Xylene	1.91	J	1.78	4.34	ug/m3
Q3555-01	151-IA-1	Air	Hexane	5.99		0.56	1.76	ug/m3
Total Voc :				47.9				
Total Concentration:				47.9				
Client ID: 151-IA-2								
Q3555-02	151-IA-2	Air	Dichlorodifluoromethane	2.52		0.54	2.47	ug/m3
Q3555-02	151-IA-2	Air	Chloromethane	0.89	J	0.21	1.03	ug/m3
Q3555-02	151-IA-2	Air	Trichlorofluoromethane	1.74	J	0.96	2.81	ug/m3
Q3555-02	151-IA-2	Air	Acetone	15.0		0.43	1.19	ug/m3
Q3555-02	151-IA-2	Air	Methylene Chloride	2.05		0.80	1.74	ug/m3
Q3555-02	151-IA-2	Air	2-Butanone	0.91	J	0.18	1.47	ug/m3
Q3555-02	151-IA-2	Air	Carbon Tetrachloride	0.50		0.19	0.19	ug/m3
Q3555-02	151-IA-2	Air	Chloroform	3.03		0.49	2.44	ug/m3
Q3555-02	151-IA-2	Air	Benzene	0.64	J	0.26	1.60	ug/m3
Q3555-02	151-IA-2	Air	1,2-Dichloroethane	0.89	J	0.36	2.02	ug/m3
Q3555-02	151-IA-2	Air	Toluene	1.96		0.60	1.88	ug/m3
Q3555-02	151-IA-2	Air	Hexane	3.52		0.56	1.76	ug/m3
Total Voc :				33.6				
Total Concentration:				33.6				
Client ID: 151-SG-1								
Q3555-03	151-SG-1	Air	Dichlorodifluoromethane	2.37	J	1.09	4.94	ug/m3
Q3555-03	151-SG-1	Air	Tetrahydrofuran	0.77	J	0.47	2.95	ug/m3
Q3555-03	151-SG-1	Air	Acetone	46.6		0.86	2.38	ug/m3
Q3555-03	151-SG-1	Air	Carbon Disulfide	0.81	J	0.50	3.11	ug/m3

Hit Summary Sheet SW-846

SDG No.: Q3555

Client: RTP Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3555-03	151-SG-1	Air	Methylene Chloride	5.21		1.60	3.47	ug/m3
Q3555-03	151-SG-1	Air	2-Butanone	2.95		0.32	2.95	ug/m3
Q3555-03	151-SG-1	Air	Carbon Tetrachloride	0.38		0.31	0.38	ug/m3
Q3555-03	151-SG-1	Air	Chloroform	350	E	0.93	4.88	ug/m3
Q3555-03	151-SG-1	Air	Bromodichloromethane	3.62	J	0.87	6.70	ug/m3
Q3555-03	151-SG-1	Air	Tetrachloroethene	0.54		0.20	0.41	ug/m3
Q3555-03	151-SG-1	Air	Hexane	9.16		1.13	3.52	ug/m3
			Total Voc :	422				
			Total Concentration:	422				
Client ID:	151-SG-1DL							
Q3555-03DL	151-SG-1DL	Air	Acetone	52.0	D	4.28	11.9	ug/m3
Q3555-03DL	151-SG-1DL	Air	Methylene Chloride	13.2	JD	7.99	17.4	ug/m3
Q3555-03DL	151-SG-1DL	Air	2-Butanone	3.54	JD	1.65	14.8	ug/m3
Q3555-03DL	151-SG-1DL	Air	Chloroform	397	D	4.69	24.4	ug/m3
Q3555-03DL	151-SG-1DL	Air	Hexane	9.16	JD	5.64	17.6	ug/m3
			Total Voc :	475				
			Total Concentration:	475				
Client ID:	151-SG-2							
Q3555-04	151-SG-2	Air	Dichlorodifluoromethane	2.57	J	1.09	4.94	ug/m3
Q3555-04	151-SG-2	Air	Chloromethane	0.54	J	0.41	2.07	ug/m3
Q3555-04	151-SG-2	Air	Acetone	58.4		0.86	2.38	ug/m3
Q3555-04	151-SG-2	Air	Methylene Chloride	4.52		1.60	3.47	ug/m3
Q3555-04	151-SG-2	Air	2-Butanone	4.42		0.32	2.95	ug/m3
Q3555-04	151-SG-2	Air	Carbon Tetrachloride	0.63		0.31	0.38	ug/m3
Q3555-04	151-SG-2	Air	Chloroform	252	E	0.93	4.88	ug/m3
Q3555-04	151-SG-2	Air	Bromodichloromethane	2.28	J	0.87	6.70	ug/m3
Q3555-04	151-SG-2	Air	Hexane	2.61	J	1.13	3.52	ug/m3
			Total Voc :	328				
			Total Concentration:	328				
Client ID:	151-SG-2DL							
Q3555-04DL	151-SG-2DL	Air	Acetone	58.0	D	4.28	11.9	ug/m3
Q3555-04DL	151-SG-2DL	Air	Methylene Chloride	11.5	JD	7.99	17.4	ug/m3
Q3555-04DL	151-SG-2DL	Air	2-Butanone	4.42	JD	1.65	14.8	ug/m3
Q3555-04DL	151-SG-2DL	Air	Chloroform	263	D	4.69	24.4	ug/m3
			Total Voc :	337				
			Total Concentration:	337				

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-IA-1

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-01

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.51		2.52		
Chloromethane	74-87-3	50.49	0.41	J	0.85		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.08	U	0.31		
Chloroethane	75-00-3	64.52	0.15	U	0.4		
Tetrahydrofuran	109-99-9	72.11	0.08	U	0.24		
Trichlorofluoromethane	75-69-4	137.4	0.33	J	1.85		
Dichlorotetrafluoroethane	76-14-2	170.9	0.15	U	1.05		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.14	U	1.07		
tert-Butyl alcohol	75-65-0	74.12	0.16	U	0.49		
Heptane	142-82-5	100.2	0.21	J	0.86		
1,1-Dichloroethene	75-35-4	96.94	0.15	U	0.59		
Acetone	67-64-1	58.08	8.9		21.1		
Carbon Disulfide	75-15-0	76.14	0.08	U	0.25		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.23	U	0.83		
Methylene Chloride	75-09-2	84.94	0.8		2.78		
trans-1,2-Dichloroethene	156-60-5	96.94	0.12	U	0.48		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.22	U	0.76		
2-Butanone	78-93-3	72.11	0.31	J	0.91		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.78		3.81		
1,1,1-Trichloroethane	71-55-6	133.4	0.02	U	0.11		
2,2,4-Trimethylpentane	540-84-1	114.2	0.18	J	0.84		
Benzene	71-43-2	78.11	0.31	J	0.99		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.13	U	0.6		
Bromodichloromethane	75-27-4	163.8	0.06	U	0.4		
4-Methyl-2-Pentanone	108-10-1	100.2	0.1	U	0.41		
Toluene	108-88-3	92.14	0.81		3.05		
t-1,3-Dichloropropene	10061-02-6	111	0.15	U	0.68		
cis-1,3-Dichloropropene	10061-01-5	111	0.11	U	0.5		
1,1,2-Trichloroethane	79-00-5	133.4	0.08	U	0.44		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-IA-1

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-01

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.09	U	0.77		
1,2-Dibromoethane	106-93-4	187.9	0.09	U	0.69		
Tetrachloroethene	127-18-4	165.8	0.02	U	0.14		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	0.19	U	0.83		
m/p-Xylene	179601-23-1	106.2	0.44	J	1.91		
o-Xylene	95-47-6	106.2	0.21	U	0.91		
Styrene	100-42-5	104.1	0.16	U	0.68		
Bromoform	75-25-2	252.8	0.05	U	0.52		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.02	U	0.14		
2-Chlorotoluene	95-49-8	126.6	0.17	U	0.88		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.18	U	0.88		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.18	U	0.88		
1,3-Dichlorobenzene	541-73-1	147	0.05	U	0.3		
1,4-Dichlorobenzene	106-46-7	147	0.13	U	0.78		
1,2-Dichlorobenzene	95-50-1	147	0.13	U	0.78		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.21	U	1.56		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.13	U	1.39		
Naphthalene	91-20-3	128.17	0.01	U	0.05		
1,3-Butadiene	106-99-0	54.09	0.05	U	0.11		
4-Ethyltoluene	622-96-8	120.2	0.21	U	1.03		
Hexane	110-54-3	86.17	1.7		5.99		
Allyl Chloride	107-05-1	76.53	0.11	U	0.34		
1,4-Dioxane	123-91-1	88.12	0.22	U	0.79		
Methyl Methacrylate	80-62-6	100.117	0.14	U	0.57		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-IA-2

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-02

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.51		2.52		
Chloromethane	74-87-3	50.49	0.43	J	0.89		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.08	U	0.31		
Chloroethane	75-00-3	64.52	0.15	U	0.4		
Tetrahydrofuran	109-99-9	72.11	0.08	U	0.24		
Trichlorofluoromethane	75-69-4	137.4	0.31	J	1.74		
Dichlorotetrafluoroethane	76-14-2	170.9	0.15	U	1.05		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.14	U	1.07		
tert-Butyl alcohol	75-65-0	74.12	0.16	U	0.49		
Heptane	142-82-5	100.2	0.17	U	0.7		
1,1-Dichloroethene	75-35-4	96.94	0.15	U	0.59		
Acetone	67-64-1	58.08	6.3		15.0		
Carbon Disulfide	75-15-0	76.14	0.08	U	0.25		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.23	U	0.83		
Methylene Chloride	75-09-2	84.94	0.59		2.05		
trans-1,2-Dichloroethene	156-60-5	96.94	0.12	U	0.48		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.22	U	0.76		
2-Butanone	78-93-3	72.11	0.31	J	0.91		
Carbon Tetrachloride	56-23-5	153.8	0.08		0.5		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.62		3.03		
1,1,1-Trichloroethane	71-55-6	133.4	0.02	U	0.11		
2,2,4-Trimethylpentane	540-84-1	114.2	0.14	U	0.65		
Benzene	71-43-2	78.11	0.2	J	0.64		
1,2-Dichloroethane	107-06-2	98.96	0.22	J	0.89		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.13	U	0.6		
Bromodichloromethane	75-27-4	163.8	0.06	U	0.4		
4-Methyl-2-Pentanone	108-10-1	100.2	0.1	U	0.41		
Toluene	108-88-3	92.14	0.52		1.96		
t-1,3-Dichloropropene	10061-02-6	111	0.15	U	0.68		
cis-1,3-Dichloropropene	10061-01-5	111	0.11	U	0.5		
1,1,2-Trichloroethane	79-00-5	133.4	0.08	U	0.44		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-IA-2

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-02

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.09	U	0.77		
1,2-Dibromoethane	106-93-4	187.9	0.09	U	0.69		
Tetrachloroethene	127-18-4	165.8	0.02	U	0.14		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	0.19	U	0.83		
m/p-Xylene	179601-23-1	106.2	0.41	U	1.78		
o-Xylene	95-47-6	106.2	0.21	U	0.91		
Styrene	100-42-5	104.1	0.16	U	0.68		
Bromoform	75-25-2	252.8	0.05	U	0.52		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.02	U	0.14		
2-Chlorotoluene	95-49-8	126.6	0.17	U	0.88		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.18	U	0.88		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.18	U	0.88		
1,3-Dichlorobenzene	541-73-1	147	0.05	U	0.3		
1,4-Dichlorobenzene	106-46-7	147	0.13	U	0.78		
1,2-Dichlorobenzene	95-50-1	147	0.13	U	0.78		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.21	U	1.56		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.13	U	1.39		
Naphthalene	91-20-3	128.17	0.01	U	0.05		
1,3-Butadiene	106-99-0	54.09	0.05	U	0.11		
4-Ethyltoluene	622-96-8	120.2	0.21	U	1.03		
Hexane	110-54-3	86.17	1		3.52		
Allyl Chloride	107-05-1	76.53	0.11	U	0.34		
1,4-Dioxane	123-91-1	88.12	0.22	U	0.79		
Methyl Methacrylate	80-62-6	100.117	0.14	U	0.57		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-SG-1

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-03

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.48	J	2.37		
Chloromethane	74-87-3	50.49	0.2	U	0.41		
Vinyl Chloride	75-01-4	62.5	0.05	U	0.13		
Bromomethane	74-83-9	94.94	0.15	U	0.58		
Chloroethane	75-00-3	64.52	0.3	U	0.79		
Tetrahydrofuran	109-99-9	72.11	0.26	J	0.77		
Trichlorofluoromethane	75-69-4	137.4	0.34	U	1.91		
Dichlorotetrafluoroethane	76-14-2	170.9	0.3	U	2.1		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.28	U	2.15		
tert-Butyl alcohol	75-65-0	74.12	0.32	U	0.97		
Heptane	142-82-5	100.2	0.34	U	1.39		
1,1-Dichloroethene	75-35-4	96.94	0.3	U	1.19		
Acetone	67-64-1	58.08	19.6		46.6		
Carbon Disulfide	75-15-0	76.14	0.26	J	0.81		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.46	U	1.66		
Methylene Chloride	75-09-2	84.94	1.5		5.21		
trans-1,2-Dichloroethene	156-60-5	96.94	0.24	U	0.95		
1,1-Dichloroethane	75-34-3	98.96	0.26	U	1.05		
Cyclohexane	110-82-7	84.16	0.44	U	1.51		
2-Butanone	78-93-3	72.11	1		2.95		
Carbon Tetrachloride	56-23-5	153.8	0.06		0.38		
cis-1,2-Dichloroethene	156-59-2	96.94	0.2	U	0.79		
Chloroform	67-66-3	119.4	71.6	E	349		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
2,2,4-Trimethylpentane	540-84-1	114.2	0.28	U	1.31		
Benzene	71-43-2	78.11	0.16	U	0.51		
1,2-Dichloroethane	107-06-2	98.96	0.19	U	0.77		
Trichloroethene	79-01-6	131.4	0.05	U	0.27		
1,2-Dichloropropane	78-87-5	113	0.26	U	1.2		
Bromodichloromethane	75-27-4	163.8	0.54	J	3.62		
4-Methyl-2-Pentanone	108-10-1	100.2	0.19	U	0.78		
Toluene	108-88-3	92.14	0.32	U	1.21		
t-1,3-Dichloropropene	10061-02-6	111	0.3	U	1.36		
cis-1,3-Dichloropropene	10061-01-5	111	0.22	U	1		
1,1,2-Trichloroethane	79-00-5	133.4	0.16	U	0.87		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-SG-1

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-03

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.17	U	1.45		
1,2-Dibromoethane	106-93-4	187.9	0.17	U	1.31		
Tetrachloroethene	127-18-4	165.8	0.08		0.54		
Chlorobenzene	108-90-7	112.6	0.15	U	0.69		
Ethyl Benzene	100-41-4	106.2	0.38	U	1.65		
m/p-Xylene	179601-23-1	106.2	0.82	U	3.56		
o-Xylene	95-47-6	106.2	0.42	U	1.82		
Styrene	100-42-5	104.1	0.32	U	1.36		
Bromoform	75-25-2	252.8	0.1	U	1.03		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.04	U	0.27		
2-Chlorotoluene	95-49-8	126.6	0.34	U	1.76		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.36	U	1.77		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.36	U	1.77		
1,3-Dichlorobenzene	541-73-1	147	0.11	U	0.66		
1,4-Dichlorobenzene	106-46-7	147	0.26	U	1.56		
1,2-Dichlorobenzene	95-50-1	147	0.26	U	1.56		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.42	U	3.12		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.26	U	2.77		
Naphthalene	91-20-3	128.17	0.03	U	0.16		
1,3-Butadiene	106-99-0	54.09	0.1	U	0.22		
4-Ethyltoluene	622-96-8	120.2	0.42	U	2.06		
Hexane	110-54-3	86.17	2.6		9.16		
Allyl Chloride	107-05-1	76.53	0.22	U	0.69		
1,4-Dioxane	123-91-1	88.12	0.44	U	1.59		
Methyl Methacrylate	80-62-6	100.117	0.28	U	1.15		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-SG-1DL

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-03DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	1.1	UD	5.44		
Chloromethane	74-87-3	50.49	0.98	UD	2.02		
Vinyl Chloride	75-01-4	62.5	0.25	UD	0.64		
Bromomethane	74-83-9	94.94	0.77	UD	2.99		
Chloroethane	75-00-3	64.52	1.5	UD	3.96		
Tetrahydrofuran	109-99-9	72.11	0.8	UD	2.36		
Trichlorofluoromethane	75-69-4	137.4	1.7	UD	9.55		
Dichlorotetrafluoroethane	76-14-2	170.9	1.5	UD	10.5		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	1.4	UD	10.7		
tert-Butyl alcohol	75-65-0	74.12	1.6	UD	4.85		
Heptane	142-82-5	100.2	1.7	UD	6.97		
1,1-Dichloroethene	75-35-4	96.94	1.5	UD	5.95		
Acetone	67-64-1	58.08	21.9	D	52.0		
Carbon Disulfide	75-15-0	76.14	0.8	UD	2.49		
Methyl tert-Butyl Ether	1634-04-4	88.15	2.3	UD	8.29		
Methylene Chloride	75-09-2	84.94	3.8	JD	13.2		
trans-1,2-Dichloroethene	156-60-5	96.94	1.2	UD	4.76		
1,1-Dichloroethane	75-34-3	98.96	1.3	UD	5.26		
Cyclohexane	110-82-7	84.16	2.2	UD	7.57		
2-Butanone	78-93-3	72.11	1.2	JD	3.54		
Carbon Tetrachloride	56-23-5	153.8	0.25	UD	1.57		
cis-1,2-Dichloroethene	156-59-2	96.94	0.99	UD	3.93		
Chloroform	67-66-3	119.4	81.3	D	397		
1,1,1-Trichloroethane	71-55-6	133.4	0.16	UD	0.87		
2,2,4-Trimethylpentane	540-84-1	114.2	1.4	UD	6.54		
Benzene	71-43-2	78.11	0.79	UD	2.52		
1,2-Dichloroethane	107-06-2	98.96	0.93	UD	3.76		
Trichloroethene	79-01-6	131.4	0.24	UD	1.29		
1,2-Dichloropropane	78-87-5	113	1.3	UD	6.01		
Bromodichloromethane	75-27-4	163.8	0.63	UD	4.22		
4-Methyl-2-Pentanone	108-10-1	100.2	0.97	UD	3.98		
Toluene	108-88-3	92.14	1.6	UD	6.03		
t-1,3-Dichloropropene	10061-02-6	111	1.5	UD	6.81		
cis-1,3-Dichloropropene	10061-01-5	111	1.1	UD	4.99		
1,1,2-Trichloroethane	79-00-5	133.4	0.81	UD	4.42		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-SG-1DL

