

LAB CHRONICLE

OrderID:	Q3799	OrderDate:	12/5/2025 1:04:00 PM
Client:	RTP Environmental	Project:	CHADWICK SQUARE
Contact:	David Gabel	Location:	Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3799-01	AA-1	Air	TO-15	TO-15	12/03/25		12/08/25	12/04/25
Q3799-02	9B-IA-1	Air	TO-15	TO-15	12/03/25		12/08/25	12/04/25
Q3799-03	10-IA-1	Air	TO-15	TO-15	12/03/25		12/08/25	12/04/25
Q3799-03DL	10-IA-1DL	Air	TO-15	TO-15	12/03/25		12/08/25	12/04/25
Q3799-03DL 2	10-IA-1DL2	Air	TO-15	TO-15	12/03/25		12/09/25	12/04/25
Q3799-04	11-IA-1	Air	TO-15	TO-15	12/03/25		12/08/25	12/04/25
Q3799-05	13-IA-1	Air	TO-15	TO-15	12/03/25		12/08/25	12/04/25
Q3799-06	16-IA-1	Air	TO-15	TO-15	12/03/25		12/08/25	12/04/25
Q3799-06DL	16-IA-1DL	Air	TO-15	TO-15	12/03/25		12/08/25	12/04/25

Hit Summary Sheet
SW-846

SDG No.: Q3799

Client: RTP Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	AA-1							
Q3799-01	AA-1	Air	Dichlorodifluoromethane	1.93	J	0.54	2.47	ug/m3
Q3799-01	AA-1	Air	Chloromethane	4.54		0.21	1.03	ug/m3
Q3799-01	AA-1	Air	Trichlorofluoromethane	1.18	J	0.96	2.81	ug/m3
Q3799-01	AA-1	Air	Acetone	11.4		0.43	1.19	ug/m3
Q3799-01	AA-1	Air	Methylene Chloride	8.34		0.80	1.74	ug/m3
Q3799-01	AA-1	Air	2-Butanone	1.47		0.18	1.47	ug/m3
Q3799-01	AA-1	Air	Carbon Tetrachloride	0.57		0.19	0.19	ug/m3
Q3799-01	AA-1	Air	Chloroform	0.73	J	0.49	2.44	ug/m3
Q3799-01	AA-1	Air	Benzene	0.58	J	0.26	1.60	ug/m3
Q3799-01	AA-1	Air	Hexane	4.23		0.56	1.76	ug/m3
Total Voc :				35.0				
Total Concentration:				35.0				
Client ID:	9B-IA-1							
Q3799-02	9B-IA-1	Air	Dichlorodifluoromethane	1.98	J	0.54	2.47	ug/m3
Q3799-02	9B-IA-1	Air	Chloromethane	1.14		0.21	1.03	ug/m3
Q3799-02	9B-IA-1	Air	Trichlorofluoromethane	1.12	J	0.96	2.81	ug/m3
Q3799-02	9B-IA-1	Air	Acetone	20.9		0.43	1.19	ug/m3
Q3799-02	9B-IA-1	Air	Methylene Chloride	1.67	J	0.80	1.74	ug/m3
Q3799-02	9B-IA-1	Air	2-Butanone	0.88	J	0.18	1.47	ug/m3
Q3799-02	9B-IA-1	Air	Carbon Tetrachloride	0.63		0.19	0.19	ug/m3
Q3799-02	9B-IA-1	Air	Chloroform	0.68	J	0.49	2.44	ug/m3
Q3799-02	9B-IA-1	Air	Benzene	0.48	J	0.26	1.60	ug/m3
Q3799-02	9B-IA-1	Air	Hexane	3.10		0.56	1.76	ug/m3
Total Voc :				32.6				
Total Concentration:				32.6				
Client ID:	10-IA-1							
Q3799-03	10-IA-1	Air	Dichlorodifluoromethane	2.03	J	0.54	2.47	ug/m3
Q3799-03	10-IA-1	Air	Chloromethane	0.95	J	0.21	1.03	ug/m3
Q3799-03	10-IA-1	Air	Trichlorofluoromethane	1.29	J	0.96	2.81	ug/m3
Q3799-03	10-IA-1	Air	Heptane	0.70	J	0.70	2.05	ug/m3
Q3799-03	10-IA-1	Air	Acetone	689	E	0.43	1.19	ug/m3
Q3799-03	10-IA-1	Air	Methylene Chloride	55.2	E	0.80	1.74	ug/m3
Q3799-03	10-IA-1	Air	2-Butanone	1.62		0.18	1.47	ug/m3
Q3799-03	10-IA-1	Air	Carbon Tetrachloride	0.57		0.19	0.19	ug/m3
Q3799-03	10-IA-1	Air	Benzene	0.51	J	0.26	1.60	ug/m3
Q3799-03	10-IA-1	Air	Toluene	1.70	J	0.60	1.88	ug/m3