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-03DL

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.85	UD	7.24		
1,2-Dibromoethane	106-93-4	187.9	0.85	UD	6.53		
Tetrachloroethene	127-18-4	165.8	0.15	UD	1.02		
Chlorobenzene	108-90-7	112.6	0.77	UD	3.55		
Ethyl Benzene	100-41-4	106.2	1.9	UD	8.25		
m/p-Xylene	179601-23-1	106.2	4.1	UD	17.8		
o-Xylene	95-47-6	106.2	2.1	UD	9.12		
Styrene	100-42-5	104.1	1.6	UD	6.81		
Bromoform	75-25-2	252.8	0.48	UD	4.96		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.18	UD	1.24		
2-Chlorotoluene	95-49-8	126.6	1.7	UD	8.8		
1,3,5-Trimethylbenzene	108-67-8	120.2	1.8	UD	8.85		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.8	UD	8.85		
1,3-Dichlorobenzene	541-73-1	147	0.54	UD	3.25		
1,4-Dichlorobenzene	106-46-7	147	1.3	UD	7.82		
1,2-Dichlorobenzene	95-50-1	147	1.3	UD	7.82		
1,2,4-Trichlorobenzene	120-82-1	181.5	2.1	UD	15.6		
Hexachloro-1,3-Butadiene	87-68-3	260.8	1.3	UD	13.9		
Naphthalene	91-20-3	128.17	0.13	UD	0.68		
1,3-Butadiene	106-99-0	54.09	0.51	UD	1.13		
4-Ethyltoluene	622-96-8	120.2	2.1	UD	10.3		
Hexane	110-54-3	86.17	2.6	JD	9.16		
Allyl Chloride	107-05-1	76.53	1.1	UD	3.44		
1,4-Dioxane	123-91-1	88.12	2.2	UD	7.93		
Methyl Methacrylate	80-62-6	100.117	1.4	UD	5.73		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-SG-2

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-04

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.52	J	2.57		
Chloromethane	74-87-3	50.49	0.26	J	0.54		
Vinyl Chloride	75-01-4	62.5	0.05	U	0.13		
Bromomethane	74-83-9	94.94	0.15	U	0.58		
Chloroethane	75-00-3	64.52	0.3	U	0.79		
Tetrahydrofuran	109-99-9	72.11	0.16	U	0.47		
Trichlorofluoromethane	75-69-4	137.4	0.34	U	1.91		
Dichlorotetrafluoroethane	76-14-2	170.9	0.3	U	2.1		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.28	U	2.15		
tert-Butyl alcohol	75-65-0	74.12	0.32	U	0.97		
Heptane	142-82-5	100.2	0.34	U	1.39		
1,1-Dichloroethene	75-35-4	96.94	0.3	U	1.19		
Acetone	67-64-1	58.08	24.6		58.4		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.46	U	1.66		
Methylene Chloride	75-09-2	84.94	1.3		4.52		
trans-1,2-Dichloroethene	156-60-5	96.94	0.24	U	0.95		
1,1-Dichloroethane	75-34-3	98.96	0.26	U	1.05		
Cyclohexane	110-82-7	84.16	0.44	U	1.51		
2-Butanone	78-93-3	72.11	1.5		4.42		
Carbon Tetrachloride	56-23-5	153.8	0.1		0.63		
cis-1,2-Dichloroethene	156-59-2	96.94	0.2	U	0.79		
Chloroform	67-66-3	119.4	51.6	E	251		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
2,2,4-Trimethylpentane	540-84-1	114.2	0.28	U	1.31		
Benzene	71-43-2	78.11	0.16	U	0.51		
1,2-Dichloroethane	107-06-2	98.96	0.19	U	0.77		
Trichloroethene	79-01-6	131.4	0.05	U	0.27		
1,2-Dichloropropane	78-87-5	113	0.26	U	1.2		
Bromodichloromethane	75-27-4	163.8	0.34	J	2.28		
4-Methyl-2-Pentanone	108-10-1	100.2	0.19	U	0.78		
Toluene	108-88-3	92.14	0.32	U	1.21		
t-1,3-Dichloropropene	10061-02-6	111	0.3	U	1.36		
cis-1,3-Dichloropropene	10061-01-5	111	0.22	U	1		
1,1,2-Trichloroethane	79-00-5	133.4	0.16	U	0.87		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-SG-2

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-04

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.17	U	1.45		
1,2-Dibromoethane	106-93-4	187.9	0.17	U	1.31		
Tetrachloroethene	127-18-4	165.8	0.03	U	0.2		
Chlorobenzene	108-90-7	112.6	0.15	U	0.69		
Ethyl Benzene	100-41-4	106.2	0.38	U	1.65		
m/p-Xylene	179601-23-1	106.2	0.82	U	3.56		
o-Xylene	95-47-6	106.2	0.42	U	1.82		
Styrene	100-42-5	104.1	0.32	U	1.36		
Bromoform	75-25-2	252.8	0.1	U	1.03		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.04	U	0.27		
2-Chlorotoluene	95-49-8	126.6	0.34	U	1.76		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.36	U	1.77		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.36	U	1.77		
1,3-Dichlorobenzene	541-73-1	147	0.11	U	0.66		
1,4-Dichlorobenzene	106-46-7	147	0.26	U	1.56		
1,2-Dichlorobenzene	95-50-1	147	0.26	U	1.56		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.42	U	3.12		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.26	U	2.77		
Naphthalene	91-20-3	128.17	0.03	U	0.16		
1,3-Butadiene	106-99-0	54.09	0.1	U	0.22		
4-Ethyltoluene	622-96-8	120.2	0.42	U	2.06		
Hexane	110-54-3	86.17	0.74	J	2.61		
Allyl Chloride	107-05-1	76.53	0.22	U	0.69		
1,4-Dioxane	123-91-1	88.12	0.44	U	1.59		
Methyl Methacrylate	80-62-6	100.117	0.28	U	1.15		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-SG-2DL

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-04DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	1.1	UD	5.44		
Chloromethane	74-87-3	50.49	0.98	UD	2.02		
Vinyl Chloride	75-01-4	62.5	0.25	UD	0.64		
Bromomethane	74-83-9	94.94	0.77	UD	2.99		
Chloroethane	75-00-3	64.52	1.5	UD	3.96		
Tetrahydrofuran	109-99-9	72.11	0.8	UD	2.36		
Trichlorofluoromethane	75-69-4	137.4	1.7	UD	9.55		
Dichlorotetrafluoroethane	76-14-2	170.9	1.5	UD	10.5		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	1.4	UD	10.7		
tert-Butyl alcohol	75-65-0	74.12	1.6	UD	4.85		
Heptane	142-82-5	100.2	1.7	UD	6.97		
1,1-Dichloroethene	75-35-4	96.94	1.5	UD	5.95		
Acetone	67-64-1	58.08	24.4	D	58.0		
Carbon Disulfide	75-15-0	76.14	0.8	UD	2.49		
Methyl tert-Butyl Ether	1634-04-4	88.15	2.3	UD	8.29		
Methylene Chloride	75-09-2	84.94	3.3	JD	11.5		
trans-1,2-Dichloroethene	156-60-5	96.94	1.2	UD	4.76		
1,1-Dichloroethane	75-34-3	98.96	1.3	UD	5.26		
Cyclohexane	110-82-7	84.16	2.2	UD	7.57		
2-Butanone	78-93-3	72.11	1.5	JD	4.42		
Carbon Tetrachloride	56-23-5	153.8	0.25	UD	1.57		
cis-1,2-Dichloroethene	156-59-2	96.94	0.99	UD	3.93		
Chloroform	67-66-3	119.4	53.8	D	262		
1,1,1-Trichloroethane	71-55-6	133.4	0.16	UD	0.87		
2,2,4-Trimethylpentane	540-84-1	114.2	1.4	UD	6.54		
Benzene	71-43-2	78.11	0.79	UD	2.52		
1,2-Dichloroethane	107-06-2	98.96	0.93	UD	3.76		
Trichloroethene	79-01-6	131.4	0.24	UD	1.29		
1,2-Dichloropropane	78-87-5	113	1.3	UD	6.01		
Bromodichloromethane	75-27-4	163.8	0.63	UD	4.22		
4-Methyl-2-Pentanone	108-10-1	100.2	0.97	UD	3.98		
Toluene	108-88-3	92.14	1.6	UD	6.03		
t-1,3-Dichloropropene	10061-02-6	111	1.5	UD	6.81		
cis-1,3-Dichloropropene	10061-01-5	111	1.1	UD	4.99		
1,1,2-Trichloroethane	79-00-5	133.4	0.81	UD	4.42		

Project : 151 JUNIPER DRIVE

Sampling Date : 11/05/25

Field Id Number : 151-SG-2DL

Analysis Date : 11/06/25

Laboratory Id Number : Q3555-04DL

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.85	UD	7.24		
1,2-Dibromoethane	106-93-4	187.9	0.85	UD	6.53		
Tetrachloroethene	127-18-4	165.8	0.15	UD	1.02		
Chlorobenzene	108-90-7	112.6	0.77	UD	3.55		
Ethyl Benzene	100-41-4	106.2	1.9	UD	8.25		
m/p-Xylene	179601-23-1	106.2	4.1	UD	17.8		
o-Xylene	95-47-6	106.2	2.1	UD	9.12		
Styrene	100-42-5	104.1	1.6	UD	6.81		
Bromoform	75-25-2	252.8	0.48	UD	4.96		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.18	UD	1.24		
2-Chlorotoluene	95-49-8	126.6	1.7	UD	8.8		
1,3,5-Trimethylbenzene	108-67-8	120.2	1.8	UD	8.85		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.8	UD	8.85		
1,3-Dichlorobenzene	541-73-1	147	0.54	UD	3.25		
1,4-Dichlorobenzene	106-46-7	147	1.3	UD	7.82		
1,2-Dichlorobenzene	95-50-1	147	1.3	UD	7.82		
1,2,4-Trichlorobenzene	120-82-1	181.5	2.1	UD	15.6		
Hexachloro-1,3-Butadiene	87-68-3	260.8	1.3	UD	13.9		
Naphthalene	91-20-3	128.17	0.13	UD	0.68		
1,3-Butadiene	106-99-0	54.09	0.51	UD	1.13		
4-Ethyltoluene	622-96-8	120.2	2.1	UD	10.3		
Hexane	110-54-3	86.17	1.6	UD	5.64		
Allyl Chloride	107-05-1	76.53	1.1	UD	3.44		
1,4-Dioxane	123-91-1	88.12	2.2	UD	7.93		
Methyl Methacrylate	80-62-6	100.117	1.4	UD	5.73		

Method	Matrix	Parameter	Instrument ID	Column ID	MDL (ppbv)	RL (ppbv)	MB Data	MB Datafile	StdevVal
TO-15	Air	1,1,1,2-Tetrachloroethane	MSVOA_L	RTX-1	0.089	0.50	0		0.028115408
TO-15	Air	1,1,1-Trichloroethane	MSVOA_L	RTX-1	0.016	0.030	0		0.005089672
TO-15	Air	1,1,2,2-Tetrachloroethane	MSVOA_L	RTX-1	0.018	0.030	0		0.005472877
TO-15	Air	1,1,2-Trichloroethane	MSVOA_L	RTX-1	0.081	0.50	0		0.02572751
TO-15	Air	1,1,2-Trichlorotrifluoroethane	MSVOA_L	RTX-1	0.14	0.50	0		0.042983939
TO-15	Air	1,1-Dichloroethane	MSVOA_L	RTX-1	0.13	0.50	0		0.040178175
TO-15	Air	1,1-Dichloroethene	MSVOA_L	RTX-1	0.15	0.50	0		0.047056197
TO-15	Air	1,2,4-Trichlorobenzene	MSVOA_L	RTX-1	0.21	0.50	0		0.064291005
TO-15	Air	1,2,4-Trimethylbenzene	MSVOA_L	RTX-1	0.18	0.50	0		0.054467115
TO-15	Air	1,2-Dibromoethane	MSVOA_L	RTX-1	0.085	0.10	0		0.026726124
TO-15	Air	1,2-Dichlorobenzene	MSVOA_L	RTX-1	0.13	0.50	0		0.040999419
TO-15	Air	1,2-Dichloroethane	MSVOA_L	RTX-1	0.093	0.50	0		0.029277002
TO-15	Air	1,2-Dichloropropane	MSVOA_L	RTX-1	0.13	0.50	0		0.039880775
TO-15	Air	1,3,5-Trimethylbenzene	MSVOA_L	RTX-1	0.18	0.50	0		0.054598099
TO-15	Air	1,3-Butadiene	MSVOA_L	RTX-1	0.051	0.50	0		0.016035675
TO-15	Air	1,3-Dichlorobenzene	MSVOA_L	RTX-1	0.054	0.50	0		0.017043362
TO-15	Air	1,4-Dichlorobenzene	MSVOA_L	RTX-1	0.13	0.50	0		0.039460649
TO-15	Air	1,4-Dioxane	MSVOA_L	RTX-1	0.22	0.50	0		0.067330033
TO-15	Air	2,2,4-Trimethylpentane	MSVOA_L	RTX-1	0.14	0.50	0		0.044131837
TO-15	Air	2-Butanone	MSVOA_L	RTX-1	0.056	0.50	0		0.017728105
TO-15	Air	2-Chlorotoluene	MSVOA_L	RTX-1	0.17	0.50	0		0.052599113
TO-15	Air	2-Hexanone	MSVOA_L	RTX-1	0.11	0.50	0		0.033523268
TO-15	Air	4-Ethyltoluene	MSVOA_L	RTX-1	0.21	0.50	0		0.066332496
TO-15	Air	4-Methyl-2-Pentanone	MSVOA_L	RTX-1	0.097	0.50	0		0.030783422
TO-15	Air	Acetone	MSVOA_L	RTX-1	0.18	0.50	0		0.055592052
TO-15	Air	Allyl Chloride	MSVOA_L	RTX-1	0.11	0.50	0		0.033380918
TO-15	Air	Benzene	MSVOA_L	RTX-1	0.079	0.50	0		0.025071327
TO-15	Air	Benzyl Chloride	MSVOA_L	RTX-1	0.089	0.50	0		0.028284271
TO-15	Air	Bromodichloromethane	MSVOA_L	RTX-1	0.063	0.50	0		0.019880596
TO-15	Air	Bromoethene	MSVOA_L	RTX-1	0.2	0.50	0		0.062678317
TO-15	Air	Bromoform	MSVOA_L	RTX-1	0.048	0.50	0		0.015118579
TO-15	Air	Bromomethane	MSVOA_L	RTX-1	0.077	0.50	0		0.024494897
TO-15	Air	Carbon Disulfide	MSVOA_L	RTX-1	0.08	0.50	0		0.02544836
TO-15	Air	Carbon Tetrachloride	MSVOA_L	RTX-1	0.025	0.030	0		0.007690439
TO-15	Air	Chlorobenzene	MSVOA_L	RTX-1	0.077	0.50	0		0.024397502
TO-15	Air	Chlorodifluoromethane	MSVOA_L	RTX-1	0.12	0.50	0		0.037859389
TO-15	Air	Chloroethane	MSVOA_L	RTX-1	0.15	0.50	0		0.045250625
TO-15	Air	Chloroform	MSVOA_L	RTX-1	0.096	0.50	0		0.030394235
TO-15	Air	Chloromethane	MSVOA_L	RTX-1	0.098	0.50	0		0.03101459
TO-15	Air	cis-1,2-Dichloroethene	MSVOA_L	RTX-1	0.099	0.50	0		0.031471832
TO-15	Air	cis-1,3-Dichloropropene	MSVOA_L	RTX-1	0.11	0.50	0		0.032071349
TO-15	Air	Cyclohexane	MSVOA_L	RTX-1	0.22	0.50	0		0.06972736
TO-15	Air	Dibromochloromethane	MSVOA_L	RTX-1	0.085	0.50	0		0.026726124
TO-15	Air	Dichlorodifluoromethane	MSVOA_L	RTX-1	0.11	0.50	0		0.033380918
TO-15	Air	Dichlorotetrafluoroethane	MSVOA_L	RTX-1	0.15	0.50	0		0.045460606
TO-15	Air	Ethanol	MSVOA_L	RTX-1	0.32	0.50	0		0.098848128
TO-15	Air	Ethyl Acetate	MSVOA_L	RTX-1	0.12	0.50	0		0.036384193
TO-15	Air	Ethyl Benzene	MSVOA_L	RTX-1	0.19	0.50	0		0.058554004
TO-15	Air	Heptane	MSVOA_L	RTX-1	0.17	0.50	0		0.051130086
TO-15	Air	Hexachloro-1,3-Butadiene	MSVOA_L	RTX-1	0.13	0.50	0		0.038297084
TO-15	Air	Hexane	MSVOA_L	RTX-1	0.16	0.50	0		0.04894117
TO-15	Air	Isopropyl Alcohol	MSVOA_L	RTX-1	0.23	0.50	0		0.070676998
TO-15	Air	Isopropylbenzene	MSVOA_L	RTX-1	0.16	0.50	0		0.048205908
TO-15	Air	m/p-Xylene	MSVOA_L	RTX-1	0.41	1.00	0		0.130091543
TO-15	Air	Methyl Methacrylate	MSVOA_L	RTX-1	0.14	0.50	0		0.044131837
TO-15	Air	Methyl tert-Butyl Ether	MSVOA_L	RTX-1	0.23	0.50	0		0.07296444
TO-15	Air	Methylene Chloride	MSVOA_L	RTX-1	0.23	0.50	0		0.07204496
TO-15	Air	Naphthalene	MSVOA_L	RTX-1	0.013	0.10	0		0.004076647
TO-15	Air	Naphthalene,2-methyl-	MSVOA_L	RTX-1	0.22	0.50	0		0.069213266
TO-15	Air	n-Butylbenzene	MSVOA_L	RTX-1	0.18	0.50	0		0.055805786
TO-15	Air	n-propylbenzene	MSVOA_L	RTX-1	0.2	0.50	0		0.06164441
TO-15	Air	o-Xylene	MSVOA_L	RTX-1	0.21	0.50	0		0.06491753
TO-15	Air	p-Isopropyltoluene	MSVOA_L	RTX-1	0.19	0.50	0		0.059561893
TO-15	Air	Propene	MSVOA_L	RTX-1	0.077	0.50	0		0.024397502
TO-15	Air	sec-Butylbenzene	MSVOA_L	RTX-1	0.2	0.50	0		0.061913919
TO-15	Air	Styrene	MSVOA_L	RTX-1	0.16	0.50	0		0.05
TO-15	Air	t-1,3-Dichloropropene	MSVOA_L	RTX-1	0.15	0.50	0		0.046496288
TO-15	Air	tert-Butyl alcohol	MSVOA_L	RTX-1	0.16	0.50	0		0.048892496
TO-15	Air	tert-Butylbenzene	MSVOA_L	RTX-1	0.22	0.50	0		0.067928534
TO-15	Air	Tetrachloroethene	MSVOA_L	RTX-1	0.015	0.030	0		0.004725816
TO-15	Air	Tetrahydrofuran	MSVOA_L	RTX-1	0.08	0.50	0		0.025166115
TO-15	Air	Toluene	MSVOA_L	RTX-1	0.16	0.50	0		0.050142654
TO-15	Air	trans-1,2-Dichloroethene	MSVOA_L	RTX-1	0.12	0.50	0		0.036968455
TO-15	Air	Trichloroethene	MSVOA_L	RTX-1	0.024	0.030	0		0.007587584
TO-15	Air	Trichlorofluoromethane	MSVOA_L	RTX-1	0.17	0.50	0		0.053452248
TO-15	Air	Vinyl Acetate	MSVOA_L	RTX-1	0.26	0.50	0		0.079671946
TO-15	Air	Vinyl Chloride	MSVOA_L	RTX-1	0.025	0.030	0		0.007955232

Students	Spike_Amt_A	Datafile1	Concentration1	Adate1	Datafile2	Concentration2	Adate2
Value	dded						
3.143	0.4	VL041877.D	0.48	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.03	VL041883.D	0.037	01102025T00:17:00	VL041884.D	0.04	01102025T00:47:00
3.143	0.03	VL041883.D	0.045	01102025T00:17:00	VL041884.D	0.04	01102025T00:47:00
3.143	0.4	VL041877.D	0.46	01092025T21:16:00	VL041878.D	0.52	01092025T21:46:00
3.143	0.4	VL041877.D	0.53	01092025T21:16:00	VL041878.D	0.54	01092025T21:46:00
3.143	0.4	VL041877.D	0.53	01092025T21:16:00	VL041878.D	0.51	01092025T21:46:00
3.143	0.4	VL041877.D	0.5	01092025T21:16:00	VL041878.D	0.53	01092025T21:46:00
3.143	0.4	VL041877.D	0.45	01092025T21:16:00	VL041878.D	0.47	01092025T21:46:00
3.143	0.4	VL041877.D	0.46	01092025T21:16:00	VL041878.D	0.43	01092025T21:46:00
3.143	0.4	VL041877.D	0.48	01092025T21:16:00	VL041878.D	0.45	01092025T21:46:00
3.143	0.4	VL041877.D	0.52	01092025T21:16:00	VL041878.D	0.51	01092025T21:46:00
3.143	0.4	VL041877.D	0.52	01092025T21:16:00	VL041878.D	0.54	01092025T21:46:00
3.143	0.4	VL041877.D	0.53	01092025T21:16:00	VL041878.D	0.49	01092025T21:46:00
3.143	0.4	VL041877.D	0.44	01092025T21:16:00	VL041878.D	0.44	01092025T21:46:00
3.143	0.4	VL041877.D	0.52	01092025T21:16:00	VL041878.D	0.54	01092025T21:46:00
3.143	0.4	VL041877.D	0.49	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.4	VL041877.D	0.48	01092025T21:16:00	VL041878.D	0.47	01092025T21:46:00
3.143	0.4	VL041877.D	0.49	01092025T21:16:00	VL041878.D	0.45	01092025T21:46:00
3.143	0.4	VL041877.D	0.47	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.4	VL041877.D	0.47	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.4	VL041877.D	0.44	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.4	VL041877.D	0.41	01092025T21:16:00	VL041878.D	0.38	01092025T21:46:00
3.143	0.4	VL041877.D	0.44	01092025T21:16:00	VL041878.D	0.44	01092025T21:46:00
3.143	0.4	VL041877.D	0.44	01092025T21:16:00	VL041878.D	0.43	01092025T21:46:00
3.143	0.4	VL041877.D	0.6	01092025T21:16:00	VL041878.D	0.62	01092025T21:46:00
3.143	0.4	VL041877.D	0.46	01092025T21:16:00	VL041878.D	0.51	01092025T21:46:00
3.143	0.4	VL041877.D	0.47	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.4	VL041877.D	0.31	01092025T21:16:00	VL041878.D	0.29	01092025T21:46:00
3.143	0.4	VL041877.D	0.45	01092025T21:16:00	VL041878.D	0.44	01092025T21:46:00
3.143	0.4	VL041877.D	0.49	01092025T21:16:00	VL041878.D	0.53	01092025T21:46:00
3.143	0.4	VL041877.D	0.36	01092025T21:16:00	VL041878.D	0.35	01092025T21:46:00
3.143	0.4	VL041877.D	0.49	01092025T21:16:00	VL041878.D	0.52	01092025T21:46:00
3.143	0.4	VL041877.D	0.41	01092025T21:16:00	VL041878.D	0.45	01092025T21:46:00
3.143	0.03	VL041883.D	0.036	01102025T00:17:00	VL041884.D	0.038	01102025T00:47:00
3.143	0.4	VL041877.D	0.5	01092025T21:16:00	VL041878.D	0.48	01092025T21:46:00
3.143	0.4	VL041877.D	0.47	01092025T21:16:00	VL041878.D	0.47	01092025T21:46:00
3.143	0.4	VL041877.D	0.57	01092025T21:16:00	VL041878.D	0.59	01092025T21:46:00
3.143	0.4	VL041877.D	0.51	01092025T21:16:00	VL041878.D	0.5	01092025T21:46:00
3.143	0.4	VL041877.D	0.54	01092025T21:16:00	VL041878.D	0.51	01092025T21:46:00
3.143	0.4	VL041877.D	0.48	01092025T21:16:00	VL041878.D	0.45	01092025T21:46:00
3.143	0.4	VL041877.D	0.41	01092025T21:16:00	VL041878.D	0.4	01092025T21:46:00
3.143	0.4	VL041877.D	0.46	01092025T21:16:00	VL041878.D	0.47	01092025T21:46:00
3.143	0.4	VL041877.D	0.39	01092025T21:16:00	VL041878.D	0.4	01092025T21:46:00
3.143	0.4	VL041877.D	0.47	01092025T21:16:00	VL041878.D	0.51	01092025T21:46:00
3.143	0.4	VL041877.D	0.53	01092025T21:16:00	VL041878.D	0.52	01092025T21:46:00
3.143	0.4	VL042501.D	0.885	05062025T17:36:00	VL042502.D	0.76	05062025T18:07:00
3.143	0.4	VL041877.D	0.46	01092025T21:16:00	VL041878.D	0.45	01092025T21:46:00
3.143	0.4	VL041877.D	0.43	01092025T21:16:00	VL041878.D	0.44	01092025T21:46:00
3.143	0.4	VL041877.D	0.43	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.4	VL041877.D	0.49	01092025T21:16:00	VL041878.D	0.5	01092025T21:46:00
3.143	0.4	VL041877.D	0.46	01092025T21:16:00	VL041878.D	0.47	01092025T21:46:00
3.143	0.4	VL041877.D	0.59	01092025T21:16:00	VL041878.D	0.6	01092025T21:46:00
3.143	0.4	VL041877.D	0.45	01092025T21:16:00	VL041878.D	0.45	01092025T21:46:00
3.143	0.4	VL041877.D	0.91	01092025T21:16:00	VL041878.D	0.91	01092025T21:46:00
3.143	0.4	VL041877.D	0.44	01092025T21:16:00	VL041878.D	0.41	01092025T21:46:00
3.143	0.4	VL041877.D	0.4	01092025T21:16:00	VL041878.D	0.47	01092025T21:46:00
3.143	0.4	VL041877.D	0.68	01092025T21:16:00	VL041878.D	0.61	01092025T21:46:00
3.143	0.04	VL042504.D	0.035	05062025T19:10:00	VL042505.D	0.04	05062025T19:42:00
3.143	0.4	VL041877.D	0.34	01092025T21:16:00	VL041878.D	0.34	01092025T21:46:00
3.143	0.4	VL041877.D	0.44	01092025T21:16:00	VL041878.D	0.43	01092025T21:46:00
3.143	0.4	VL041877.D	0.44	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.4	VL041877.D	0.45	01092025T21:16:00	VL041878.D	0.45	01092025T21:46:00
3.143	0.4	VL041877.D	0.45	01092025T21:16:00	VL041878.D	0.44	01092025T21:46:00
3.143	0.4	VL041877.D	0.53	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.4	VL041877.D	0.48	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.4	VL041877.D	0.42	01092025T21:16:00	VL041878.D	0.4	01092025T21:46:00
3.143	0.4	VL041877.D	0.41	01092025T21:16:00	VL041878.D	0.36	01092025T21:46:00
3.143	0.4	VL041877.D	0.5	01092025T21:16:00	VL041878.D	0.45	01092025T21:46:00
3.143	0.4	VL041877.D	0.46	01092025T21:16:00	VL041878.D	0.46	01092025T21:46:00
3.143	0.03	VL041883.D	0.037	01102025T00:17:00	VL041884.D	0.04	01102025T00:47:00
3.143	0.4	VL041877.D	0.47	01092025T21:16:00	VL041878.D	0.43	01092025T21:46:00
3.143	0.4	VL041877.D	0.45	01092025T21:16:00	VL041878.D	0.43	01092025T21:46:00
3.143	0.4	VL041877.D	0.45	01092025T21:16:00	VL041878.D	0.52	01092025T21:46:00
3.143	0.03	VL041883.D	0.047	01102025T00:17:00	VL041884.D	0.047	01102025T00:47:00
3.143	0.4	VL041877.D	0.53	01092025T21:16:00	VL041878.D	0.52	01092025T21:46:00
3.143	0.4	VL041877.D	0.43	01092025T21:16:00	VL041878.D	0.47	01092025T21:46:00
3.143	0.03	VL042498.D	0.018	05062025T16:01:00	VL042500.D	0.032	05062025T17:04:00

Datafile3	Concentration3	Adate3	Datafile4	Concentration4	Adate4	Datafile5	Concentration5
VL041879.D	0.43	01092025T22:17:00	VL041909.D	0.42	01152025T00:52:00	VL041910.D	0.4
VL041885.D	0.038	01102025T01:18:00	VL041913.D	0.033	01152025T02:53:00	VL041914.D	0.037
VL041885.D	0.044	01102025T01:18:00	VL041913.D	0.033	01152025T02:53:00	VL041914.D	0.032
VL041879.D	0.48	01092025T22:17:00	VL041909.D	0.44	01152025T00:52:00	VL041910.D	0.47
VL041879.D	0.55	01092025T22:17:00	VL041909.D	0.5	01152025T00:52:00	VL041910.D	0.47
VL041879.D	0.57	01092025T22:17:00	VL041909.D	0.5	01152025T00:52:00	VL041910.D	0.48
VL041879.D	0.58	01092025T22:17:00	VL041909.D	0.49	01152025T00:52:00	VL041910.D	0.49
VL041879.D	0.48	01092025T22:17:00	VL041909.D	0.37	01152025T00:52:00	VL041910.D	0.36
VL041879.D	0.47	01092025T22:17:00	VL041909.D	0.37	01152025T00:52:00	VL041910.D	0.39
VL041879.D	0.47	01092025T22:17:00	VL041909.D	0.46	01152025T00:52:00	VL041910.D	0.43
VL041879.D	0.53	01092025T22:17:00	VL041909.D	0.44	01152025T00:52:00	VL041910.D	0.43
VL041879.D	0.5	01092025T22:17:00	VL041909.D	0.47	01152025T00:52:00	VL041910.D	0.46
VL041879.D	0.5	01092025T22:17:00	VL041909.D	0.43	01152025T00:52:00	VL041910.D	0.42
VL041879.D	0.43	01092025T22:17:00	VL041909.D	0.34	01152025T00:52:00	VL041910.D	0.34
VL041879.D	0.51	01092025T22:17:00	VL041909.D	0.5	01152025T00:52:00	VL041910.D	0.51
VL041879.D	0.48	01092025T22:17:00	VL041909.D	0.46	01152025T00:52:00	VL041910.D	0.44
VL041879.D	0.51	01092025T22:17:00	VL041909.D	0.43	01152025T00:52:00	VL041910.D	0.41
VL041879.D	0.5	01092025T22:17:00	VL041909.D	0.45	01152025T00:52:00	VL041910.D	0.47
VL041879.D	0.46	01092025T22:17:00	VL041909.D	0.37	01152025T00:52:00	VL041910.D	0.39
VL041879.D	0.49	01092025T22:17:00	VL041909.D	0.44	01152025T00:52:00	VL041910.D	0.44
VL041879.D	0.46	01092025T22:17:00	VL041909.D	0.37	01152025T00:52:00	VL041910.D	0.38
VL041879.D	0.39	01092025T22:17:00	VL041909.D	0.34	01152025T00:52:00	VL041910.D	0.36
VL041879.D	0.44	01092025T22:17:00	VL041909.D	0.33	01152025T00:52:00	VL041910.D	0.33
VL041879.D	0.43	01092025T22:17:00	VL041909.D	0.39	01152025T00:52:00	VL041910.D	0.37
VL041879.D	0.68	01092025T22:17:00	VL041909.D	0.53	01152025T00:52:00	VL041910.D	0.53
VL041879.D	0.5	01092025T22:17:00	VL041909.D	0.47	01152025T00:52:00	VL041910.D	0.5
VL041879.D	0.46	01092025T22:17:00	VL041909.D	0.42	01152025T00:52:00	VL041910.D	0.41
VL041879.D	0.28	01092025T22:17:00	VL041909.D	0.26	01152025T00:52:00	VL041910.D	0.34
VL041879.D	0.44	01092025T22:17:00	VL041909.D	0.4	01152025T00:52:00	VL041910.D	0.4
VL041879.D	0.55	01092025T22:17:00	VL041909.D	0.44	01152025T00:52:00	VL041910.D	0.52
VL041879.D	0.37	01092025T22:17:00	VL041909.D	0.33	01152025T00:52:00	VL041910.D	0.34
VL041879.D	0.53	01092025T22:17:00	VL041909.D	0.47	01152025T00:52:00	VL041910.D	0.5
VL041879.D	0.43	01092025T22:17:00	VL041909.D	0.41	01152025T00:52:00	VL041910.D	0.4
VL041885.D	0.048	01102025T01:18:00	VL041913.D	0.026	01152025T02:53:00	VL041914.D	0.033
VL041879.D	0.52	01092025T22:17:00	VL041909.D	0.45	01152025T00:52:00	VL041910.D	0.46
VL041879.D	0.51	01092025T22:17:00	VL041909.D	0.42	01152025T00:52:00	VL041910.D	0.42
VL041879.D	0.52	01092025T22:17:00	VL041909.D	0.46	01152025T00:52:00	VL041910.D	0.5
VL041879.D	0.53	01092025T22:17:00	VL041909.D	0.45	01152025T00:52:00	VL041910.D	0.46
VL041879.D	0.53	01092025T22:17:00	VL041909.D	0.52	01152025T00:52:00	VL041910.D	0.45
VL041879.D	0.49	01092025T22:17:00	VL041909.D	0.43	01152025T00:52:00	VL041910.D	0.42
VL041879.D	0.38	01092025T22:17:00	VL041909.D	0.34	01152025T00:52:00	VL041910.D	0.34
VL041879.D	0.5	01092025T22:17:00	VL041909.D	0.35	01152025T00:52:00	VL041910.D	0.35
VL041879.D	0.41	01092025T22:17:00	VL041909.D	0.33	01152025T00:52:00	VL041910.D	0.38
VL041879.D	0.56	01092025T22:17:00	VL041909.D	0.46	01152025T00:52:00	VL041910.D	0.5
VL041879.D	0.56	01092025T22:17:00	VL041909.D	0.46	01152025T00:52:00	VL041910.D	0.46
VL042503.D	0.611	05062025T18:39:00	VL042518.D	0.831	05072025T15:02:00	VL042519.D	0.842
VL041879.D	0.47	01092025T22:17:00	VL041909.D	0.41	01152025T00:52:00	VL041910.D	0.38
VL041879.D	0.44	01092025T22:17:00	VL041909.D	0.34	01152025T00:52:00	VL041910.D	0.35
VL041879.D	0.46	01092025T22:17:00	VL041909.D	0.37	01152025T00:52:00	VL041910.D	0.37
VL041879.D	0.51	01092025T22:17:00	VL041909.D	0.42	01152025T00:52:00	VL041910.D	0.43
VL041879.D	0.49	01092025T22:17:00	VL041909.D	0.42	01152025T00:52:00	VL041910.D	0.38
VL041879.D	0.63	01092025T22:17:00	VL041909.D	0.5	01152025T00:52:00	VL041910.D	0.5
VL041879.D	0.46	01092025T22:17:00	VL041909.D	0.37	01152025T00:52:00	VL041910.D	0.38
VL041879.D	0.92	01092025T22:17:00	VL041909.D	0.72	01152025T00:52:00	VL041910.D	0.69
VL041879.D	0.43	01092025T22:17:00	VL041909.D	0.36	01152025T00:52:00	VL041910.D	0.35
VL041879.D	0.42	01092025T22:17:00	VL041909.D	0.33	01152025T00:52:00	VL041910.D	0.52
VL041879.D	0.63	01092025T22:17:00	VL041909.D	0.54	01152025T00:52:00	VL041910.D	0.57
VL042506.D	0.04	05062025T20:13:00	VL042521.D	0.031	05072025T16:49:00	VL042522.D	0.032
VL041879.D	0.33	01092025T22:17:00	VL041909.D	0.28	01152025T00:52:00	VL041910.D	0.25
VL041879.D	0.42	01092025T22:17:00	VL041909.D	0.33	01152025T00:52:00	VL041910.D	0.34
VL041879.D	0.43	01092025T22:17:00	VL041909.D	0.36	01152025T00:52:00	VL041910.D	0.33
VL041879.D	0.47	01092025T22:17:00	VL041909.D	0.35	01152025T00:52:00	VL041910.D	0.35
VL041879.D	0.44	01092025T22:17:00	VL041909.D	0.34	01152025T00:52:00	VL041910.D	0.36
VL041879.D	0.52	01092025T22:17:00	VL041909.D	0.5	01152025T00:52:00	VL041910.D	0.48
VL041879.D	0.45	01092025T22:17:00	VL041909.D	0.38	01152025T00:52:00	VL041910.D	0.36
VL041879.D	0.38	01092025T22:17:00	VL041909.D	0.34	01152025T00:52:00	VL041910.D	0.31
VL041879.D	0.38	01092025T22:17:00	VL041909.D	0.36	01152025T00:52:00	VL041910.D	0.33
VL041879.D	0.52	01092025T22:17:00	VL041909.D	0.47	01152025T00:52:00	VL041910.D	0.41
VL041879.D	0.46	01092025T22:17:00	VL041909.D	0.36	01152025T00:52:00	VL041910.D	0.37
VL041885.D	0.034	01102025T01:18:00	VL041913.D	0.037	01152025T02:53:00	VL041914.D	0.034
VL041879.D	0.41	01092025T22:17:00	VL041909.D	0.41	01152025T00:52:00	VL041910.D	0.42
VL041879.D	0.44	01092025T22:17:00	VL041909.D	0.37	01152025T00:52:00	VL041910.D	0.36
VL041879.D	0.54	01092025T22:17:00	VL041909.D	0.47	01152025T00:52:00	VL041910.D	0.48
VL041885.D	0.035	01102025T01:18:00	VL041913.D	0.029	01152025T02:53:00	VL041914.D	0.033
VL041879.D	0.54	01092025T22:17:00	VL041909.D	0.45	01152025T00:52:00	VL041910.D	0.47
VL041879.D	0.56	01092025T22:17:00	VL041909.D	0.35	01152025T00:52:00	VL041910.D	0.44
VL042515.D	0.021	05072025T13:17:00	VL042516.D	0.021	05072025T13:50:00	VL042517.D	0.014