Hit Summary Sheet
SW-846

SDG No.: Q3799

Client: RTP Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3799-03	10-IA-1	Air	Tetrachloroethene	0.27		0.14	0.20	ug/m3
Q3799-03	10-IA-1	Air	Methyl Methacrylate	267	E	0.57	2.05	ug/m3
Total Voc :				1020				
Total Concentration:				1020				
Client ID:	10-IA-1DL							
Q3799-03DL	10-IA-1DL	Air	Acetone	3560	ED	4.28	11.9	ug/m3
Q3799-03DL	10-IA-1DL	Air	Methylene Chloride	50.4	D	7.99	17.4	ug/m3
Q3799-03DL	10-IA-1DL	Air	Methyl Methacrylate	235	D	5.73	20.5	ug/m3
Total Voc :				3850				
Total Concentration:				3850				
Client ID:	10-IA-1DL2							
Q3799-03DL2	10-IA-1DL2	Air	Acetone	7130	D	171	475	ug/m3
Total Voc :				7130				
Total Concentration:				7130				
Client ID:	11-IA-1							
Q3799-04	11-IA-1	Air	Dichlorodifluoromethane	1.98	J	0.54	2.47	ug/m3
Q3799-04	11-IA-1	Air	Chloromethane	1.03		0.21	1.03	ug/m3
Q3799-04	11-IA-1	Air	Trichlorofluoromethane	1.29	J	0.96	2.81	ug/m3
Q3799-04	11-IA-1	Air	Acetone	19.0		0.43	1.19	ug/m3
Q3799-04	11-IA-1	Air	Methylene Chloride	1.39	J	0.80	1.74	ug/m3
Q3799-04	11-IA-1	Air	2-Butanone	1.03	J	0.18	1.47	ug/m3
Q3799-04	11-IA-1	Air	Carbon Tetrachloride	0.57		0.19	0.19	ug/m3
Q3799-04	11-IA-1	Air	Benzene	0.48	J	0.26	1.60	ug/m3
Q3799-04	11-IA-1	Air	Toluene	0.98	J	0.60	1.88	ug/m3
Q3799-04	11-IA-1	Air	Tetrachloroethene	0.61		0.14	0.20	ug/m3
Q3799-04	11-IA-1	Air	Hexane	4.23		0.56	1.76	ug/m3
Total Voc :				32.6				
Total Concentration:				32.6				
Client ID:	13-IA-1							
Q3799-05	13-IA-1	Air	Dichlorodifluoromethane	1.98	J	0.54	2.47	ug/m3
Q3799-05	13-IA-1	Air	Chloromethane	0.95	J	0.21	1.03	ug/m3
Q3799-05	13-IA-1	Air	Trichlorofluoromethane	1.40	J	0.96	2.81	ug/m3
Q3799-05	13-IA-1	Air	Acetone	8.31		0.43	1.19	ug/m3
Q3799-05	13-IA-1	Air	Methylene Chloride	2.64		0.80	1.74	ug/m3
Q3799-05	13-IA-1	Air	2-Butanone	0.77	J	0.18	1.47	ug/m3
Q3799-05	13-IA-1	Air	Carbon Tetrachloride	0.44		0.19	0.19	ug/m3
Q3799-05	13-IA-1	Air	Benzene	0.67	J	0.26	1.60	ug/m3
Q3799-05	13-IA-1	Air	Toluene	0.72	J	0.60	1.88	ug/m3

Hit Summary Sheet
SW-846

SDG No.: Q3799

Client: RTP Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3799-05	13-IA-1	Air	Tetrachloroethene	0.34		0.14	0.20	ug/m3
Q3799-05	13-IA-1	Air	Hexane	8.11		0.56	1.76	ug/m3
Total Voc :				26.3				
Total Concentration:				26.3				
Client ID:	16-IA-1							
Q3799-06	16-IA-1	Air	Dichlorodifluoromethane	2.08	J	0.54	2.47	ug/m3
Q3799-06	16-IA-1	Air	Chloromethane	1.53		0.21	1.03	ug/m3
Q3799-06	16-IA-1	Air	Trichlorofluoromethane	1.18	J	0.96	2.81	ug/m3
Q3799-06	16-IA-1	Air	Acetone	70.8	E	0.43	1.19	ug/m3
Q3799-06	16-IA-1	Air	Methylene Chloride	25.4		0.80	1.74	ug/m3
Q3799-06	16-IA-1	Air	2-Butanone	1.30	J	0.18	1.47	ug/m3
Q3799-06	16-IA-1	Air	Carbon Tetrachloride	0.50		0.19	0.19	ug/m3
Q3799-06	16-IA-1	Air	Benzene	0.64	J	0.26	1.60	ug/m3
Q3799-06	16-IA-1	Air	4-Methyl-2-Pentanone	0.45	J	0.41	2.05	ug/m3
Q3799-06	16-IA-1	Air	Toluene	0.98	J	0.60	1.88	ug/m3
Q3799-06	16-IA-1	Air	Ethyl Benzene	0.96	J	0.83	2.17	ug/m3
Q3799-06	16-IA-1	Air	m/p-Xylene	3.91	J	1.78	4.34	ug/m3
Q3799-06	16-IA-1	Air	o-Xylene	1.04	J	0.91	2.17	ug/m3
Q3799-06	16-IA-1	Air	Hexane	9.52		0.56	1.76	ug/m3
Total Voc :				120				
Total Concentration:				120				
Client ID:	16-IA-1DL							
Q3799-06DL	16-IA-1DL	Air	Acetone	83.1	D	4.28	11.9	ug/m3
Q3799-06DL	16-IA-1DL	Air	Methylene Chloride	31.6	D	7.99	17.4	ug/m3
Q3799-06DL	16-IA-1DL	Air	Hexane	8.46	JD	5.64	17.6	ug/m3
Total Voc :				123				
Total Concentration:				123				