Adate5	Datafile6	Concentration6	Adate6	Datafile7	Concentration7	Adate7	Department
01152025T01:23:00	VL041932.D	0.41	01202025T22:30:00	VL041933.D	0.43	01202025T23:00:00	VOC
01152025T03:23:00	VL041936.D	0.028	01212025T00:31:00	VL041940.D	0.027	01212025T09:44:00	VOC
01152025T03:23:00	VL041936.D	0.034	01212025T00:31:00	VL041940.D	0.034	01212025T09:44:00	VOC
01152025T01:23:00	VL041932.D	0.46	01202025T22:30:00	VL041933.D	0.49	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.46	01202025T22:30:00	VL041933.D	0.44	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.45	01202025T22:30:00	VL041933.D	0.47	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.47	01202025T22:30:00	VL041933.D	0.43	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.34	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.35	01202025T22:30:00	VL041933.D	0.33	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.45	01202025T22:30:00	VL041933.D	0.4	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.45	01202025T22:30:00	VL041933.D	0.49	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.49	01202025T22:30:00	VL041933.D	0.47	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.5	01202025T22:30:00	VL041933.D	0.47	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.33	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.49	01202025T22:30:00	VL041933.D	0.52	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.46	01202025T22:30:00	VL041933.D	0.45	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.42	01202025T22:30:00	VL041933.D	0.41	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.42	01202025T22:30:00	VL041933.D	0.3	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.41	01202025T22:30:00	VL041933.D	0.37	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.47	01202025T22:30:00	VL041933.D	0.46	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.36	01202025T22:30:00	VL041933.D	0.33	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.35	01202025T22:30:00	VL041933.D	0.31	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.31	01202025T22:30:00	VL041933.D	0.3	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.38	01202025T22:30:00	VL041933.D	0.37	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.58	01202025T22:30:00	VL041933.D	0.54	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.43	01202025T22:30:00	VL041933.D	0.43	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.47	01202025T22:30:00	VL041933.D	0.43	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.29	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.42	01202025T22:30:00	VL041933.D	0.42	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.39	01202025T22:30:00	VL041933.D	0.41	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.34	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.47	01202025T22:30:00	VL041933.D	0.52	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.38	01202025T22:30:00	VL041933.D	0.38	01202025T23:00:00	VOC
01152025T03:23:00	VL041936.D	0.029	01212025T00:31:00	VL041940.D	0.027	01212025T09:44:00	VOC
01152025T01:23:00	VL041932.D	0.5	01202025T22:30:00	VL041933.D	0.48	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.51	01202025T22:30:00	VL041933.D	0.49	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.52	01202025T22:30:00	VL041933.D	0.49	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.46	01202025T22:30:00	VL041933.D	0.47	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.5	01202025T22:30:00	VL041933.D	0.48	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.42	01202025T22:30:00	VL041933.D	0.41	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.35	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.37	01202025T22:30:00	VL041933.D	0.33	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.38	01202025T22:30:00	VL041933.D	0.36	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.48	01202025T22:30:00	VL041933.D	0.51	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.45	01202025T22:30:00	VL041933.D	0.45	01202025T23:00:00	VOC
05072025T15:37:00	VL042520.D	0.766	05072025T16:13:00	VL042569.D	0.664	05212025T16:53:00	VOC
01152025T01:23:00	VL041932.D	0.39	01202025T22:30:00	VL041933.D	0.4	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.32	01202025T22:30:00	VL041933.D	0.31	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.37	01202025T22:30:00	VL041933.D	0.33	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.44	01202025T22:30:00	VL041933.D	0.43	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.4	01202025T22:30:00	VL041933.D	0.36	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.46	01202025T22:30:00	VL041933.D	0.46	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.36	01202025T22:30:00	VL041933.D	0.35	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.64	01202025T22:30:00	VL041933.D	0.65	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.35	01202025T22:30:00	VL041933.D	0.33	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.35	01202025T22:30:00	VL041933.D	0.33	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.5	01202025T22:30:00	VL041933.D	0.48	01202025T23:00:00	VOC
05072025T17:24:00	VL042523.D	0.03	05072025T17:58:00	VL042567.D	0.034	05212025T15:49:00	VOC
01152025T01:23:00	VL041932.D	0.2	01202025T22:30:00	VL041933.D	0.17	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.31	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.31	01202025T22:30:00	VL041933.D	0.33	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.32	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.32	01202025T22:30:00	VL041933.D	0.32	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.5	01202025T22:30:00	VL041933.D	0.48	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.34	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.3	01202025T22:30:00	VL041933.D	0.3	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.27	01202025T22:30:00	VL041933.D	0.31	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.44	01202025T22:30:00	VL041933.D	0.38	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.3	01202025T23:00:00	VOC
01152025T03:23:00	VL041936.D	0.026	01212025T00:31:00	VL041940.D	0.03	01212025T09:44:00	VOC
01152025T01:23:00	VL041932.D	0.39	01202025T22:30:00	VL041933.D	0.41	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.34	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.46	01202025T22:30:00	VL041933.D	0.44	01202025T23:00:00	VOC
01152025T03:23:00	VL041936.D	0.033	01212025T00:31:00	VL041940.D	0.03	01212025T09:44:00	VOC
01152025T01:23:00	VL041932.D	0.42	01202025T22:30:00	VL041933.D	0.41	01202025T23:00:00	VOC
01152025T01:23:00	VL041932.D	0.33	01202025T22:30:00	VL041933.D	0.37	01202025T23:00:00	VOC
05072025T14:29:00	VL042575.D	0.034	05222025T11:27:00	VL042576.D	0.032	05222025T11:59:00	VOC

AVG Concentration	Recovery	Effective Date
0.43	108	5/22/2025
0.03	114	5/22/2025
0.04	125	5/22/2025
0.47	119	5/22/2025
0.50	125	5/22/2025
0.50	125	5/22/2025
0.50	125	5/22/2025
0.40	100	5/22/2025
0.40	100	5/22/2025
0.45	112	5/22/2025
0.48	120	5/22/2025
0.49	123	5/22/2025
0.48	119	5/22/2025
0.38	95	5/22/2025
0.51	128	5/22/2025
0.46	116	5/22/2025
0.45	112	5/22/2025
0.44	110	5/22/2025
0.42	105	5/22/2025
0.46	115	5/22/2025
0.40	100	5/22/2025
0.36	91	5/22/2025
0.37	93	5/22/2025
0.40	100	5/22/2025
0.58	146	5/22/2025
0.47	118	5/22/2025
0.45	111	5/22/2025
0.30	75	5/22/2025
0.42	106	5/22/2025
0.48	119	5/22/2025
0.35	86	5/22/2025
0.50	125	5/22/2025
0.41	102	5/22/2025
0.03	113	5/22/2025
0.48	121	5/22/2025
0.47	118	5/22/2025
0.52	130	5/22/2025
0.48	121	5/22/2025
0.50	126	5/22/2025
0.44	111	5/22/2025
0.36	91	5/22/2025
0.40	101	5/22/2025
0.38	95	5/22/2025
0.50	125	5/22/2025
0.49	123	5/22/2025
0.77	191	5/22/2025
0.42	106	5/22/2025
0.38	94	5/22/2025
0.40	100	5/22/2025
0.46	115	5/22/2025
0.43	106	5/22/2025
0.53	134	5/22/2025
0.40	101	5/22/2025
0.78	194	5/22/2025
0.38	95	5/22/2025
0.40	101	5/22/2025
0.57	143	5/22/2025
0.03	86	5/22/2025
0.27	68	5/22/2025
0.37	93	5/22/2025
0.38	95	5/22/2025
0.39	97	5/22/2025
0.38	95	5/22/2025
0.50	124	5/22/2025
0.40	100	5/22/2025
0.35	88	5/22/2025
0.35	86	5/22/2025
0.45	113	5/22/2025
0.39	98	5/22/2025
0.03	113	5/22/2025
0.42	105	5/22/2025
0.39	97	5/22/2025
0.48	120	5/22/2025
0.04	121	5/22/2025
0.48	119	5/22/2025
0.42	105	5/22/2025
0.02	82	5/22/2025



SAMPLE DATA

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-IA-1
Lab Sample ID: Q3555-01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.51	2.52		1	0.54	2.47	11/06/25 10:51	VL110625
74-87-3	Chloromethane	0.41	0.85	J	1	0.21	1.03	11/06/25 10:51	VL110625
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	11/06/25 10:51	VL110625
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	11/06/25 10:51	VL110625
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	11/06/25 10:51	VL110625
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	11/06/25 10:51	VL110625
75-69-4	Trichlorofluoromethane	0.33	1.85	J	1	0.96	2.81	11/06/25 10:51	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	11/06/25 10:51	VL110625
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	11/06/25 10:51	VL110625
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	11/06/25 10:51	VL110625
142-82-5	Heptane	0.21	0.86	J	1	0.70	2.05	11/06/25 10:51	VL110625
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	11/06/25 10:51	VL110625
67-64-1	Acetone	8.90	21.1		1	0.43	1.19	11/06/25 10:51	VL110625
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	11/06/25 10:51	VL110625
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	11/06/25 10:51	VL110625
75-09-2	Methylene Chloride	0.80	2.78		1	0.80	1.74	11/06/25 10:51	VL110625
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	11/06/25 10:51	VL110625
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	11/06/25 10:51	VL110625
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	11/06/25 10:51	VL110625
78-93-3	2-Butanone	0.31	0.91	J	1	0.18	1.47	11/06/25 10:51	VL110625
56-23-5	Carbon Tetrachloride	0.070	0.44		1	0.19	0.19	11/06/25 10:51	VL110625
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	11/06/25 10:51	VL110625
67-66-3	Chloroform	0.78	3.81		1	0.49	2.44	11/06/25 10:51	VL110625
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	11/06/25 10:51	VL110625
540-84-1	2,2,4-Trimethylpentane	0.18	0.84	J	1	0.65	2.34	11/06/25 10:51	VL110625
71-43-2	Benzene	0.31	0.99	J	1	0.26	1.60	11/06/25 10:51	VL110625
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	11/06/25 10:51	VL110625
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	11/06/25 10:51	VL110625
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	11/06/25 10:51	VL110625
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	11/06/25 10:51	VL110625
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	11/06/25 10:51	VL110625
108-88-3	Toluene	0.81	3.05		1	0.60	1.88	11/06/25 10:51	VL110625
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	11/06/25 10:51	VL110625
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	11/06/25 10:51	VL110625
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	11/06/25 10:51	VL110625
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	11/06/25 10:51	VL110625
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	11/06/25 10:51	VL110625
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	11/06/25 10:51	VL110625
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	11/06/25 10:51	VL110625
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	11/06/25 10:51	VL110625
179601-23-1	m/p-Xylene	0.44	1.91	J	1	1.78	4.34	11/06/25 10:51	VL110625
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	11/06/25 10:51	VL110625
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	11/06/25 10:51	VL110625
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	11/06/25 10:51	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	11/06/25 10:51	VL110625
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	11/06/25 10:51	VL110625

Report of Analysis

Client:	RTP Environmental	Date Collected:	11/05/25
Project:	151 JUNIPER DRIVE	Date Received:	11/05/25
Client Sample ID:	151-IA-1	SDG No.:	Q3555
Lab Sample ID:	Q3555-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 mL		

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	11/06/25 10:51	VL110625
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	11/06/25 10:51	VL110625
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	11/06/25 10:51	VL110625
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/06/25 10:51	VL110625
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/06/25 10:51	VL110625
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	11/06/25 10:51	VL110625
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	11/06/25 10:51	VL110625
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	11/06/25 10:51	VL110625
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	11/06/25 10:51	VL110625
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	11/06/25 10:51	VL110625
110-54-3	Hexane	1.70	5.99		1	0.56	1.76	11/06/25 10:51	VL110625
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	11/06/25 10:51	VL110625
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	11/06/25 10:51	VL110625
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	11/06/25 10:51	VL110625

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.0				70 (65) - 130	100%	SPK: 10
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INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
74-97-5	Bromochloromethane	116000
540-36-3	1,4-Difluorobenzene	348000
3114-55-4	Chlorobenzene-d5	298000

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-IA-2
Lab Sample ID: Q3555-02
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.51	2.52		1	0.54	2.47	11/06/25 09:42	VL110625
74-87-3	Chloromethane	0.43	0.89	J	1	0.21	1.03	11/06/25 09:42	VL110625
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	11/06/25 09:42	VL110625
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	11/06/25 09:42	VL110625
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	11/06/25 09:42	VL110625
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	11/06/25 09:42	VL110625
75-69-4	Trichlorofluoromethane	0.31	1.74	J	1	0.96	2.81	11/06/25 09:42	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	11/06/25 09:42	VL110625
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	11/06/25 09:42	VL110625
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	11/06/25 09:42	VL110625
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	11/06/25 09:42	VL110625
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	11/06/25 09:42	VL110625
67-64-1	Acetone	6.30	15.0		1	0.43	1.19	11/06/25 09:42	VL110625
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	11/06/25 09:42	VL110625
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	11/06/25 09:42	VL110625
75-09-2	Methylene Chloride	0.59	2.05		1	0.80	1.74	11/06/25 09:42	VL110625
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	11/06/25 09:42	VL110625
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	11/06/25 09:42	VL110625
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	11/06/25 09:42	VL110625
78-93-3	2-Butanone	0.31	0.91	J	1	0.18	1.47	11/06/25 09:42	VL110625
56-23-5	Carbon Tetrachloride	0.080	0.50		1	0.19	0.19	11/06/25 09:42	VL110625
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	11/06/25 09:42	VL110625
67-66-3	Chloroform	0.62	3.03		1	0.49	2.44	11/06/25 09:42	VL110625
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	11/06/25 09:42	VL110625
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	11/06/25 09:42	VL110625
71-43-2	Benzene	0.20	0.64	J	1	0.26	1.60	11/06/25 09:42	VL110625
107-06-2	1,2-Dichloroethane	0.22	0.89	J	1	0.36	2.02	11/06/25 09:42	VL110625
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	11/06/25 09:42	VL110625
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	11/06/25 09:42	VL110625
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	11/06/25 09:42	VL110625
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	11/06/25 09:42	VL110625
108-88-3	Toluene	0.52	1.96		1	0.60	1.88	11/06/25 09:42	VL110625
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	11/06/25 09:42	VL110625
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	11/06/25 09:42	VL110625
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	11/06/25 09:42	VL110625
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	11/06/25 09:42	VL110625
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	11/06/25 09:42	VL110625
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	11/06/25 09:42	VL110625
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	11/06/25 09:42	VL110625
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	11/06/25 09:42	VL110625
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	11/06/25 09:42	VL110625
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	11/06/25 09:42	VL110625
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	11/06/25 09:42	VL110625
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	11/06/25 09:42	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	11/06/25 09:42	VL110625
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	11/06/25 09:42	VL110625

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-IA-2
Lab Sample ID: Q3555-02
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	11/06/25 09:42	VL110625
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	11/06/25 09:42	VL110625
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	11/06/25 09:42	VL110625
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/06/25 09:42	VL110625
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/06/25 09:42	VL110625
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	11/06/25 09:42	VL110625
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	11/06/25 09:42	VL110625
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	11/06/25 09:42	VL110625
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	11/06/25 09:42	VL110625
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	11/06/25 09:42	VL110625
110-54-3	Hexane	1.00	3.52		1	0.56	1.76	11/06/25 09:42	VL110625
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	11/06/25 09:42	VL110625
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	11/06/25 09:42	VL110625
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	11/06/25 09:42	VL110625

SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 10.1 70 (65) - 130 101% SPK: 10

INTERNAL STANDARDS

Area Count
74-97-5 Bromochloromethane 116000
540-36-3 1,4-Difluorobenzene 360000
3114-55-4 Chlorobenzene-d5 302000

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-SG-1
Lab Sample ID: Q3555-03
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.48	2.37	J	2	1.09	4.94	11/06/25 18:57	VL110625
74-87-3	Chloromethane	0.20	0.41	U	2	0.41	2.07	11/06/25 18:57	VL110625
75-01-4	Vinyl Chloride	0.050	0.13	U	2	0.13	0.15	11/06/25 18:57	VL110625
74-83-9	Bromomethane	0.15	0.58	U	2	0.58	3.88	11/06/25 18:57	VL110625
75-00-3	Chloroethane	0.30	0.79	U	2	0.79	2.64	11/06/25 18:57	VL110625
109-99-9	Tetrahydrofuran	0.26	0.77	J	2	0.47	2.95	11/06/25 18:57	VL110625
75-69-4	Trichlorofluoromethane	0.34	1.91	U	2	1.91	5.62	11/06/25 18:57	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	0.28	2.15	U	2	2.15	7.66	11/06/25 18:57	VL110625
76-14-2	Dichlorotetrafluoroethane	0.30	2.10	U	2	2.10	6.99	11/06/25 18:57	VL110625
75-65-0	tert-Butyl alcohol	0.32	0.97	U	2	0.97	3.03	11/06/25 18:57	VL110625
142-82-5	Heptane	0.34	1.39	U	2	1.39	4.10	11/06/25 18:57	VL110625
75-35-4	1,1-Dichloroethene	0.30	1.19	U	2	1.19	3.96	11/06/25 18:57	VL110625
67-64-1	Acetone	19.6	46.6		2	0.86	2.38	11/06/25 18:57	VL110625
75-15-0	Carbon Disulfide	0.26	0.81	J	2	0.50	3.11	11/06/25 18:57	VL110625
1634-04-4	Methyl tert-Butyl Ether	0.46	1.66	U	2	1.66	3.61	11/06/25 18:57	VL110625
75-09-2	Methylene Chloride	1.50	5.21		2	1.60	3.47	11/06/25 18:57	VL110625
156-60-5	trans-1,2-Dichloroethene	0.24	0.95	U	2	0.95	3.96	11/06/25 18:57	VL110625
75-34-3	1,1-Dichloroethane	0.26	1.05	U	2	1.05	4.05	11/06/25 18:57	VL110625
110-82-7	Cyclohexane	0.44	1.51	U	2	1.51	3.44	11/06/25 18:57	VL110625
78-93-3	2-Butanone	1.00	2.95		2	0.32	2.95	11/06/25 18:57	VL110625
56-23-5	Carbon Tetrachloride	0.060	0.38		2	0.31	0.38	11/06/25 18:57	VL110625
156-59-2	cis-1,2-Dichloroethene	0.20	0.79	U	2	0.79	3.96	11/06/25 18:57	VL110625
67-66-3	Chloroform	71.6	350	E	2	0.93	4.88	11/06/25 18:57	VL110625
71-55-6	1,1,1-Trichloroethane	0.030	0.16	U	2	0.16	0.33	11/06/25 18:57	VL110625
540-84-1	2,2,4-Trimethylpentane	0.28	1.31	U	2	1.31	4.67	11/06/25 18:57	VL110625
71-43-2	Benzene	0.16	0.51	U	2	0.51	3.19	11/06/25 18:57	VL110625
107-06-2	1,2-Dichloroethane	0.19	0.77	U	2	0.77	4.05	11/06/25 18:57	VL110625
79-01-6	Trichloroethene	0.050	0.27	U	2	0.27	0.32	11/06/25 18:57	VL110625
78-87-5	1,2-Dichloropropane	0.26	1.20	U	2	1.20	4.62	11/06/25 18:57	VL110625
75-27-4	Bromodichloromethane	0.54	3.62	J	2	0.87	6.70	11/06/25 18:57	VL110625
108-10-1	4-Methyl-2-Pentanone	0.19	0.78	U	2	0.78	4.10	11/06/25 18:57	VL110625
108-88-3	Toluene	0.32	1.21	U	2	1.21	3.77	11/06/25 18:57	VL110625
10061-02-6	t-1,3-Dichloropropene	0.30	1.36	U	2	1.36	4.54	11/06/25 18:57	VL110625
10061-01-5	cis-1,3-Dichloropropene	0.22	1.00	U	2	1.00	4.54	11/06/25 18:57	VL110625
79-00-5	1,1,2-Trichloroethane	0.16	0.87	U	2	0.87	5.46	11/06/25 18:57	VL110625
124-48-1	Dibromochloromethane	0.17	1.45	U	2	1.45	8.52	11/06/25 18:57	VL110625
106-93-4	1,2-Dibromoethane	0.17	1.31	U	2	1.31	1.54	11/06/25 18:57	VL110625
127-18-4	Tetrachloroethene	0.080	0.54		2	0.20	0.41	11/06/25 18:57	VL110625
108-90-7	Chlorobenzene	0.15	0.69	U	2	0.69	4.61	11/06/25 18:57	VL110625
100-41-4	Ethyl Benzene	0.38	1.65	U	2	1.65	4.34	11/06/25 18:57	VL110625
179601-23-1	m/p-Xylene	0.82	3.56	U	2	3.56	8.69	11/06/25 18:57	VL110625
95-47-6	o-Xylene	0.42	1.82	U	2	1.82	4.34	11/06/25 18:57	VL110625
100-42-5	Styrene	0.32	1.36	U	2	1.36	4.26	11/06/25 18:57	VL110625
75-25-2	Bromoform	0.10	1.03	U	2	1.03	10.3	11/06/25 18:57	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	0.040	0.27	U	2	0.27	0.41	11/06/25 18:57	VL110625
95-49-8	2-Chlorotoluene	0.34	1.76	U	2	1.76	5.18	11/06/25 18:57	VL110625

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-SG-1
Lab Sample ID: Q3555-03
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	0.36	1.77	U	2	1.77	4.92	11/06/25 18:57	VL110625
95-63-6	1,2,4-Trimethylbenzene	0.36	1.77	U	2	1.77	4.92	11/06/25 18:57	VL110625
541-73-1	1,3-Dichlorobenzene	0.11	0.66	U	2	0.66	6.01	11/06/25 18:57	VL110625
106-46-7	1,4-Dichlorobenzene	0.26	1.56	U	2	1.56	6.01	11/06/25 18:57	VL110625
95-50-1	1,2-Dichlorobenzene	0.26	1.56	U	2	1.56	6.01	11/06/25 18:57	VL110625
120-82-1	1,2,4-Trichlorobenzene	0.42	3.12	U	2	3.12	7.42	11/06/25 18:57	VL110625
87-68-3	Hexachloro-1,3-Butadiene	0.26	2.77	U	2	2.77	10.7	11/06/25 18:57	VL110625
106-99-0	1,3-Butadiene	0.10	0.22	U	2	0.22	2.21	11/06/25 18:57	VL110625
91-20-3	Naphthalene	0.030	0.16	U	2	0.16	1.05	11/06/25 18:57	VL110625
622-96-8	4-Ethyltoluene	0.42	2.06	U	2	2.06	4.92	11/06/25 18:57	VL110625
110-54-3	Hexane	2.60	9.16		2	1.13	3.52	11/06/25 18:57	VL110625
107-05-1	Allyl Chloride	0.22	0.69	U	2	0.69	3.13	11/06/25 18:57	VL110625
123-91-1	1,4-Dioxane	0.44	1.59	U	2	1.59	3.60	11/06/25 18:57	VL110625
80-62-6	Methyl Methacrylate	0.28	1.15	U	2	1.15	4.09	11/06/25 18:57	VL110625

SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 10.2 70 (65) - 130 102% SPK: 10

INTERNAL STANDARDS

Area Count
74-97-5 Bromochloromethane 126000
540-36-3 1,4-Difluorobenzene 343000
3114-55-4 Chlorobenzene-d5 287000

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-SG-1DL
Lab Sample ID: Q3555-03DL
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	5.44	UD	10	5.44	24.7	11/06/25 14:54	VL110625
74-87-3	Chloromethane	0.98	2.02	UD	10	2.02	10.3	11/06/25 14:54	VL110625
75-01-4	Vinyl Chloride	0.25	0.64	UD	10	0.64	0.77	11/06/25 14:54	VL110625
74-83-9	Bromomethane	0.77	2.99	UD	10	2.99	19.4	11/06/25 14:54	VL110625
75-00-3	Chloroethane	1.50	3.96	UD	10	3.96	13.2	11/06/25 14:54	VL110625
109-99-9	Tetrahydrofuran	0.80	2.36	UD	10	2.36	14.8	11/06/25 14:54	VL110625
75-69-4	Trichlorofluoromethane	1.70	9.55	UD	10	9.55	28.1	11/06/25 14:54	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	10.7	UD	10	10.7	38.3	11/06/25 14:54	VL110625
76-14-2	Dichlorotetrafluoroethane	1.50	10.5	UD	10	10.5	35.0	11/06/25 14:54	VL110625
75-65-0	tert-Butyl alcohol	1.60	4.85	UD	10	4.85	15.2	11/06/25 14:54	VL110625
142-82-5	Heptane	1.70	6.97	UD	10	6.97	20.5	11/06/25 14:54	VL110625
75-35-4	1,1-Dichloroethene	1.50	5.95	UD	10	5.95	19.8	11/06/25 14:54	VL110625
67-64-1	Acetone	21.9	52.0	D	10	4.28	11.9	11/06/25 14:54	VL110625
75-15-0	Carbon Disulfide	0.80	2.49	UD	10	2.49	15.6	11/06/25 14:54	VL110625
1634-04-4	Methyl tert-Butyl Ether	2.30	8.29	UD	10	8.29	18.0	11/06/25 14:54	VL110625
75-09-2	Methylene Chloride	3.80	13.2	JD	10	7.99	17.4	11/06/25 14:54	VL110625
156-60-5	trans-1,2-Dichloroethene	1.20	4.76	UD	10	4.76	19.8	11/06/25 14:54	VL110625
75-34-3	1,1-Dichloroethane	1.30	5.26	UD	10	5.26	20.2	11/06/25 14:54	VL110625
110-82-7	Cyclohexane	2.20	7.57	UD	10	7.57	17.2	11/06/25 14:54	VL110625
78-93-3	2-Butanone	1.20	3.54	JD	10	1.65	14.8	11/06/25 14:54	VL110625
56-23-5	Carbon Tetrachloride	0.25	1.57	UD	10	1.57	1.89	11/06/25 14:54	VL110625
156-59-2	cis-1,2-Dichloroethene	0.99	3.93	UD	10	3.93	19.8	11/06/25 14:54	VL110625
67-66-3	Chloroform	81.3	397	D	10	4.69	24.4	11/06/25 14:54	VL110625
71-55-6	1,1,1-Trichloroethane	0.16	0.87	UD	10	0.87	1.64	11/06/25 14:54	VL110625
540-84-1	2,2,4-Trimethylpentane	1.40	6.54	UD	10	6.54	23.4	11/06/25 14:54	VL110625
71-43-2	Benzene	0.79	2.52	UD	10	2.52	16.0	11/06/25 14:54	VL110625
107-06-2	1,2-Dichloroethane	0.93	3.76	UD	10	3.76	20.2	11/06/25 14:54	VL110625
79-01-6	Trichloroethene	0.24	1.29	UD	10	1.29	1.61	11/06/25 14:54	VL110625
78-87-5	1,2-Dichloropropane	1.30	6.01	UD	10	6.01	23.1	11/06/25 14:54	VL110625
75-27-4	Bromodichloromethane	0.63	4.22	UD	10	4.22	33.5	11/06/25 14:54	VL110625
108-10-1	4-Methyl-2-Pentanone	0.97	3.98	UD	10	3.98	20.5	11/06/25 14:54	VL110625
108-88-3	Toluene	1.60	6.03	UD	10	6.03	18.8	11/06/25 14:54	VL110625
10061-02-6	t-1,3-Dichloropropene	1.50	6.81	UD	10	6.81	22.7	11/06/25 14:54	VL110625
10061-01-5	cis-1,3-Dichloropropene	1.10	4.99	UD	10	4.99	22.7	11/06/25 14:54	VL110625
79-00-5	1,1,2-Trichloroethane	0.81	4.42	UD	10	4.42	27.3	11/06/25 14:54	VL110625
124-48-1	Dibromochloromethane	0.85	7.24	UD	10	7.24	42.6	11/06/25 14:54	VL110625
106-93-4	1,2-Dibromoethane	0.85	6.53	UD	10	6.53	7.69	11/06/25 14:54	VL110625
127-18-4	Tetrachloroethene	0.15	1.02	UD	10	1.02	2.03	11/06/25 14:54	VL110625
108-90-7	Chlorobenzene	0.77	3.55	UD	10	3.55	23.0	11/06/25 14:54	VL110625
100-41-4	Ethyl Benzene	1.90	8.25	UD	10	8.25	21.7	11/06/25 14:54	VL110625
179601-23-1	m/p-Xylene	4.10	17.8	UD	10	17.8	43.4	11/06/25 14:54	VL110625
95-47-6	o-Xylene	2.10	9.12	UD	10	9.12	21.7	11/06/25 14:54	VL110625
100-42-5	Styrene	1.60	6.81	UD	10	6.81	21.3	11/06/25 14:54	VL110625
75-25-2	Bromoform	0.48	4.96	UD	10	4.96	51.7	11/06/25 14:54	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	0.18	1.24	UD	10	1.24	2.06	11/06/25 14:54	VL110625
95-49-8	2-Chlorotoluene	1.70	8.80	UD	10	8.80	25.9	11/06/25 14:54	VL110625

Report of Analysis

Client:	RTP Environmental	Date Collected:	11/05/25
Project:	151 JUNIPER DRIVE	Date Received:	11/05/25
Client Sample ID:	151-SG-1DL	SDG No.:	Q3555
Lab Sample ID:	Q3555-03DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 mL		

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	1.80	8.85	UD	10	8.85	24.6	11/06/25 14:54	VL110625
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85	UD	10	8.85	24.6	11/06/25 14:54	VL110625
541-73-1	1,3-Dichlorobenzene	0.54	3.25	UD	10	3.25	30.1	11/06/25 14:54	VL110625
106-46-7	1,4-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	11/06/25 14:54	VL110625
95-50-1	1,2-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	11/06/25 14:54	VL110625
120-82-1	1,2,4-Trichlorobenzene	2.10	15.6	UD	10	15.6	37.1	11/06/25 14:54	VL110625
87-68-3	Hexachloro-1,3-Butadiene	1.30	13.9	UD	10	13.9	53.3	11/06/25 14:54	VL110625
106-99-0	1,3-Butadiene	0.51	1.13	UD	10	1.13	11.1	11/06/25 14:54	VL110625
91-20-3	Naphthalene	0.13	0.68	UD	10	0.68	5.24	11/06/25 14:54	VL110625
622-96-8	4-Ethyltoluene	2.10	10.3	UD	10	10.3	24.6	11/06/25 14:54	VL110625
110-54-3	Hexane	2.60	9.16	JD	10	5.64	17.6	11/06/25 14:54	VL110625
107-05-1	Allyl Chloride	1.10	3.44	UD	10	3.44	15.7	11/06/25 14:54	VL110625
123-91-1	1,4-Dioxane	2.20	7.93	UD	10	7.93	18.0	11/06/25 14:54	VL110625
80-62-6	Methyl Methacrylate	1.40	5.73	UD	10	5.73	20.5	11/06/25 14:54	VL110625

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.0		70 (65) - 130	100%	SPK: 10
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INTERNAL STANDARDS

	Area Count
74-97-5 Bromochloromethane	110000
540-36-3 1,4-Difluorobenzene	313000
3114-55-4 Chlorobenzene-d5	256000

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-SG-2
Lab Sample ID: Q3555-04
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.52	2.57	J	2	1.09	4.94	11/06/25 18:23	VL110625
74-87-3	Chloromethane	0.26	0.54	J	2	0.41	2.07	11/06/25 18:23	VL110625
75-01-4	Vinyl Chloride	0.050	0.13	U	2	0.13	0.15	11/06/25 18:23	VL110625
74-83-9	Bromomethane	0.15	0.58	U	2	0.58	3.88	11/06/25 18:23	VL110625
75-00-3	Chloroethane	0.30	0.79	U	2	0.79	2.64	11/06/25 18:23	VL110625
109-99-9	Tetrahydrofuran	0.16	0.47	U	2	0.47	2.95	11/06/25 18:23	VL110625
75-69-4	Trichlorofluoromethane	0.34	1.91	U	2	1.91	5.62	11/06/25 18:23	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	0.28	2.15	U	2	2.15	7.66	11/06/25 18:23	VL110625
76-14-2	Dichlorotetrafluoroethane	0.30	2.10	U	2	2.10	6.99	11/06/25 18:23	VL110625
75-65-0	tert-Butyl alcohol	0.32	0.97	U	2	0.97	3.03	11/06/25 18:23	VL110625
142-82-5	Heptane	0.34	1.39	U	2	1.39	4.10	11/06/25 18:23	VL110625
75-35-4	1,1-Dichloroethene	0.30	1.19	U	2	1.19	3.96	11/06/25 18:23	VL110625
67-64-1	Acetone	24.6	58.4		2	0.86	2.38	11/06/25 18:23	VL110625
75-15-0	Carbon Disulfide	0.16	0.50	U	2	0.50	3.11	11/06/25 18:23	VL110625
1634-04-4	Methyl tert-Butyl Ether	0.46	1.66	U	2	1.66	3.61	11/06/25 18:23	VL110625
75-09-2	Methylene Chloride	1.30	4.52		2	1.60	3.47	11/06/25 18:23	VL110625
156-60-5	trans-1,2-Dichloroethene	0.24	0.95	U	2	0.95	3.96	11/06/25 18:23	VL110625
75-34-3	1,1-Dichloroethane	0.26	1.05	U	2	1.05	4.05	11/06/25 18:23	VL110625
110-82-7	Cyclohexane	0.44	1.51	U	2	1.51	3.44	11/06/25 18:23	VL110625
78-93-3	2-Butanone	1.50	4.42		2	0.32	2.95	11/06/25 18:23	VL110625
56-23-5	Carbon Tetrachloride	0.10	0.63		2	0.31	0.38	11/06/25 18:23	VL110625
156-59-2	cis-1,2-Dichloroethene	0.20	0.79	U	2	0.79	3.96	11/06/25 18:23	VL110625
67-66-3	Chloroform	51.6	252	E	2	0.93	4.88	11/06/25 18:23	VL110625
71-55-6	1,1,1-Trichloroethane	0.030	0.16	U	2	0.16	0.33	11/06/25 18:23	VL110625
540-84-1	2,2,4-Trimethylpentane	0.28	1.31	U	2	1.31	4.67	11/06/25 18:23	VL110625
71-43-2	Benzene	0.16	0.51	U	2	0.51	3.19	11/06/25 18:23	VL110625
107-06-2	1,2-Dichloroethane	0.19	0.77	U	2	0.77	4.05	11/06/25 18:23	VL110625
79-01-6	Trichloroethene	0.050	0.27	U	2	0.27	0.32	11/06/25 18:23	VL110625
78-87-5	1,2-Dichloropropane	0.26	1.20	U	2	1.20	4.62	11/06/25 18:23	VL110625
75-27-4	Bromodichloromethane	0.34	2.28	J	2	0.87	6.70	11/06/25 18:23	VL110625
108-10-1	4-Methyl-2-Pentanone	0.19	0.78	U	2	0.78	4.10	11/06/25 18:23	VL110625
108-88-3	Toluene	0.32	1.21	U	2	1.21	3.77	11/06/25 18:23	VL110625
10061-02-6	t-1,3-Dichloropropene	0.30	1.36	U	2	1.36	4.54	11/06/25 18:23	VL110625
10061-01-5	cis-1,3-Dichloropropene	0.22	1.00	U	2	1.00	4.54	11/06/25 18:23	VL110625
79-00-5	1,1,2-Trichloroethane	0.16	0.87	U	2	0.87	5.46	11/06/25 18:23	VL110625
124-48-1	Dibromochloromethane	0.17	1.45	U	2	1.45	8.52	11/06/25 18:23	VL110625
106-93-4	1,2-Dibromoethane	0.17	1.31	U	2	1.31	1.54	11/06/25 18:23	VL110625
127-18-4	Tetrachloroethene	0.030	0.20	U	2	0.20	0.41	11/06/25 18:23	VL110625
108-90-7	Chlorobenzene	0.15	0.69	U	2	0.69	4.61	11/06/25 18:23	VL110625
100-41-4	Ethyl Benzene	0.38	1.65	U	2	1.65	4.34	11/06/25 18:23	VL110625
179601-23-1	m/p-Xylene	0.82	3.56	U	2	3.56	8.69	11/06/25 18:23	VL110625
95-47-6	o-Xylene	0.42	1.82	U	2	1.82	4.34	11/06/25 18:23	VL110625
100-42-5	Styrene	0.32	1.36	U	2	1.36	4.26	11/06/25 18:23	VL110625
75-25-2	Bromoform	0.10	1.03	U	2	1.03	10.3	11/06/25 18:23	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	0.040	0.27	U	2	0.27	0.41	11/06/25 18:23	VL110625
95-49-8	2-Chlorotoluene	0.34	1.76	U	2	1.76	5.18	11/06/25 18:23	VL110625

Report of Analysis

Client:	RTP Environmental	Date Collected:	11/05/25
Project:	151 JUNIPER DRIVE	Date Received:	11/05/25
Client Sample ID:	151-SG-2	SDG No.:	Q3555
Lab Sample ID:	Q3555-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 mL		

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	0.36	1.77	U	2	1.77	4.92	11/06/25 18:23	VL110625
95-63-6	1,2,4-Trimethylbenzene	0.36	1.77	U	2	1.77	4.92	11/06/25 18:23	VL110625
541-73-1	1,3-Dichlorobenzene	0.11	0.66	U	2	0.66	6.01	11/06/25 18:23	VL110625
106-46-7	1,4-Dichlorobenzene	0.26	1.56	U	2	1.56	6.01	11/06/25 18:23	VL110625
95-50-1	1,2-Dichlorobenzene	0.26	1.56	U	2	1.56	6.01	11/06/25 18:23	VL110625
120-82-1	1,2,4-Trichlorobenzene	0.42	3.12	U	2	3.12	7.42	11/06/25 18:23	VL110625
87-68-3	Hexachloro-1,3-Butadiene	0.26	2.77	U	2	2.77	10.7	11/06/25 18:23	VL110625
106-99-0	1,3-Butadiene	0.10	0.22	U	2	0.22	2.21	11/06/25 18:23	VL110625
91-20-3	Naphthalene	0.030	0.16	U	2	0.16	1.05	11/06/25 18:23	VL110625
622-96-8	4-Ethyltoluene	0.42	2.06	U	2	2.06	4.92	11/06/25 18:23	VL110625
110-54-3	Hexane	0.74	2.61	J	2	1.13	3.52	11/06/25 18:23	VL110625
107-05-1	Allyl Chloride	0.22	0.69	U	2	0.69	3.13	11/06/25 18:23	VL110625
123-91-1	1,4-Dioxane	0.44	1.59	U	2	1.59	3.60	11/06/25 18:23	VL110625
80-62-6	Methyl Methacrylate	0.28	1.15	U	2	1.15	4.09	11/06/25 18:23	VL110625

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.1		70 (65) - 130	101%	SPK: 10
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INTERNAL STANDARDS

	Area Count
74-97-5 Bromochloromethane	116000
540-36-3 1,4-Difluorobenzene	320000
3114-55-4 Chlorobenzene-d5	276000