Project : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : AA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-01

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	0.39	J	1.93		
Chloromethane	74-87-3	50.49	2.2		4.54		
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	0.21	J	1.18		
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	4.8		11.4		
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	2.4		8.34		
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	0.5		1.47		
Carbon Tetrachloride	56-23-5	153.8	0.09		0.57		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.15	J	0.73		
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	0.18	J	0.58		
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	0.16	U	0.6		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : AA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-01

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	0.41	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	1.2		4.23		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 9B-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-02

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	0.4	J	1.98		
Chloromethane	74-87-3	50.49	0.55		1.14		
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	0.2	J	1.12		
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	8.8		20.9		
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	0.48	J	1.67		
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	0.3	J	0.88		
Carbon Tetrachloride	56-23-5	153.8	0.1		0.63		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.14	J	0.68		
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	0.15	J	0.48		
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	0.16	U	0.6		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 9B-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-02

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	0.88		3.1		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 10-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-03

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	0.41	J	2.03		
Chloromethane	74-87-3	50.49	0.46	J	0.95		
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	0.23	J	1.29		
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	J	0.7		
1,1-Dichloroethene	75-35-4	96.94	0.15	U	0.59		
Acetone	67-64-1	58.08	290	E	688		
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	15.9	E	55.2		
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	0.55		1.62		
Carbon Tetrachloride	56-23-5	153.8	0.09		0.57		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.1	U	0.49		
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	0.16	J	0.51		
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	0.45	J	1.7		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 10-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-03

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	0.04		0.27		
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	0.16	U	0.56		
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	65.2	E	266		

Project : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 10-IA-1DL

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-03DL

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	1500	ED	3563		
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	14.5	D	50.4		
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	0.56	UD	1.65		
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	0.96	UD	4.69		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 10-IA-1DL

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-03DL

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	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	57.4	D	235		

Project : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 10-IA-1DL2

Analysis Date : 12/09/25

Laboratory Id Number : Q3799-03DL2

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	44	UD	217		
Chloromethane	74-87-3	50.49	39.2	UD	81.0		
Vinyl Chloride	75-01-4	62.5	10	UD	25.6		
Bromomethane	74-83-9	94.94	30.8	UD	119		
Chloroethane	75-00-3	64.52	60	UD	158		
Tetrahydrofuran	109-99-9	72.11	32	UD	94.4		
Trichlorofluoromethane	75-69-4	137.4	68	UD	382		
Dichlorotetrafluoroethane	76-14-2	170.9	60	UD	419		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	56	UD	429		
tert-Butyl alcohol	75-65-0	74.12	64	UD	194		
Heptane	142-82-5	100.2	68	UD	278		
1,1-Dichloroethene	75-35-4	96.94	60	UD	237		
Acetone	67-64-1	58.08	3000	D	7126		
Carbon Disulfide	75-15-0	76.14	32	UD	99.6		
Methyl tert-Butyl Ether	1634-04-4	88.15	92	UD	331		
Methylene Chloride	75-09-2	84.94	92	UD	319		
trans-1,2-Dichloroethene	156-60-5	96.94	48	UD	190		
1,1-Dichloroethane	75-34-3	98.96	52	UD	210		
Cyclohexane	110-82-7	84.16	88	UD	302		
2-Butanone	78-93-3	72.11	22.4	UD	66.1		
Carbon Tetrachloride	56-23-5	153.8	10	UD	62.9		
cis-1,2-Dichloroethene	156-59-2	96.94	39.6	UD	157		
Chloroform	67-66-3	119.4	38.4	UD	187		
1,1,1-Trichloroethane	71-55-6	133.4	6.4	UD	34.9		
2,2,4-Trimethylpentane	540-84-1	114.2	56	UD	261		
Benzene	71-43-2	78.11	31.6	UD	100		
1,2-Dichloroethane	107-06-2	98.96	37.2	UD	150		
Trichloroethene	79-01-6	131.4	9.6	UD	51.6		
1,2-Dichloropropane	78-87-5	113	52	UD	240		
Bromodichloromethane	75-27-4	163.8	25.2	UD	168		
4-Methyl-2-Pentanone	108-10-1	100.2	38.8	UD	159		
Toluene	108-88-3	92.14	64	UD	241		
t-1,3-Dichloropropene	10061-02-6	111	60	UD	272		
cis-1,3-Dichloropropene	10061-01-5	111	44	UD	199		
1,1,2-Trichloroethane	79-00-5	133.4	32.4	UD	176		

Project : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 10-IA-1DL2

Analysis Date : 12/09/25

Laboratory Id Number : Q3799-03DL2

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	34	UD	289		
1,2-Dibromoethane	106-93-4	187.9	34	UD	261		
Tetrachloroethene	127-18-4	165.8	6	UD	40.7		
Chlorobenzene	108-90-7	112.6	30.8	UD	141		
Ethyl Benzene	100-41-4	106.2	76	UD	330		
m/p-Xylene	179601-23-1	106.2	160	UD	694		
o-Xylene	95-47-6	106.2	84	UD	364		
Styrene	100-42-5	104.1	64	UD	272		
Bromoform	75-25-2	252.8	19.2	UD	198		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	7.2	UD	49.4		
2-Chlorotoluene	95-49-8	126.6	68	UD	352		
1,3,5-Trimethylbenzene	108-67-8	120.2	72	UD	353		
1,2,4-Trimethylbenzene	95-63-6	120.2	72	UD	353		
1,3-Dichlorobenzene	541-73-1	147	21.6	UD	129		
1,4-Dichlorobenzene	106-46-7	147	52	UD	312		
1,2-Dichlorobenzene	95-50-1	147	52	UD	312		
1,2,4-Trichlorobenzene	120-82-1	181.5	84	UD	623		
Hexachloro-1,3-Butadiene	87-68-3	260.8	52	UD	554		
Naphthalene	91-20-3	128.17	5.2	UD	27.3		
1,3-Butadiene	106-99-0	54.09	20.4	UD	45.1		
4-Ethyltoluene	622-96-8	120.2	84	UD	412		
Hexane	110-54-3	86.17	64	UD	225		
Allyl Chloride	107-05-1	76.53	44	UD	137		
1,4-Dioxane	123-91-1	88.12	88	UD	317		
Methyl Methacrylate	80-62-6	100.117	56	UD	229		

Project : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 11-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-04

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	0.4	J	1.98		
Chloromethane	74-87-3	50.49	0.5		1.03		
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	0.23	J	1.29		
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	8		19		
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	0.4	J	1.39		
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	0.35	J	1.03		
Carbon Tetrachloride	56-23-5	153.8	0.09		0.57		
cis-1,2-Dichloroethene	156-59-2	96.94	0.1	U	0.4		
Chloroform	67-66-3	119.4	0.1	U	0.49		
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	0.15	J	0.48		
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	0.26	J	0.98		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 11-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-04

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	0.09		0.61		
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	1.2		4.23		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 13-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-05

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	0.4	J	1.98		
Chloromethane	74-87-3	50.49	0.46	J	0.95		
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	0.25	J	1.4		
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	3.5		8.31		
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	0.76		2.64		
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	0.26	J	0.77		
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	0.1	U	0.49		
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	0.21	J	0.67		
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	0.19	J	0.72		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 13-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-05

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	0.05		0.34		
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		
1,3-Butadiene	106-99-0	54.09	0.05	U	0.11		
Naphthalene	91-20-3	128.17	0.01	U	0.05		
4-Ethyltoluene	622-96-8	120.2	0.21	U	1.03		
Hexane	110-54-3	86.17	2.3		8.11		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 16-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-06

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	0.42	J	2.08		
Chloromethane	74-87-3	50.49	0.74		1.53		
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	0.21	J	1.18		
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	29.8	E	70.8		
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	7.3		25.4		
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	0.44	J	1.3		
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	0.1	U	0.49		
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	0.09	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	0.11	J	0.45		
Toluene	108-88-3	92.14	0.26	J	0.98		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 16-IA-1

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-06

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	0.22	J	0.96		
m/p-Xylene	179601-23-1	106.2	0.9	J	3.91		
o-Xylene	95-47-6	106.2	0.24	J	1.04		
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	2.7		9.52		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 16-IA-1DL

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-06DL

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	35	D	83.1		
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	9.1	D	31.6		
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	0.56	UD	1.65		
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	0.96	UD	4.69		
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 : CHADWICK SQUARE

Sampling Date : 12/03/25

Field Id Number : 16-IA-1DL

Analysis Date : 12/08/25

Laboratory Id Number : Q3799-06DL

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	2.4	JD	8.46		
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		0.06164414
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