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-SG-2DL
Lab Sample ID: Q3555-04DL
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	5.44	UD	10	5.44	24.7	11/06/25 14:22	VL110625
74-87-3	Chloromethane	0.98	2.02	UD	10	2.02	10.3	11/06/25 14:22	VL110625
75-01-4	Vinyl Chloride	0.25	0.64	UD	10	0.64	0.77	11/06/25 14:22	VL110625
74-83-9	Bromomethane	0.77	2.99	UD	10	2.99	19.4	11/06/25 14:22	VL110625
75-00-3	Chloroethane	1.50	3.96	UD	10	3.96	13.2	11/06/25 14:22	VL110625
109-99-9	Tetrahydrofuran	0.80	2.36	UD	10	2.36	14.8	11/06/25 14:22	VL110625
75-69-4	Trichlorofluoromethane	1.70	9.55	UD	10	9.55	28.1	11/06/25 14:22	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	10.7	UD	10	10.7	38.3	11/06/25 14:22	VL110625
76-14-2	Dichlorotetrafluoroethane	1.50	10.5	UD	10	10.5	35.0	11/06/25 14:22	VL110625
75-65-0	tert-Butyl alcohol	1.60	4.85	UD	10	4.85	15.2	11/06/25 14:22	VL110625
142-82-5	Heptane	1.70	6.97	UD	10	6.97	20.5	11/06/25 14:22	VL110625
75-35-4	1,1-Dichloroethene	1.50	5.95	UD	10	5.95	19.8	11/06/25 14:22	VL110625
67-64-1	Acetone	24.4	58.0	D	10	4.28	11.9	11/06/25 14:22	VL110625
75-15-0	Carbon Disulfide	0.80	2.49	UD	10	2.49	15.6	11/06/25 14:22	VL110625
1634-04-4	Methyl tert-Butyl Ether	2.30	8.29	UD	10	8.29	18.0	11/06/25 14:22	VL110625
75-09-2	Methylene Chloride	3.30	11.5	JD	10	7.99	17.4	11/06/25 14:22	VL110625
156-60-5	trans-1,2-Dichloroethene	1.20	4.76	UD	10	4.76	19.8	11/06/25 14:22	VL110625
75-34-3	1,1-Dichloroethane	1.30	5.26	UD	10	5.26	20.2	11/06/25 14:22	VL110625
110-82-7	Cyclohexane	2.20	7.57	UD	10	7.57	17.2	11/06/25 14:22	VL110625
78-93-3	2-Butanone	1.50	4.42	JD	10	1.65	14.8	11/06/25 14:22	VL110625
56-23-5	Carbon Tetrachloride	0.25	1.57	UD	10	1.57	1.89	11/06/25 14:22	VL110625
156-59-2	cis-1,2-Dichloroethene	0.99	3.93	UD	10	3.93	19.8	11/06/25 14:22	VL110625
67-66-3	Chloroform	53.8	263	D	10	4.69	24.4	11/06/25 14:22	VL110625
71-55-6	1,1,1-Trichloroethane	0.16	0.87	UD	10	0.87	1.64	11/06/25 14:22	VL110625
540-84-1	2,2,4-Trimethylpentane	1.40	6.54	UD	10	6.54	23.4	11/06/25 14:22	VL110625
71-43-2	Benzene	0.79	2.52	UD	10	2.52	16.0	11/06/25 14:22	VL110625
107-06-2	1,2-Dichloroethane	0.93	3.76	UD	10	3.76	20.2	11/06/25 14:22	VL110625
79-01-6	Trichloroethene	0.24	1.29	UD	10	1.29	1.61	11/06/25 14:22	VL110625
78-87-5	1,2-Dichloropropane	1.30	6.01	UD	10	6.01	23.1	11/06/25 14:22	VL110625
75-27-4	Bromodichloromethane	0.63	4.22	UD	10	4.22	33.5	11/06/25 14:22	VL110625
108-10-1	4-Methyl-2-Pentanone	0.97	3.98	UD	10	3.98	20.5	11/06/25 14:22	VL110625
108-88-3	Toluene	1.60	6.03	UD	10	6.03	18.8	11/06/25 14:22	VL110625
10061-02-6	t-1,3-Dichloropropene	1.50	6.81	UD	10	6.81	22.7	11/06/25 14:22	VL110625
10061-01-5	cis-1,3-Dichloropropene	1.10	4.99	UD	10	4.99	22.7	11/06/25 14:22	VL110625
79-00-5	1,1,2-Trichloroethane	0.81	4.42	UD	10	4.42	27.3	11/06/25 14:22	VL110625
124-48-1	Dibromochloromethane	0.85	7.24	UD	10	7.24	42.6	11/06/25 14:22	VL110625
106-93-4	1,2-Dibromoethane	0.85	6.53	UD	10	6.53	7.69	11/06/25 14:22	VL110625
127-18-4	Tetrachloroethene	0.15	1.02	UD	10	1.02	2.03	11/06/25 14:22	VL110625
108-90-7	Chlorobenzene	0.77	3.55	UD	10	3.55	23.0	11/06/25 14:22	VL110625
100-41-4	Ethyl Benzene	1.90	8.25	UD	10	8.25	21.7	11/06/25 14:22	VL110625
179601-23-1	m/p-Xylene	4.10	17.8	UD	10	17.8	43.4	11/06/25 14:22	VL110625
95-47-6	o-Xylene	2.10	9.12	UD	10	9.12	21.7	11/06/25 14:22	VL110625
100-42-5	Styrene	1.60	6.81	UD	10	6.81	21.3	11/06/25 14:22	VL110625
75-25-2	Bromoform	0.48	4.96	UD	10	4.96	51.7	11/06/25 14:22	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	0.18	1.24	UD	10	1.24	2.06	11/06/25 14:22	VL110625
95-49-8	2-Chlorotoluene	1.70	8.80	UD	10	8.80	25.9	11/06/25 14:22	VL110625

Report of Analysis

Client:	RTP Environmental	Date Collected:	11/05/25
Project:	151 JUNIPER DRIVE	Date Received:	11/05/25
Client Sample ID:	151-SG-2DL	SDG No.:	Q3555
Lab Sample ID:	Q3555-04DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 mL		

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	1.80	8.85	UD	10	8.85	24.6	11/06/25 14:22	VL110625
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85	UD	10	8.85	24.6	11/06/25 14:22	VL110625
541-73-1	1,3-Dichlorobenzene	0.54	3.25	UD	10	3.25	30.1	11/06/25 14:22	VL110625
106-46-7	1,4-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	11/06/25 14:22	VL110625
95-50-1	1,2-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	11/06/25 14:22	VL110625
120-82-1	1,2,4-Trichlorobenzene	2.10	15.6	UD	10	15.6	37.1	11/06/25 14:22	VL110625
87-68-3	Hexachloro-1,3-Butadiene	1.30	13.9	UD	10	13.9	53.3	11/06/25 14:22	VL110625
106-99-0	1,3-Butadiene	0.51	1.13	UD	10	1.13	11.1	11/06/25 14:22	VL110625
91-20-3	Naphthalene	0.13	0.68	UD	10	0.68	5.24	11/06/25 14:22	VL110625
622-96-8	4-Ethyltoluene	2.10	10.3	UD	10	10.3	24.6	11/06/25 14:22	VL110625
110-54-3	Hexane	1.60	5.64	UD	10	5.64	17.6	11/06/25 14:22	VL110625
107-05-1	Allyl Chloride	1.10	3.44	UD	10	3.44	15.7	11/06/25 14:22	VL110625
123-91-1	1,4-Dioxane	2.20	7.93	UD	10	7.93	18.0	11/06/25 14:22	VL110625
80-62-6	Methyl Methacrylate	1.40	5.73	UD	10	5.73	20.5	11/06/25 14:22	VL110625

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.0		70 (65) - 130	100%	SPK: 10
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INTERNAL STANDARDS

	Area Count
74-97-5 Bromochloromethane	113000
540-36-3 1,4-Difluorobenzene	323000
3114-55-4 Chlorobenzene-d5	267000

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements



QC SUMMARY

Surrogate Summary

SDG No.: Q3555

Client: RTP Environmental

Analytical Method: SWTO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3555-01	151-IA-1	1-Bromo-4-Fluorobenzene	10	10.1	100		70 (65)	130 (135)
Q3555-02	151-IA-2	1-Bromo-4-Fluorobenzene	10	10.1	101		70 (65)	130 (135)
Q3555-02DUP	151-IA-2DUP	1-Bromo-4-Fluorobenzene	10	10.1	101		70 (65)	130 (135)
Q3555-03	151-SG-1	1-Bromo-4-Fluorobenzene	10	10.2	102		70 (65)	130 (135)
Q3555-03DL	151-SG-1DL	1-Bromo-4-Fluorobenzene	10	10.0	100		70 (65)	130 (135)
Q3555-04	151-SG-2	1-Bromo-4-Fluorobenzene	10	10.1	101		70 (65)	130 (135)
Q3555-04DL	151-SG-2DL	1-Bromo-4-Fluorobenzene	10	9.97	100		70 (65)	130 (135)
VL1106ABL01	VL1106ABL01	1-Bromo-4-Fluorobenzene	10	9.77	98		70 (65)	130 (135)
VL1106ABS01	VL1106ABS01	1-Bromo-4-Fluorobenzene	10	10.2	102		70 (65)	130 (135)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3555</u>	Analytical Method:	<u>SWTO-15</u>
Client:	<u>RTP Environmental</u>	Datafile :	<u>VL043157.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VL1106ABS01	Dichlorodifluoromethane	10	10.8	ppbv	108			40 (70)	160 (130)	
	Chloromethane	10	9.10	ppbv	91			40 (70)	160 (130)	
	Vinyl Chloride	10	9.10	ppbv	91			70 (70)	130 (130)	
	Bromomethane	10	10.2	ppbv	102			40 (70)	160 (130)	
	Chloroethane	10	9.30	ppbv	93			40 (70)	160 (130)	
	Tetrahydrofuran	10	9.30	ppbv	93			70 (70)	130 (130)	
	Trichlorofluoromethane	10	11.7	ppbv	117			40 (70)	160 (130)	
	1,1,2-Trichlorotrifluoroethane	10	11.2	ppbv	112			70 (70)	130 (130)	
	Dichlorotetrafluoroethane	10	10.7	ppbv	107			70 (70)	130 (130)	
	tert-Butyl Alcohol	10	9.90	ppbv	99			70 (70)	130 (130)	
	Heptane	10	8.70	ppbv	87			70 (70)	130 (130)	
	1,1-Dichloroethene	10	11.0	ppbv	110			70 (70)	130 (130)	
	Acetone	10	8.90	ppbv	89			40 (70)	160 (130)	
	Carbon disulfide	10	10.7	ppbv	107			40 (70)	160 (130)	
	Methyl tert-butyl Ether	10	9.80	ppbv	98			70 (70)	130 (130)	
	Methylene Chloride	10	9.10	ppbv	91			70 (70)	130 (130)	
	trans-1,2-Dichloroethene	10	10.7	ppbv	107			70 (70)	130 (130)	
	1,1-Dichloroethane	10	10.5	ppbv	105			70 (70)	130 (130)	
	Cyclohexane	10	9.30	ppbv	93			70 (70)	130 (130)	
	2-Butanone	10	10.4	ppbv	104			40 (70)	160 (130)	
	Carbon Tetrachloride	10	11.8	ppbv	118			70 (70)	130 (130)	
	cis-1,2-Dichloroethene	10	10.5	ppbv	105			70 (70)	130 (130)	
	Chloroform	10	11.0	ppbv	110			70 (70)	130 (130)	
	1,1,1-Trichloroethane	10	10.7	ppbv	107			70 (70)	130 (130)	
	2,2,4-Trimethylpentane	10	9.80	ppbv	98			70 (70)	130 (130)	
	Benzene	10	10.2	ppbv	102			70 (70)	130 (130)	
	1,2-Dichloroethane	10	11.3	ppbv	113			70 (70)	130 (130)	
	Trichloroethene	10	9.60	ppbv	96			70 (70)	130 (130)	
	1,2-Dichloropropane	10	10.0	ppbv	100			70 (70)	130 (130)	
	Bromodichloromethane	10	11.4	ppbv	114			70 (70)	130 (130)	
	4-Methyl-2-Pentanone	10	9.40	ppbv	94			40 (70)	160 (130)	
	Toluene	10	9.70	ppbv	97			70 (70)	130 (130)	
	t-1,3-Dichloropropene	10	10.1	ppbv	101			70 (70)	130 (130)	
	cis-1,3-Dichloropropene	10	10.0	ppbv	100			70 (70)	130 (130)	
	1,1,2-Trichloroethane	10	10.3	ppbv	103			70 (70)	130 (130)	
	Dibromochloromethane	10	11.1	ppbv	111			70 (70)	130 (130)	
	1,2-Dibromoethane	10	10.3	ppbv	103			70 (70)	130 (130)	
	Tetrachloroethene	10	10.3	ppbv	103			70 (70)	130 (130)	
	Chlorobenzene	10	10.2	ppbv	102			70 (70)	130 (130)	
	Ethyl Benzene	10	10.3	ppbv	103			70 (70)	130 (130)	
	m/p-Xylene	20	20.9	ppbv	104			70 (70)	130 (130)	
	o-Xylene	10	10.4	ppbv	104			70 (70)	130 (130)	
	Styrene	10	9.80	ppbv	98			70 (70)	130 (130)	
	Bromoform	10	11.6	ppbv	116			70 (70)	130 (130)	
	1,1,2,2-Tetrachloroethane	10	9.90	ppbv	99			70 (70)	130 (130)	
	2-Chlorotoluene	10	10.4	ppbv	104			70 (70)	130 (130)	
	1,3,5-Trimethylbenzene	10	10.7	ppbv	107			70 (70)	130 (130)	
	1,2,4-Trimethylbenzene	10	10.4	ppbv	104			70 (70)	130 (130)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3555 Analytical Method: SWTO-15
Client: RTP Environmental Datafile : VL043157.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VL1106ABS01	1,3-Dichlorobenzene	10	10.9	ppbv	109			70 (70)	130 (130)	
	1,4-Dichlorobenzene	10	10.8	ppbv	108			70 (70)	130 (130)	
	1,2-Dichlorobenzene	10	10.7	ppbv	107			70 (70)	130 (130)	
	1,2,4-Trichlorobenzene	10	10.8	ppbv	108			70 (70)	130 (130)	
	Hexachloro-1,3-butadiene	10	10.4	ppbv	104			70 (70)	130 (130)	
	Naphthalene	10	10.1	ppbv	101			40 (70)	160 (130)	
	1,3-Butadiene	10	8.80	ppbv	88			70 (70)	130 (130)	
	4-Ethyltoluene	10	10.7	ppbv	107			70 (70)	130 (130)	
	Hexane	10	9.40	ppbv	94			70 (70)	130 (130)	
	Allyl Chloride	10	9.20	ppbv	92			70 (70)	130 (130)	
	1,4-Dioxane	10	9.40	ppbv	94			40 (70)	160 (130)	
	Methyl methacrylate	10	9.80	ppbv	98			70 (70)	130 (130)	

() = LABORATORY INHOUSE LIMIT

Duplicate Sample Summary

Lab Sample Id :	Q3555-02DUP	Q3555-02
Client Id :	151-IA-2DUP	151-IA-2
DF :	1	1
Datafile :	VL043159.D	VL043158.D
Anal Date & Time :	11/06/2025 10:17	11/06/2025 09:42

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0	0	0
1,1,2,2-Tetrachloroethane	0	0	0
1,1,2-Trichloroethane	0	0	0
1,1,2-Trichlorotrifluoroethane	0	0	0
1,1-Dichloroethane	0	0	0
1,1-Dichloroethene	0	0	0
1,2,4-Trichlorobenzene	0	0	0
1,2,4-Trimethylbenzene	0	0	0
1,2-Dibromoethane	0	0	0
1,2-Dichlorobenzene	0	0	0
1,2-Dichloroethane	0.22	0.22	0
1,2-Dichloropropane	0	0	0
1,3,5-Trimethylbenzene	0	0	0
1,3-Butadiene	0	0	0
1,3-Dichlorobenzene	0	0	0
1,4-Dichlorobenzene	0	0	0
1,4-Dioxane	0	0	0
2,2,4-Trimethylpentane	0	0	0
2-Butanone	0.27	0.31	13.8
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0	0	0
4-Methyl-2-Pentanone	0	0	0
Acetone	6.1	6.3	3.2
Allyl Chloride	0	0	0
Benzene	0.19	0.2	5.1
Bromodichloromethane	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0	0	0
Carbon Tetrachloride	0.08	0.08	0

Duplicate Sample Summary

Lab Sample Id :	Q3555-02DUP	Q3555-02
Client Id :	151-IA-2DUP	151-IA-2
DF :	1	1
Datafile :	VL043159.D	VL043158.D
Anal Date & Time :	11/06/2025 10:17	11/06/2025 09:42

Parameter	Result	Result	RPD
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	0.61	0.62	1.6
Chloromethane	0.39	0.43	9.8
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	0	0	0
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.45	0.51	12.5
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	0	0	0
Heptane	0	0	0
Hexachloro-1,3-Butadiene	0	0	0
Hexane	0.99	1	1
m/p-Xylene	0	0	0
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	0.51	0.59	14.5
Naphthalene	0	0	0
o-Xylene	0	0	0
Styrene	0	0	0
t-1,3-Dichloropropene	0	0	0
tert-Butyl alcohol	0	0	0
Tetrachloroethene	0	0	0
Tetrahydrofuran	0	0	0
Toluene	0.52	0.52	0
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0	0
Trichlorofluoromethane	0.33	0.31	6.3
Vinyl Chloride	0	0	0

VOLATILE METHOD BLANK SUMMARY

Client ID

VL1106ABL01

Lab Name: Alliance

Contract: RTPE01

Lab Code: ACE

SDG NO.: Q3555

Lab File ID: VL043156.D

Lab Sample ID: VL1106ABL01

Date Analyzed: 11/06/2025

Time Analyzed: 08:02

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VL1106ABS01	VL1106ABS01	VL043157.D	11/06/2025
151-IA-2	Q3555-02	VL043158.D	11/06/2025
151-IA-2DUP	Q3555-02DUP	VL043159.D	11/06/2025
151-IA-1	Q3555-01	VL043160.D	11/06/2025
151-SG-2DL	Q3555-04DL	VL043166.D	11/06/2025
151-SG-1DL	Q3555-03DL	VL043167.D	11/06/2025
151-SG-2	Q3555-04	VL043173.D	11/06/2025
151-SG-1	Q3555-03	VL043174.D	11/06/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VL043103.D
Instrument ID: MSVOA_L
GC Column: RTX-1 ID: 0.32 (mm)

Contract: RTPE01
SDG NO.: Q3555
BFB Injection Date: 10/14/2025
BFB Injection Time: 08:42
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	21.9
75	30.0 - 66.0% of mass 95	53.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	61.7
175	4.0 - 9.0% of mass 174	4.8 (7.8) 1
176	93.0 - 101.0% of mass 174	59.6 (96.5) 1
177	5.0 - 9.0% of mass 176	3.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICCC010	VSTDICCC010	VL043105.D	10/14/2025	10:31
VSTDICCC002	VSTDICCC002	VL043106.D	10/14/2025	11:27
VSTDICCC001	VSTDICCC001	VL043107.D	10/14/2025	12:01
VSTDICCC0.5	VSTDICCC0.5	VL043108.D	10/14/2025	12:34
VSTDICCC0.1	VSTDICCC0.1	VL043109.D	10/14/2025	13:08
VSTDICCC0.03	VSTDICCC0.03	VL043110.D	10/14/2025	13:42
VSTDICCC015	VSTDICCC015	VL043111.D	10/14/2025	14:18

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: RTPE01

Lab Code: ACE

SDG NO.: Q3555

Lab File ID: VL043154.D

BFB Injection Date: 11/06/2025

Instrument ID: MSVOA_L

BFB Injection Time: 06:24

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	22.9
75	30.0 - 66.0% of mass 95	58
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 120.0% of mass 95	62.8
175	4.0 - 9.0% of mass 174	4.9 (7.7) 1
176	93.0 - 101.0% of mass 174	61.8 (98.5) 1
177	5.0 - 9.0% of mass 176	4.3 (7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC010	VSTDCCC010	VL043155.D	11/06/2025	07:19
VL1106ABL01	VL1106ABL01	VL043156.D	11/06/2025	08:02
VL1106ABS01	VL1106ABS01	VL043157.D	11/06/2025	08:45
151-IA-2	Q3555-02	VL043158.D	11/06/2025	09:42
151-IA-2DUP	Q3555-02DUP	VL043159.D	11/06/2025	10:17
151-IA-1	Q3555-01	VL043160.D	11/06/2025	10:51
151-SG-2DL	Q3555-04DL	VL043166.D	11/06/2025	14:22
151-SG-1DL	Q3555-03DL	VL043167.D	11/06/2025	14:54
151-SG-2	Q3555-04	VL043173.D	11/06/2025	18:23
151-SG-1	Q3555-03	VL043174.D	11/06/2025	18:57

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: RTPE01
Lab Code: ACE SDG NO.: Q3555
Lab File ID: VL043155.D Date Analyzed: 11/06/2025
Instrument ID: MSVOA_L Time Analyzed: 07:19
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	111679	2.79	341877	3.96	299829	8.89
UPPER LIMIT	156351	3.12	478628	4.29	419761	9.22
LOWER LIMIT	67007.4	2.46	205126	3.63	179897	8.56
EPA SAMPLE NO.						
151-IA-1	115856	2.79	347710	3.96	297659	8.88
151-IA-2	116276	2.79	360094	3.96	301802	8.89
151-IA-2DUP	118024	2.79	354784	3.96	303947	8.88
151-SG-1	125587	2.79	343141	3.96	286902	8.88
151-SG-1DL	109979	2.79	312659	3.96	255972	8.88
151-SG-2	116388	2.78	320264	3.95	276449	8.87
151-SG-2DL	112780	2.79	323131	3.96	266609	8.88
VL1106ABL01	111463	2.79	342563	3.96	292913	8.88
VL1106ABS01	111380	2.79	340583	3.96	299526	8.88

IS1 = Bromochloromethane
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area
AREA LOWER LIMIT = -40% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.



QC SAMPLE DATA

A

B

C

D

E

F

G

H

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: VL1106ABL01
Lab Sample ID: VL1106ABL01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.11	0.54	U	1	0.54	2.47	11/06/25 08:02	VL110625
74-87-3	Chloromethane	0.10	0.21	U	1	0.21	1.03	11/06/25 08:02	VL110625
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	11/06/25 08:02	VL110625
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	11/06/25 08:02	VL110625
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	11/06/25 08:02	VL110625
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	11/06/25 08:02	VL110625
75-69-4	Trichlorofluoromethane	0.17	0.96	U	1	0.96	2.81	11/06/25 08:02	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	11/06/25 08:02	VL110625
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	11/06/25 08:02	VL110625
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	11/06/25 08:02	VL110625
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	11/06/25 08:02	VL110625
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	11/06/25 08:02	VL110625
67-64-1	Acetone	0.18	0.43	U	1	0.43	1.19	11/06/25 08:02	VL110625
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	11/06/25 08:02	VL110625
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	11/06/25 08:02	VL110625
75-09-2	Methylene Chloride	0.23	0.80	U	1	0.80	1.74	11/06/25 08:02	VL110625
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	11/06/25 08:02	VL110625
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	11/06/25 08:02	VL110625
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	11/06/25 08:02	VL110625
78-93-3	2-Butanone	0.060	0.18	U	1	0.18	1.47	11/06/25 08:02	VL110625
56-23-5	Carbon Tetrachloride	0.030	0.19	U	1	0.19	0.19	11/06/25 08:02	VL110625
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	11/06/25 08:02	VL110625
67-66-3	Chloroform	0.10	0.49	U	1	0.49	2.44	11/06/25 08:02	VL110625
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	11/06/25 08:02	VL110625
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	11/06/25 08:02	VL110625
71-43-2	Benzene	0.080	0.26	U	1	0.26	1.60	11/06/25 08:02	VL110625
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	11/06/25 08:02	VL110625
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	11/06/25 08:02	VL110625
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	11/06/25 08:02	VL110625
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	11/06/25 08:02	VL110625
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	11/06/25 08:02	VL110625
108-88-3	Toluene	0.16	0.60	U	1	0.60	1.88	11/06/25 08:02	VL110625
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	11/06/25 08:02	VL110625
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	11/06/25 08:02	VL110625
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	11/06/25 08:02	VL110625
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	11/06/25 08:02	VL110625
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	11/06/25 08:02	VL110625
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	11/06/25 08:02	VL110625
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	11/06/25 08:02	VL110625
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	11/06/25 08:02	VL110625
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	11/06/25 08:02	VL110625
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	11/06/25 08:02	VL110625
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	11/06/25 08:02	VL110625
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	11/06/25 08:02	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	11/06/25 08:02	VL110625
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	11/06/25 08:02	VL110625

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: VL1106ABL01
Lab Sample ID: VL1106ABL01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	11/06/25 08:02	VL110625
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	11/06/25 08:02	VL110625
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	11/06/25 08:02	VL110625
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/06/25 08:02	VL110625
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/06/25 08:02	VL110625
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	11/06/25 08:02	VL110625
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	11/06/25 08:02	VL110625
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	11/06/25 08:02	VL110625
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	11/06/25 08:02	VL110625
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	11/06/25 08:02	VL110625
110-54-3	Hexane	0.16	0.56	U	1	0.56	1.76	11/06/25 08:02	VL110625
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	11/06/25 08:02	VL110625
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	11/06/25 08:02	VL110625
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	11/06/25 08:02	VL110625

SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 9.80 70 (65) - 130 98% SPK: 10

INTERNAL STANDARDS

Area Count
74-97-5 Bromochloromethane 111000
540-36-3 1,4-Difluorobenzene 343000
3114-55-4 Chlorobenzene-d5 293000

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: VL1106ABS01
Lab Sample ID: VL1106ABS01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	10.8	53.4		1	0.54	2.47	11/06/25 08:45	VL110625
74-87-3	Chloromethane	9.10	18.8		1	0.21	1.03	11/06/25 08:45	VL110625
75-01-4	Vinyl Chloride	9.10	23.3		1	0.080	0.080	11/06/25 08:45	VL110625
74-83-9	Bromomethane	10.2	39.6		1	0.31	1.94	11/06/25 08:45	VL110625
75-00-3	Chloroethane	9.30	24.5		1	0.40	1.32	11/06/25 08:45	VL110625
109-99-9	Tetrahydrofuran	9.30	27.4		1	0.24	1.47	11/06/25 08:45	VL110625
75-69-4	Trichlorofluoromethane	11.7	65.8		1	0.96	2.81	11/06/25 08:45	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	11.2	85.8		1	1.07	3.83	11/06/25 08:45	VL110625
76-14-2	Dichlorotetrafluoroethane	10.7	74.8		1	1.05	3.49	11/06/25 08:45	VL110625
75-65-0	tert-Butyl alcohol	9.90	30.0		1	0.49	1.52	11/06/25 08:45	VL110625
142-82-5	Heptane	8.70	35.6		1	0.70	2.05	11/06/25 08:45	VL110625
75-35-4	1,1-Dichloroethene	11.0	43.6		1	0.59	1.98	11/06/25 08:45	VL110625
67-64-1	Acetone	8.90	21.1		1	0.43	1.19	11/06/25 08:45	VL110625
75-15-0	Carbon Disulfide	10.7	33.3		1	0.25	1.56	11/06/25 08:45	VL110625
1634-04-4	Methyl tert-Butyl Ether	9.80	35.3		1	0.83	1.80	11/06/25 08:45	VL110625
75-09-2	Methylene Chloride	9.10	31.6		1	0.80	1.74	11/06/25 08:45	VL110625
156-60-5	trans-1,2-Dichloroethene	10.7	42.4		1	0.48	1.98	11/06/25 08:45	VL110625
75-34-3	1,1-Dichloroethane	10.5	42.5		1	0.53	2.02	11/06/25 08:45	VL110625
110-82-7	Cyclohexane	9.30	32.0		1	0.76	1.72	11/06/25 08:45	VL110625
78-93-3	2-Butanone	10.4	30.7		1	0.18	1.47	11/06/25 08:45	VL110625
56-23-5	Carbon Tetrachloride	11.8	74.2		1	0.19	0.19	11/06/25 08:45	VL110625
156-59-2	cis-1,2-Dichloroethene	10.5	41.6		1	0.40	1.98	11/06/25 08:45	VL110625
67-66-3	Chloroform	11.0	53.7		1	0.49	2.44	11/06/25 08:45	VL110625
71-55-6	1,1,1-Trichloroethane	10.7	58.4		1	0.11	0.16	11/06/25 08:45	VL110625
540-84-1	2,2,4-Trimethylpentane	9.80	45.8		1	0.65	2.34	11/06/25 08:45	VL110625
71-43-2	Benzene	10.2	32.6		1	0.26	1.60	11/06/25 08:45	VL110625
107-06-2	1,2-Dichloroethane	11.3	45.7		1	0.36	2.02	11/06/25 08:45	VL110625
79-01-6	Trichloroethene	9.60	51.6		1	0.11	0.16	11/06/25 08:45	VL110625
78-87-5	1,2-Dichloropropane	10.0	46.2		1	0.60	2.31	11/06/25 08:45	VL110625
75-27-4	Bromodichloromethane	11.4	76.4		1	0.40	3.35	11/06/25 08:45	VL110625
108-10-1	4-Methyl-2-Pentanone	9.40	38.5		1	0.41	2.05	11/06/25 08:45	VL110625
108-88-3	Toluene	9.70	36.5		1	0.60	1.88	11/06/25 08:45	VL110625
10061-02-6	t-1,3-Dichloropropene	10.1	45.9		1	0.68	2.27	11/06/25 08:45	VL110625
10061-01-5	cis-1,3-Dichloropropene	10.0	45.4		1	0.50	2.27	11/06/25 08:45	VL110625
79-00-5	1,1,2-Trichloroethane	10.3	56.2		1	0.44	2.73	11/06/25 08:45	VL110625
124-48-1	Dibromochloromethane	11.1	94.6		1	0.77	4.26	11/06/25 08:45	VL110625
106-93-4	1,2-Dibromoethane	10.3	79.2		1	0.69	0.77	11/06/25 08:45	VL110625
127-18-4	Tetrachloroethene	10.3	69.8		1	0.14	0.20	11/06/25 08:45	VL110625
108-90-7	Chlorobenzene	10.2	47.0		1	0.37	2.30	11/06/25 08:45	VL110625
100-41-4	Ethyl Benzene	10.3	44.7		1	0.83	2.17	11/06/25 08:45	VL110625
179601-23-1	m/p-Xylene	20.9	90.8		1	1.78	4.34	11/06/25 08:45	VL110625
95-47-6	o-Xylene	10.4	45.2		1	0.91	2.17	11/06/25 08:45	VL110625
100-42-5	Styrene	9.80	41.7		1	0.68	2.13	11/06/25 08:45	VL110625
75-25-2	Bromoform	11.6	120		1	0.52	5.17	11/06/25 08:45	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	9.90	68.0		1	0.14	0.21	11/06/25 08:45	VL110625
95-49-8	2-Chlorotoluene	10.4	53.9		1	0.88	2.59	11/06/25 08:45	VL110625

Report of Analysis

Client:	RTP Environmental	Date Collected:	
Project:	151 JUNIPER DRIVE	Date Received:	
Client Sample ID:	VL1106ABS01	SDG No.:	Q3555
Lab Sample ID:	VL1106ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 mL		

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	10.7	52.6		1	0.88	2.46	11/06/25 08:45	VL110625
95-63-6	1,2,4-Trimethylbenzene	10.4	51.1		1	0.88	2.46	11/06/25 08:45	VL110625
541-73-1	1,3-Dichlorobenzene	10.9	65.5		1	0.30	3.01	11/06/25 08:45	VL110625
106-46-7	1,4-Dichlorobenzene	10.8	64.9		1	0.78	3.01	11/06/25 08:45	VL110625
95-50-1	1,2-Dichlorobenzene	10.7	64.3		1	0.78	3.01	11/06/25 08:45	VL110625
120-82-1	1,2,4-Trichlorobenzene	10.8	80.2		1	1.56	3.71	11/06/25 08:45	VL110625
87-68-3	Hexachloro-1,3-Butadiene	10.4	111		1	1.39	5.33	11/06/25 08:45	VL110625
106-99-0	1,3-Butadiene	8.80	19.5		1	0.11	1.11	11/06/25 08:45	VL110625
91-20-3	Naphthalene	10.1	53.0		1	0.050	0.52	11/06/25 08:45	VL110625
622-96-8	4-Ethyltoluene	10.7	52.6		1	1.03	2.46	11/06/25 08:45	VL110625
110-54-3	Hexane	9.40	33.1		1	0.56	1.76	11/06/25 08:45	VL110625
107-05-1	Allyl Chloride	9.20	28.8		1	0.34	1.57	11/06/25 08:45	VL110625
123-91-1	1,4-Dioxane	9.40	33.9		1	0.79	1.80	11/06/25 08:45	VL110625
80-62-6	Methyl Methacrylate	9.80	40.1		1	0.57	2.05	11/06/25 08:45	VL110625

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.2		70 (65) - 130	102%	SPK: 10
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INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	111000
540-36-3	1,4-Difluorobenzene	341000
3114-55-4	Chlorobenzene-d5	300000

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-IA-2DUP
Lab Sample ID: Q3555-02DUP
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.45	2.23	J	1	0.54	2.47	11/06/25 10:17	VL110625
74-87-3	Chloromethane	0.39	0.81	J	1	0.21	1.03	11/06/25 10:17	VL110625
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	11/06/25 10:17	VL110625
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	11/06/25 10:17	VL110625
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	11/06/25 10:17	VL110625
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	11/06/25 10:17	VL110625
75-69-4	Trichlorofluoromethane	0.33	1.85	J	1	0.96	2.81	11/06/25 10:17	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	11/06/25 10:17	VL110625
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	11/06/25 10:17	VL110625
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	11/06/25 10:17	VL110625
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	11/06/25 10:17	VL110625
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	11/06/25 10:17	VL110625
67-64-1	Acetone	6.10	14.5		1	0.43	1.19	11/06/25 10:17	VL110625
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	11/06/25 10:17	VL110625
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	11/06/25 10:17	VL110625
75-09-2	Methylene Chloride	0.51	1.77		1	0.80	1.74	11/06/25 10:17	VL110625
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	11/06/25 10:17	VL110625
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	11/06/25 10:17	VL110625
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	11/06/25 10:17	VL110625
78-93-3	2-Butanone	0.27	0.80	J	1	0.18	1.47	11/06/25 10:17	VL110625
56-23-5	Carbon Tetrachloride	0.080	0.50		1	0.19	0.19	11/06/25 10:17	VL110625
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	11/06/25 10:17	VL110625
67-66-3	Chloroform	0.61	2.98		1	0.49	2.44	11/06/25 10:17	VL110625
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	11/06/25 10:17	VL110625
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	11/06/25 10:17	VL110625
71-43-2	Benzene	0.19	0.61	J	1	0.26	1.60	11/06/25 10:17	VL110625
107-06-2	1,2-Dichloroethane	0.22	0.89	J	1	0.36	2.02	11/06/25 10:17	VL110625
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	11/06/25 10:17	VL110625
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	11/06/25 10:17	VL110625
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	11/06/25 10:17	VL110625
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	11/06/25 10:17	VL110625
108-88-3	Toluene	0.52	1.96		1	0.60	1.88	11/06/25 10:17	VL110625
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	11/06/25 10:17	VL110625
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	11/06/25 10:17	VL110625
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	11/06/25 10:17	VL110625
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	11/06/25 10:17	VL110625
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	11/06/25 10:17	VL110625
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	11/06/25 10:17	VL110625
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	11/06/25 10:17	VL110625
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	11/06/25 10:17	VL110625
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	11/06/25 10:17	VL110625
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	11/06/25 10:17	VL110625
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	11/06/25 10:17	VL110625
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	11/06/25 10:17	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	11/06/25 10:17	VL110625
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	11/06/25 10:17	VL110625

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: 151-IA-2DUP
Lab Sample ID: Q3555-02DUP
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3555
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	11/06/25 10:17	VL110625
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	11/06/25 10:17	VL110625
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	11/06/25 10:17	VL110625
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/06/25 10:17	VL110625
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/06/25 10:17	VL110625
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	11/06/25 10:17	VL110625
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	11/06/25 10:17	VL110625
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	11/06/25 10:17	VL110625
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	11/06/25 10:17	VL110625
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	11/06/25 10:17	VL110625
110-54-3	Hexane	0.99	3.49		1	0.56	1.76	11/06/25 10:17	VL110625
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	11/06/25 10:17	VL110625
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	11/06/25 10:17	VL110625
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	11/06/25 10:17	VL110625

SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 10.1 70 (65) - 130 101% SPK: 10

INTERNAL STANDARDS

	Area Count
74-97-5 Bromochloromethane	118000
540-36-3 1,4-Difluorobenzene	355000
3114-55-4 Chlorobenzene-d5	304000

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements



CALIBRATION SUMMARY

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\

Method File : VL101425AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

Last Update : Wed Oct 15 02:12:58 2025

Response Via : Initial Calibration

Calibration Files

0.03=VL043110.D 0.1 =VL043109.D 0.5 =VL043108.D 1 =VL043107.D 2 =VL043106.D 10 =VL043105.D 15 =VL043111.D

Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD

1) I Bromochloromethane	-----ISTD-----								
2) T Dichlorodifluo...			1.545	1.527	1.481	1.278	1.278	1.422	9.38
3) Chlorodifluoro...			1.672	1.632	1.577	1.451	1.359	1.538	8.46
4) Chloromethane			0.640	0.621	0.579	0.500	0.477	0.563	12.89
5) T Vinyl Chloride	0.723	0.554	0.562	0.557	0.528	0.481	0.462	0.552	15.33
6) T Bromomethane			0.336	0.338	0.317	0.260	0.263	0.303	12.78
7) Chloroethane			0.261	0.256	0.238	0.192	0.183	0.226	16.03
8) T Dichlorotetra...			1.175	1.265	1.230	1.040	1.036	1.149	9.26
9) T Propene			0.738	0.713	0.721	0.655	0.585	0.682	9.20
10) T Heptane			2.184	2.151	2.032	1.803	1.650	1.964	11.73
11) T Trichlorofluor...			1.510	1.459	1.477	1.242	1.265	1.391	9.11
12) T 1,1,2-Trichlor...			1.215	1.220	1.191	0.976	0.996	1.120	10.97
13) Ethanol			0.289	0.307	0.302	0.193	0.171	0.252	25.86
14) T Bromoethene			0.481	0.434	0.431	0.371	0.362	0.416	11.84
15) T Acetone			1.561	1.522	1.508	1.091	1.058	1.348	18.60
16) T 1,3-Butadiene			0.780	0.700	0.649	0.552	0.531	0.642	16.07
17) tert-Butyl alc...			2.010	2.047	1.934	1.689	1.571	1.850	11.31
18) T 1,1-Dichloroet...			0.519	0.539	0.512	0.437	0.434	0.488	10.07
19) T Isopropyl Alcohol			0.971	0.958	0.870	0.725	0.674	0.839	16.03
20) T Methylene Chlo...			0.738	0.612	0.508	0.406	0.400	0.533	26.98
21) T Allyl Chloride			1.097	1.049	1.040	0.910	0.869	0.993	9.86
22) T trans-1,2-Dich...			0.609	0.696	0.594	0.511	0.508	0.583	13.38
23) T Vinyl Acetate			2.148	1.904	2.292	1.623	1.905	1.974	13.03
24) T 1,1-Dichloroet...			1.169	1.237	1.190	1.031	1.009	1.127	8.99
25) T Ethyl Acetate			3.526	3.626	3.558	3.132	2.871	3.342	9.77
26) T Hexane			1.753	1.677	1.548	1.406	1.318	1.540	11.77
27) T Carbon Disulfide			1.423	1.540	1.505	1.315	1.272	1.411	8.26
28) T Methyl tert-Bu...			0.742	0.767	0.769	0.587	0.638	0.701	11.86
29) T Chloroform			2.437	2.397	2.296	2.030	1.997	2.232	9.22
30) T Cyclohexane			1.493	1.448	1.390	1.214	1.176	1.344	10.53
31) T cis-1,2-Dichlo...			1.491	1.594	1.516	1.405	1.348	1.471	6.55
32) T 1,1,1-Trichlor...	2.165	2.605	2.407	2.439	2.424	2.136	2.092	2.324	8.31