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



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

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: CHADWICK SQUARE
Client Sample ID: AA-1
Lab Sample ID: Q3799-01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	0.39	1.93	J	1	0.54	2.47	12/08/25 12:40	VL120825
74-87-3	Chloromethane	2.20	4.54		1	0.21	1.03	12/08/25 12:40	VL120825
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	12/08/25 12:40	VL120825
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	12/08/25 12:40	VL120825
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	12/08/25 12:40	VL120825
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	12/08/25 12:40	VL120825
75-69-4	Trichlorofluoromethane	0.21	1.18	J	1	0.96	2.81	12/08/25 12:40	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	12/08/25 12:40	VL120825
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	12/08/25 12:40	VL120825
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	12/08/25 12:40	VL120825
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	12/08/25 12:40	VL120825
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	12/08/25 12:40	VL120825
67-64-1	Acetone	4.80	11.4		1	0.43	1.19	12/08/25 12:40	VL120825
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	12/08/25 12:40	VL120825
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	12/08/25 12:40	VL120825
75-09-2	Methylene Chloride	2.40	8.34		1	0.80	1.74	12/08/25 12:40	VL120825
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	12/08/25 12:40	VL120825
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	12/08/25 12:40	VL120825
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	12/08/25 12:40	VL120825
78-93-3	2-Butanone	0.50	1.47		1	0.18	1.47	12/08/25 12:40	VL120825
56-23-5	Carbon Tetrachloride	0.090	0.57		1	0.19	0.19	12/08/25 12:40	VL120825
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	12/08/25 12:40	VL120825
67-66-3	Chloroform	0.15	0.73	J	1	0.49	2.44	12/08/25 12:40	VL120825
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	12/08/25 12:40	VL120825
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	12/08/25 12:40	VL120825
71-43-2	Benzene	0.18	0.58	J	1	0.26	1.60	12/08/25 12:40	VL120825
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	12/08/25 12:40	VL120825
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	12/08/25 12:40	VL120825
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	12/08/25 12:40	VL120825
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	12/08/25 12:40	VL120825
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	12/08/25 12:40	VL120825
108-88-3	Toluene	0.16	0.60	U	1	0.60	1.88	12/08/25 12:40	VL120825
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	12/08/25 12:40	VL120825
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	12/08/25 12:40	VL120825
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	12/08/25 12:40	VL120825
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	12/08/25 12:40	VL120825
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	12/08/25 12:40	VL120825
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	12/08/25 12:40	VL120825
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	12/08/25 12:40	VL120825
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	12/08/25 12:40	VL120825
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	12/08/25 12:40	VL120825
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	12/08/25 12:40	VL120825
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	12/08/25 12:40	VL120825
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	12/08/25 12:40	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	12/08/25 12:40	VL120825
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	12/08/25 12:40	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: AA-1
Lab Sample ID: Q3799-01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	12/08/25 12:40	VL120825
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	12/08/25 12:40	VL120825
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	12/08/25 12:40	VL120825
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 12:40	VL120825
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 12:40	VL120825
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	12/08/25 12:40	VL120825
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	12/08/25 12:40	VL120825
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	12/08/25 12:40	VL120825
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	12/08/25 12:40	VL120825
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	12/08/25 12:40	VL120825
110-54-3	Hexane	1.20	4.23		1	0.56	1.76	12/08/25 12:40	VL120825
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	12/08/25 12:40	VL120825
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	12/08/25 12:40	VL120825
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	12/08/25 12:40	VL120825

SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 10.2 70 (65) - 130 (135) 102% SPK: 10

INTERNAL STANDARDS

Area Count
74-97-5 Bromochloromethane 152000
540-36-3 1,4-Difluorobenzene 390000
3114-55-4 Chlorobenzene-d5 311000

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: CHADWICK SQUARE
Client Sample ID: 9B-IA-1
Lab Sample ID: Q3799-02
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	0.40	1.98	J	1	0.54	2.47	12/08/25 13:52	VL120825
74-87-3	Chloromethane	0.55	1.14		1	0.21	1.03	12/08/25 13:52	VL120825
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	12/08/25 13:52	VL120825
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	12/08/25 13:52	VL120825
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	12/08/25 13:52	VL120825
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	12/08/25 13:52	VL120825
75-69-4	Trichlorofluoromethane	0.20	1.12	J	1	0.96	2.81	12/08/25 13:52	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	12/08/25 13:52	VL120825
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	12/08/25 13:52	VL120825
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	12/08/25 13:52	VL120825
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	12/08/25 13:52	VL120825
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	12/08/25 13:52	VL120825
67-64-1	Acetone	8.80	20.9		1	0.43	1.19	12/08/25 13:52	VL120825
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	12/08/25 13:52	VL120825
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	12/08/25 13:52	VL120825
75-09-2	Methylene Chloride	0.48	1.67	J	1	0.80	1.74	12/08/25 13:52	VL120825
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	12/08/25 13:52	VL120825
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	12/08/25 13:52	VL120825
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	12/08/25 13:52	VL120825
78-93-3	2-Butanone	0.30	0.88	J	1	0.18	1.47	12/08/25 13:52	VL120825
56-23-5	Carbon Tetrachloride	0.10	0.63		1	0.19	0.19	12/08/25 13:52	VL120825
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	12/08/25 13:52	VL120825
67-66-3	Chloroform	0.14	0.68	J	1	0.49	2.44	12/08/25 13:52	VL120825
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	12/08/25 13:52	VL120825
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	12/08/25 13:52	VL120825
71-43-2	Benzene	0.15	0.48	J	1	0.26	1.60	12/08/25 13:52	VL120825
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	12/08/25 13:52	VL120825
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	12/08/25 13:52	VL120825
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	12/08/25 13:52	VL120825
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	12/08/25 13:52	VL120825
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	12/08/25 13:52	VL120825
108-88-3	Toluene	0.16	0.60	U	1	0.60	1.88	12/08/25 13:52	VL120825
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	12/08/25 13:52	VL120825
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	12/08/25 13:52	VL120825
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	12/08/25 13:52	VL120825
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	12/08/25 13:52	VL120825
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	12/08/25 13:52	VL120825
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	12/08/25 13:52	VL120825
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	12/08/25 13:52	VL120825
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	12/08/25 13:52	VL120825
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	12/08/25 13:52	VL120825
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	12/08/25 13:52	VL120825
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	12/08/25 13:52	VL120825
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	12/08/25 13:52	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	12/08/25 13:52	VL120825
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	12/08/25 13:52	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 9B-IA-1
Lab Sample ID: Q3799-02
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	12/08/25 13:52	VL120825
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	12/08/25 13:52	VL120825
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	12/08/25 13:52	VL120825
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 13:52	VL120825
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 13:52	VL120825
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	12/08/25 13:52	VL120825
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	12/08/25 13:52	VL120825
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	12/08/25 13:52	VL120825
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	12/08/25 13:52	VL120825
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	12/08/25 13:52	VL120825
110-54-3	Hexane	0.88	3.10		1	0.56	1.76	12/08/25 13:52	VL120825
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	12/08/25 13:52	VL120825
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	12/08/25 13:52	VL120825
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	12/08/25 13:52	VL120825

SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 10.3 70 (65) - 130 (135) 103% SPK: 10

INTERNAL STANDARDS

Area Count
74-97-5 Bromochloromethane 137000
540-36-3 1,4-Difluorobenzene 358000
3114-55-4 Chlorobenzene-d5 282000

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: CHADWICK SQUARE
Client Sample ID: 10-IA-1
Lab Sample ID: Q3799-03
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	0.41	2.03	J	1	0.54	2.47	12/08/25 14:29	VL120825
74-87-3	Chloromethane	0.46	0.95	J	1	0.21	1.03	12/08/25 14:29	VL120825
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	12/08/25 14:29	VL120825
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	12/08/25 14:29	VL120825
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	12/08/25 14:29	VL120825
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	12/08/25 14:29	VL120825
75-69-4	Trichlorofluoromethane	0.23	1.29	J	1	0.96	2.81	12/08/25 14:29	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	12/08/25 14:29	VL120825
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	12/08/25 14:29	VL120825
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	12/08/25 14:29	VL120825
142-82-5	Heptane	0.17	0.70	J	1	0.70	2.05	12/08/25 14:29	VL120825
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	12/08/25 14:29	VL120825
67-64-1	Acetone	290	689	E	1	0.43	1.19	12/08/25 14:29	VL120825
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	12/08/25 14:29	VL120825
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	12/08/25 14:29	VL120825
75-09-2	Methylene Chloride	15.9	55.2	E	1	0.80	1.74	12/08/25 14:29	VL120825
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	12/08/25 14:29	VL120825
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	12/08/25 14:29	VL120825
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	12/08/25 14:29	VL120825
78-93-3	2-Butanone	0.55	1.62		1	0.18	1.47	12/08/25 14:29	VL120825
56-23-5	Carbon Tetrachloride	0.090	0.57		1	0.19	0.19	12/08/25 14:29	VL120825
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	12/08/25 14:29	VL120825
67-66-3	Chloroform	0.10	0.49	U	1	0.49	2.44	12/08/25 14:29	VL120825
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	12/08/25 14:29	VL120825
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	12/08/25 14:29	VL120825
71-43-2	Benzene	0.16	0.51	J	1	0.26	1.60	12/08/25 14:29	VL120825
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	12/08/25 14:29	VL120825
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	12/08/25 14:29	VL120825
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	12/08/25 14:29	VL120825
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	12/08/25 14:29	VL120825
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	12/08/25 14:29	VL120825
108-88-3	Toluene	0.45	1.70	J	1	0.60	1.88	12/08/25 14:29	VL120825
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	12/08/25 14:29	VL120825
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	12/08/25 14:29	VL120825
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	12/08/25 14:29	VL120825
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	12/08/25 14:29	VL120825
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	12/08/25 14:29	VL120825
127-18-4	Tetrachloroethene	0.040	0.27		1	0.14	0.20	12/08/25 14:29	VL120825
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	12/08/25 14:29	VL120825
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	12/08/25 14:29	VL120825
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	12/08/25 14:29	VL120825
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	12/08/25 14:29	VL120825
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	12/08/25 14:29	VL120825
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	12/08/25 14:29	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	12/08/25 14:29	VL120825
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	12/08/25 14:29	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 10-IA-1
Lab Sample ID: Q3799-03
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	12/08/25 14:29	VL120825
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	12/08/25 14:29	VL120825
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	12/08/25 14:29	VL120825
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 14:29	VL120825
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 14:29	VL120825
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	12/08/25 14:29	VL120825
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	12/08/25 14:29	VL120825
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	12/08/25 14:29	VL120825
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	12/08/25 14:29	VL120825
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	12/08/25 14:29	VL120825
110-54-3	Hexane	0.16	0.56	U	1	0.56	1.76	12/08/25 14:29	VL120825
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	12/08/25 14:29	VL120825
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	12/08/25 14:29	VL120825
80-62-6	Methyl Methacrylate	65.2	267	E	1	0.57	2.05	12/08/25 14:29	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.4		70 (65) - 130 (135)	104% SPK: 10
----------	-------------------------	------	--	---------------------	--------------

INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	142000
540-36-3	1,4-Difluorobenzene	362000
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: CHADWICK SQUARE
Client Sample ID: 10-IA-1DL
Lab Sample ID: Q3799-03DL
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	12/08/25 20:50	VL120825
74-87-3	Chloromethane	0.98	2.02	UD	10	2.02	10.3	12/08/25 20:50	VL120825
75-01-4	Vinyl Chloride	0.25	0.64	UD	10	0.64	0.77	12/08/25 20:50	VL120825
74-83-9	Bromomethane	0.77	2.99	UD	10	2.99	19.4	12/08/25 20:50	VL120825
75-00-3	Chloroethane	1.50	3.96	UD	10	3.96	13.2	12/08/25 20:50	VL120825
109-99-9	Tetrahydrofuran	0.80	2.36	UD	10	2.36	14.8	12/08/25 20:50	VL120825
75-69-4	Trichlorofluoromethane	1.70	9.55	UD	10	9.55	28.1	12/08/25 20:50	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	10.7	UD	10	10.7	38.3	12/08/25 20:50	VL120825
76-14-2	Dichlorotetrafluoroethane	1.50	10.5	UD	10	10.5	35.0	12/08/25 20:50	VL120825
75-65-0	tert-Butyl alcohol	1.60	4.85	UD	10	4.85	15.2	12/08/25 20:50	VL120825
142-82-5	Heptane	1.70	6.97	UD	10	6.97	20.5	12/08/25 20:50	VL120825
75-35-4	1,1-Dichloroethene	1.50	5.95	UD	10	5.95	19.8	12/08/25 20:50	VL120825
67-64-1	Acetone	1500	3560	ED	10	4.28	11.9	12/08/25 20:50	VL120825
75-15-0	Carbon Disulfide	0.80	2.49	UD	10	2.49	15.6	12/08/25 20:50	VL120825
1634-04-4	Methyl tert-Butyl Ether	2.30	8.29	UD	10	8.29	18.0	12/08/25 20:50	VL120825
75-09-2	Methylene Chloride	14.5	50.4	D	10	7.99	17.4	12/08/25 20:50	VL120825
156-60-5	trans-1,2-Dichloroethene	1.20	4.76	UD	10	4.76	19.8	12/08/25 20:50	VL120825
75-34-3	1,1-Dichloroethane	1.30	5.26	UD	10	5.26	20.2	12/08/25 20:50	VL120825
110-82-7	Cyclohexane	2.20	7.57	UD	10	7.57	17.2	12/08/25 20:50	VL120825
78-93-3	2-Butanone	0.56	1.65	UD	10	1.65	14.8	12/08/25 20:50	VL120825
56-23-5	Carbon Tetrachloride	0.25	1.57	UD	10	1.57	1.89	12/08/25 20:50	VL120825
156-59-2	cis-1,2-Dichloroethene	0.99	3.93	UD	10	3.93	19.8	12/08/25 20:50	VL120825
67-66-3	Chloroform	0.96	4.69	UD	10	4.69	24.4	12/08/25 20:50	VL120825
71-55-6	1,1,1-Trichloroethane	0.16	0.87	UD	10	0.87	1.64	12/08/25 20:50	VL120825
540-84-1	2,2,4-Trimethylpentane	1.40	6.54	UD	10	6.54	23.4	12/08/25 20:50	VL120825
71-43-2	Benzene	0.79	2.52	UD	10	2.52	16.0	12/08/25 20:50	VL120825
107-06-2	1,2-Dichloroethane	0.93	3.76	UD	10	3.76	20.2	12/08/25 20:50	VL120825
79-01-6	Trichloroethene	0.24	1.29	UD	10	1.29	1.61	12/08/25 20:50	VL120825
78-87-5	1,2-Dichloropropane	1.30	6.01	UD	10	6.01	23.1	12/08/25 20:50	VL120825
75-27-4	Bromodichloromethane	0.63	4.22	UD	10	4.22	33.5	12/08/25 20:50	VL120825
108-10-1	4-Methyl-2-Pentanone	0.97	3.98	UD	10	3.98	20.5	12/08/25 20:50	VL120825
108-88-3	Toluene	1.60	6.03	UD	10	6.03	18.8	12/08/25 20:50	VL120825
10061-02-6	t-1,3-Dichloropropene	1.50	6.81	UD	10	6.81	22.7	12/08/25 20:50	VL120825
10061-01-5	cis-1,3-Dichloropropene	1.10	4.99	UD	10	4.99	22.7	12/08/25 20:50	VL120825
79-00-5	1,1,2-Trichloroethane	0.81	4.42	UD	10	4.42	27.3	12/08/25 20:50	VL120825
124-48-1	Dibromochloromethane	0.85	7.24	UD	10	7.24	42.6	12/08/25 20:50	VL120825
106-93-4	1,2-Dibromoethane	0.85	6.53	UD	10	6.53	7.69	12/08/25 20:50	VL120825
127-18-4	Tetrachloroethene	0.15	1.02	UD	10	1.02	2.03	12/08/25 20:50	VL120825
108-90-7	Chlorobenzene	0.77	3.55	UD	10	3.55	23.0	12/08/25 20:50	VL120825
100-41-4	Ethyl Benzene	1.90	8.25	UD	10	8.25	21.7	12/08/25 20:50	VL120825
179601-23-1	m/p-Xylene	4.10	17.8	UD	10	17.8	43.4	12/08/25 20:50	VL120825
95-47-6	o-Xylene	2.10	9.12	UD	10	9.12	21.7	12/08/25 20:50	VL120825
100-42-5	Styrene	1.60	6.81	UD	10	6.81	21.3	12/08/25 20:50	VL120825
75-25-2	Bromoform	0.48	4.96	UD	10	4.96	51.7	12/08/25 20:50	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.18	1.24	UD	10	1.24	2.06	12/08/25 20:50	VL120825
95-49-8	2-Chlorotoluene	1.70	8.80	UD	10	8.80	25.9	12/08/25 20:50	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 10-IA-1DL
Lab Sample ID: Q3799-03DL
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	1.80	8.85	UD	10	8.85	24.6	12/08/25 20:50	VL120825
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85	UD	10	8.85	24.6	12/08/25 20:50	VL120825
541-73-1	1,3-Dichlorobenzene	0.54	3.25	UD	10	3.25	30.1	12/08/25 20:50	VL120825
106-46-7	1,4-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	12/08/25 20:50	VL120825
95-50-1	1,2-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	12/08/25 20:50	VL120825
120-82-1	1,2,4-Trichlorobenzene	2.10	15.6	UD	10	15.6	37.1	12/08/25 20:50	VL120825
87-68-3	Hexachloro-1,3-Butadiene	1.30	13.9	UD	10	13.9	53.3	12/08/25 20:50	VL120825
106-99-0	1,3-Butadiene	0.51	1.13	UD	10	1.13	11.1	12/08/25 20:50	VL120825
91-20-3	Naphthalene	0.13	0.68	UD	10	0.68	5.24	12/08/25 20:50	VL120825
622-96-8	4-Ethyltoluene	2.10	10.3	UD	10	10.3	24.6	12/08/25 20:50	VL120825
110-54-3	Hexane	1.60	5.64	UD	10	5.64	17.6	12/08/25 20:50	VL120825
107-05-1	Allyl Chloride	1.10	3.44	UD	10	3.44	15.7	12/08/25 20:50	VL120825
123-91-1	1,4-Dioxane	2.20	7.93	UD	10	7.93	18.0	12/08/25 20:50	VL120825
80-62-6	Methyl Methacrylate	57.4	235	D	10	5.73	20.5	12/08/25 20:50	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.70		70 (65) - 130 (135)	97% SPK: 10
----------	-------------------------	------	--	---------------------	-------------

INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	129000
540-36-3	1,4-Difluorobenzene	324000
3114-55-4	Chlorobenzene-d5	262000

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: CHADWICK SQUARE
Client Sample ID: 10-IA-1DL2
Lab Sample ID: Q3799-03DL2
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	44.0	218	UD	400	218	989	12/09/25 07:30	VL120825
74-87-3	Chloromethane	39.2	81.0	UD	400	81.0	413	12/09/25 07:30	VL120825
75-01-4	Vinyl Chloride	10.0	25.6	UD	400	25.6	30.7	12/09/25 07:30	VL120825
74-83-9	Bromomethane	30.8	120	UD	400	120	777	12/09/25 07:30	VL120825
75-00-3	Chloroethane	60.0	158	UD	400	158	528	12/09/25 07:30	VL120825
109-99-9	Tetrahydrofuran	32.0	94.4	UD	400	94.4	590	12/09/25 07:30	VL120825
75-69-4	Trichlorofluoromethane	68.0	382	UD	400	382	1120	12/09/25 07:30	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	56.0	429	UD	400	429	1530	12/09/25 07:30	VL120825
76-14-2	Dichlorotetrafluoroethane	60.0	419	UD	400	419	1400	12/09/25 07:30	VL120825
75-65-0	tert-Butyl alcohol	64.0	194	UD	400	194	606	12/09/25 07:30	VL120825
142-82-5	Heptane	68.0	279	UD	400	279	820	12/09/25 07:30	VL120825
75-35-4	1,1-Dichloroethene	60.0	238	UD	400	238	793	12/09/25 07:30	VL120825
67-64-1	Acetone	3000	7130	D	400	171	475	12/09/25 07:30	VL120825
75-15-0	Carbon Disulfide	32.0	99.7	UD	400	99.7	623	12/09/25 07:30	VL120825
1634-04-4	Methyl tert-Butyl Ether	92.0	332	UD	400	332	721	12/09/25 07:30	VL120825
75-09-2	Methylene Chloride	92.0	320	UD	400	320	695	12/09/25 07:30	VL120825
156-60-5	trans-1,2-Dichloroethene	48.0	190	UD	400	190	793	12/09/25 07:30	VL120825
75-34-3	1,1-Dichloroethane	52.0	210	UD	400	210	809	12/09/25 07:30	VL120825
110-82-7	Cyclohexane	88.0	303	UD	400	303	688	12/09/25 07:30	VL120825
78-93-3	2-Butanone	22.4	66.1	UD	400	66.1	590	12/09/25 07:30	VL120825
56-23-5	Carbon Tetrachloride	10.0	62.9	UD	400	62.9	75.5	12/09/25 07:30	VL120825
156-59-2	cis-1,2-Dichloroethene	39.6	157	UD	400	157	793	12/09/25 07:30	VL120825
67-66-3	Chloroform	38.4	188	UD	400	188	977	12/09/25 07:30	VL120825
71-55-6	1,1,1-Trichloroethane	