33) I 1,4-Difluorobenzene	-----ISTD-----								
34) T 2-Butanone			0.753	0.708	0.707	0.606	0.587	0.672	10.68
35) T Carbon Tetrach...	0.752	0.761	0.710	0.743	0.745	0.649	0.674	0.719	5.96
36) T Benzene			0.974	0.980	1.023	0.871	0.862	0.942	7.60
37) T 1,2-Dichloroet...			0.589	0.571	0.565	0.485	0.502	0.543	8.49
38) T Trichloroethene	0.460	0.421	0.401	0.402	0.398	0.342	0.330	0.393	11.38
39) T 1,2-Dichloropr...			0.359	0.370	0.371	0.317	0.305	0.344	8.99

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\										
Method File : VL101425AIR.M										
40) T	1,4-Dioxane			0.166	0.166	0.162	0.141	0.135	0.154	9.56
41) T	Tetrahydrofuran			0.427	0.394	0.384	0.343	0.332	0.376	10.32
42) T	Bromodichlorom...			0.779	0.775	0.791	0.697	0.713	0.751	5.68
43) T	Methyl Methacr...			0.500	0.511	0.493	0.450	0.437	0.478	6.85
44) T	2,2,4-Trimethy...			1.695	1.706	1.683	1.460	1.401	1.589	9.22
45) T	t-1,3-Dichloro...			0.478	0.502	0.506	0.462	0.453	0.480	4.94
46) T	cis-1,3-Dichlo...			0.593	0.590	0.603	0.546	0.535	0.573	5.34
47) T	1,1,2-Trichlor...			0.416	0.383	0.384	0.338	0.338	0.372	9.07
48) T	Dibromochlorom...			0.619	0.650	0.667	0.589	0.582	0.622	5.96
49) T	Bromoform			0.503	0.515	0.544	0.487	0.478	0.505	5.14
50) T	4-Methyl-2-Pen...			0.969	0.989	0.974	0.873	0.833	0.928	7.55
51) T	2-Hexanone			0.683	0.708	0.738	0.692	0.658	0.696	4.31
52) T	Tetrachloroethene	0.354	0.345	0.349	0.366	0.353	0.312	0.298	0.340	7.27
53) T	Toluene			1.212	1.162	1.176	1.036	1.003	1.118	8.28
54) T	1,2-Dibromoethane			0.662	0.570	0.586	0.617	0.533	0.582	8.84
-----ISTD-----										
55) I	Chlorobenzene-d5									
56) T	1,1,1,2-Tetrac...			0.662	0.664	0.665	0.590	0.570	0.630	7.32
57) T	Chlorobenzene			1.010	1.009	1.000	0.849	0.810	0.936	10.47
58) T	Ethyl Benzene			1.801	1.815	1.824	1.599	1.543	1.716	7.84
59) T	m/p-Xylene			1.463	1.457	1.476	1.238	1.210	1.369	9.71
60) T	o-Xylene			1.433	1.471	1.454	1.224	1.177	1.352	10.34
61) T	Styrene			0.597	0.649	0.664	0.578	0.564	0.610	7.17
62) T	Isopropylbenzene			2.564	2.671	2.616	2.241	2.123	2.443	10.02
63) T	1,1,2,2-Tetrac...	1.029	1.019	0.900	0.924	0.933	0.777	0.755	0.905	11.78
64) T	n-propylbenzene			0.688	0.710	0.696	0.589	0.551	0.647	11.10
65) T	tert-Butylbenzene			2.342	2.383	2.364	1.901	1.796	2.157	13.20
66) T	Benzyl Chloride			0.229	0.259	0.250	0.241	0.221	0.240	6.35
67) T	sec-Butylbenzene			3.313	3.378	3.357	2.697	2.565	3.062	12.96
68) S	1-Bromo-4-Fluo...	0.765	0.780	0.768	0.770	0.779	0.781	0.798	0.777	1.44
69) T	p-Isopropyltol...			2.726	2.896	2.871	2.330	2.186	2.602	12.47
70) T	n-Butylbenzene			2.611	2.820	2.849	2.321	2.218	2.564	11.16
71) T	2-Chlorotoluene			1.959	1.997	2.018	1.698	1.645	1.863	9.53
72) T	4-Ethyltoluene			1.741	1.761	1.805	1.530	1.475	1.662	8.97
73) T	1,3,5-Trimethy...			1.434	1.466	1.477	1.261	1.217	1.371	8.95
74) T	1,2,4-Trimethy...			1.691	1.706	1.664	1.331	1.278	1.534	13.75
75) T	1,3-Dichlorobe...			0.903	0.956	1.000	0.818	0.773	0.890	10.57
76) T	1,4-Dichlorobe...			0.957	0.957	0.971	0.823	0.779	0.897	9.96
77) T	1,2-Dichlorobe...			0.944	0.954	0.914	0.766	0.727	0.861	12.40
78) T	Hexachloro-1,3...			0.751	0.764	0.746	0.555	0.516	0.667	18.08
79) T	Naphthalene	1.265		1.532	1.766	1.971	1.580	1.507	1.604	15.04
80) T	Naphthalene,2-...			0.255	0.355	0.515	0.478	0.485	0.418	26.20
81) T	1,2,4-Trichlor...			0.553	0.726	0.803	0.638	0.608	0.666	14.90

(#) = Out of Range

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>RTPE01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3555</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>11/06/2025 07:19</u>
Lab File ID:	<u>VL043155.D</u>	Init. Calib. Date(s):	<u>10/14/2025 10/14/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>10:31 14:18</u>
GC Column:	<u>RTX-1</u>	ID:	<u>0.32</u> (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.422	1.540		8.3	30
Chloromethane	0.563	0.511		-9.24	30
Vinyl Chloride	0.552	0.514		-6.88	30
Bromomethane	0.303	0.317		4.62	30
Chloroethane	0.226	0.206		-8.85	30
Tetrahydrofuran	0.376	0.348		-7.45	30
Trichlorofluoromethane	1.391	1.658		19.19	30
1,1,2-Trichlorotrifluoroethane	1.120	1.290		15.18	30
Dichlorotetrafluoroethane	1.149	1.236		7.57	30
tert-Butyl alcohol	1.850	1.830		-1.08	30
Heptane	1.964	1.685		-14.21	30
1,1-Dichloroethene	0.488	0.538		10.25	30
Acetone	1.348	1.223		-9.27	30
Carbon Disulfide	1.411	1.508		6.88	30
Methyl tert-Butyl Ether	0.701	0.712		1.57	30
Methylene Chloride	0.533	0.467		-12.38	30
trans-1,2-Dichloroethene	0.583	0.623		6.86	30
1,1-Dichloroethane	1.127	1.188		5.41	30
Cyclohexane	1.344	1.256		-6.55	30
2-Butanone	0.672	0.688		2.38	30
Carbon Tetrachloride	0.719	0.852		18.5	30
cis-1,2-Dichloroethene	1.471	1.509		2.58	30
Chloroform	2.232	2.437		9.19	30
1,1,1-Trichloroethane	2.324	2.520		8.43	30
2,2,4-Trimethylpentane	1.589	1.566		-1.45	30
Benzene	0.942	0.956		1.49	30
1,2-Dichloroethane	0.543	0.624		14.92	30
Trichloroethene	0.393	0.379		-3.56	30
1,2-Dichloropropane	0.344	0.343		-0.29	30
Bromodichloromethane	0.751	0.853		13.58	30
4-Methyl-2-Pentanone	0.928	0.866		-6.68	30
Toluene	1.118	1.096		-1.97	30
t-1,3-Dichloropropene	0.480	0.492		2.5	30
cis-1,3-Dichloropropene	0.573	0.578		0.87	30
1,1,2-Trichloroethane	0.372	0.382		2.69	30
Dibromochloromethane	0.622	0.699		12.38	30
1,2-Dibromoethane	0.582	0.602		3.44	30
Tetrachloroethene	0.340	0.353		3.82	30

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>RTPE01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3555</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>11/06/2025</u> <u>07:19</u>
Lab File ID:	<u>VL043155.D</u>	Init. Calib. Date(s):	<u>10/14/2025</u> <u>10/14/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>10:31</u> <u>14:18</u>
GC Column:	<u>RTX-1</u>	ID:	<u>0.32</u> (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	0.936	0.957		2.24	30
Ethyl Benzene	1.716	1.761		2.62	30
m/p-Xylene	1.369	1.442		5.33	30
o-Xylene	1.352	1.428		5.62	30
Styrene	0.610	0.601		-1.48	30
Bromoform	0.505	0.603		19.41	30
1,1,2,2-Tetrachloroethane	0.905	0.913		0.88	30
2-Chlorotoluene	1.863	1.949		4.62	30
1,3,5-Trimethylbenzene	1.371	1.463		6.71	30
1,2,4-Trimethylbenzene	1.534	1.599		4.24	30
1,3-Dichlorobenzene	0.890	0.974		9.44	30
1,4-Dichlorobenzene	0.897	0.976		8.81	30
1,2-Dichlorobenzene	0.861	0.919		6.74	30
1,2,4-Trichlorobenzene	0.666	0.715		7.36	30
Hexachloro-1,3-Butadiene	0.667	0.694		4.05	30
1,3-Butadiene	0.642	0.564		-12.15	30
Naphthalene	1.604	1.622		1.12	30
4-Ethyltoluene	1.662	1.778		6.98	30
1-Bromo-4-Fluorobenzene	0.777	0.822		5.79	30
Hexane	1.540	1.464		-4.93	30
Allyl Chloride	0.993	0.925		-6.85	30
1,4-Dioxane	154.080	147.512		-4.26	30
Methyl Methacrylate	0.478	0.460		-3.77	30

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



SHIPPING DOCUMENTS

Client Contact Information				Bottle Order ID : B2510050				Courier :				1 of 4 COCs																					
Client ID : RTPE01				Project ID : At 151 Juniper Drive				Sampler Name(s) :				Analysis																					
Customer Name : RTP Environmental Address : 239 US Highway 22 East				Project Manager : David gabel				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Matrix</td> </tr> <tr> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> </tr> </table>				Matrix																	
				Matrix																													
Phone Number : 732-968-9600																																	
Fax Number :																																	
Site Details:																																	
City : Green Brook				Analysis Turnaround Time																													
State : NJ																																	
Zip Code : 08812				Standard : 10 business days OR				Data Package Type : Regulatory																									
Country :				Rush (Specify): Days				EDD Type : Haz/Exce w/Conversion																									
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas																
151-JA-1	11/4/25 to 11/5/25	8:04	8:04	-30	-5	70		-30	-5.9	10203	10153	6 L	4.16	VL042942.D	X	X																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4">Temperature (Fahrenheit)</th> </tr> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>										Temperature (Fahrenheit)					Ambient	Maximum	Minimum	Start				Stop				GC/MS Analyst Signature (TO-15) 							
Temperature (Fahrenheit)																																	
	Ambient	Maximum	Minimum																														
Start																																	
Stop																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4">Pressure (Inches of Hg)</th> </tr> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>										Pressure (Inches of Hg)					Ambient	Maximum	Minimum	Start				Stop				** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.							
Pressure (Inches of Hg)																																	
	Ambient	Maximum	Minimum																														
Start																																	
Stop																																	
Special Instructions/QC Requirements & Comments :																																	
Suspected Contamination: High Medium Low PID Readings:																																	
Sampling site (State):																																	
Quick Connector required : NO																																	
Canisters Shipped by: SW				Date/Time: 11/03/25				Canisters Received by: CV				Date/Time: 11/3/25 8:00																					
Samples Relinquished by: CV				Date/Time: 11-5-25				Received by: IT				Date/Time: 11-5-25 1700																					
Relinquished by:				Date/Time:				Received by:				Date/Time:																					

Client Contact Information				Bottle Order ID : B2510050				Courier :				2 of 4 COCs							
Client ID : RTPE01				Project ID : Atk PSI Juniper Drive				Sampler Name(s) :				Analysis							
Customer Name : RTP Environmental Address : 239 US Highway 22 East				Project Manager : David gabel				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Matrix</td> </tr> <tr> <td style="height: 100px;"></td> <td></td> </tr> </table>				Matrix			
				Matrix															
				Phone Number : 732-968-9600															
Fax Number :																			
City : Green Brook				Site Details:															
State : NJ				Analysis Turnaround Time															
Zip Code : 08812				Standard : 10 business days OR				Data Package Type : Regulatory											
Country :				Rush (Specify): Days				EDD Type : Hzr /Excel w/ conversion table in excel.											

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas
151-5A-2	11/14/25 to 11/15/25	8:02	302	-30	-5	70	70	-30	-2.2	10207	10492	6 L	4.16	VL042907.D	X	X	

Temperature (Fahrenheit)				
	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)				
	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15) [Signature]

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings:

Sampling site (State):

Quick Connector required : **NO**

Canisters Shipped by: Sam	Date/Time: 11/03/25	Canisters Received by: CW	Date/Time: 11/3/25 8:00
Samples Relinquished by: CW	Date/Time: 11-5-25 1700	Received by: ST	Date/Time: 11-5-25 1700
Relinquished by:	Date/Time:	Received by:	Date/Time:

Client Contact Information				Bottle Order ID : B2510050				Courier :				3 of 4 COCs									
Client ID : RTPE01				Project ID : AK 151 JUNIPER DRIVE				Sampler Name(s) :				Analysis									
Customer Name : RTP Environmental Address : 239 US Highway 22 East City : Green Brook State : NJ Zip Code : 08812 Country :				Project Manager : David gabel				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified				<table border="1" style="width:100%; height: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="2">Matrix</td> <td colspan="2" rowspan="2">Indoor/Ambient Air</td> <td colspan="2" rowspan="2">Soil Gas</td> </tr> <tr> </tr> </table>				Matrix		Indoor/Ambient Air		Soil Gas	
				Matrix		Indoor/Ambient Air															
				Phone Number : 732-968-9600																	
Fax Number :																					
Site Details:																					
Analysis Turnaround Time				Data Package Type :																	
Standard : 10 business days OR				EDD Type :																	
Rush (Specify): Days																					

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas
151-36-1	11/5/25	1242	1342	-30	-5	70	70	-30	-10.8	10244	10653	1.4 L 25	VL042989.D	X		X

Temperature (Fahrenheit)				GC/MS Analyst Signature (TO-15)
	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)				*** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.
	Ambient	Maximum	Minimum	
Start				
Stop				

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings:

Sampling site (State):

Quick Connector required : **yes**

Canisters Shipped by: Sam	Date/Time: 11/03/25	Canisters Received by:	Date/Time:
Samples Relinquished by:	Date/Time: 11-5-25 1700	Received by: JT	Date/Time: 11-5-25 1700
Relinquished by:	Date/Time:	Received by:	Date/Time:

Client Contact Information				Bottle Order ID : 82510050				Courier :				4 of 4 COCs			
Client ID : RTPE01				Project ID : Air				Sampler Name(s) :				Analysis			
Customer Name : RTP Environmental Address : 239 US Highway 22 East City : Green Brook State : NJ Zip Code : 08812 Country :				Project Manager : David gabel				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified				Indoor/Ambient Air Soil Gas			
				Phone Number : 732-968-9600											
				Fax Number :											
				Site Details:											
Analysis Turnaround Time				Data Package Type :											
Standard : 10 business days OR				EDD Type :											
Rush (Specify): Days															

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15					
151-56-2	11/5/25	12:41	1:34	-28	-4	70	70	-30	-10.8	10255	10423	1.4 L	25	VL042989.D	X					X

Temperature (Fahrenheit)					GC/MS Analyst Signature (TO-15)
	Ambient	Maximum	Minimum		
Start					
Stop					

Pressure (Inches of Hg)					** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.
	Ambient	Maximum	Minimum		
Start					
Stop					

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings:

Sampling site (State):

Quick Connector required : **Yes**

Canisters Shipped by: Scann	Date/Time: 11/03/25	Canisters Received by: H 5-25 16 JT	Date/Time: 11-5-25 1500
Samples Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

82510050 - 7

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Chemtech

Location: 284 Sheffield Street, Mountainside, NJ 7092

~~NAME~~

Title: Sample Custodian

Field Sample Seal No. Q3555

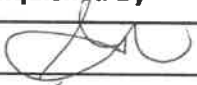
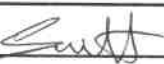
Date Broken: 11/5/2025

Military Time Seal Broken: 15:00:00

Case No.: 151 JUNIPER DRIVE

Analytical Parameter/Fraction TO-15

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
Q3555-01	151-IA-1		
Q3555-02	151-IA-2		
Q3555-03	151-SG-1		
Q3555-04	151-SG-2		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
11/6	1112	Signature 	Signature 	
		Printed Name G. W. L.	Printed Name G. W. L.	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	

Distribution: White - Original (Sent With Report)

Yellow - Contractor Archive

Pink - Sample Custodian - Interim Copy

CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

AIR SAMPLE PRESSURE & DILUTION LOGBOOK

Analyst Signature: [Signature] Supervisor Signature: [Signature]
METHOD: TO-15 Pressure Gauge ID: A2 55971

Date	Sample Number	Canister #	Initial Pressure psia	Initial Pressure Hg	Final Pressure psia	Final Pressure Hg	Dilution Factor	Comment
10/28/25	Q3320-07	10311	12.6	-4.3				sy
	Q3320-08	10588	12.0	-5.5				
	Q3320-09	10601	12.2	-5.1				
	Q3320-10	10604	12.2	5.1				
	Q3320-11	10607	12.2	5.1				
	Q3320-12	10333	12.2	-5.1				
	Q3320-13	10609	12.6	-4.3				↓
10/10/25	Q3320-02	10113	1.0		20		20x	sy
11/05/25	Q3555-01	10153	11.8	-5.9				sy
	Q3555-02	10492	13.6	-2.2				
	Q3555-03	10653	9.4	-10.8				
	Q3555-04	10423	9.4	-10.8				
	Q3556-01	10266	8.6	-12.4				
	Q3556-02	10283	12.0	-5.5				
	Q3556-03	10737	9.6	-10.4				
	Q3556-04	10752	9.6	-10.4				
	Q3557-01	10296	12.4	-4.7				
	Q3557-02	10300	12.6	-4.3				
	Q3557-03	10060	12.2	-5.1				
	Q3557-04	10674	10.6	-8.4				
	Q3557-05	10428	10.6	-9.6				↓

22
76491

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: 151-IA-2
Client Name: RTP
Project Name: 151 Juniper Drive
Date: 11/4-11/5/25 Time: 8:02
Analysis: TO-15
Comments: 151 Juniper Drive

CHEMTECH'S SAM
Date Received: _____

Storage Location: Air Lab
Sample: Q3555-02
Cust #: 151-IA-2

22570050

55-59
12153

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: 151-IA-1
Client Name: RTP
Project Name: 151 Juniper Drive
Date: 11/4-11/5/25 Time: 8:09
Analysis: TO-15
Comments: 151 Juniper Drive

CHEMTEC
Date Received: _____

Storage Location: Air Lab
Sample: Q3555-01
Cust #: 151-IA-1

Disposal: _____

22570050

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #:

151-SG-2

Client Name:

RTP

Project Name:

Chadwick

Date:

11/5/25

Time:

141

Analysis:

TO-15

Comments:

Storage Location: Air Lab

Sample: Q3555-04

Cust #: 151-SG-2

CHEMTECH'S SAMPLE

Date Received:

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #:

151-SG-1

Client Name:

RTP

Project Name:

Chadwick

Date:

11/5/25

Time:

1242-1842

Analysis:

Comments:

Storage Location: Air Lab

Sample: Q3555-03

Cust #: 151-SG-1

CHEMTECH'S

Date Received:

Disposal: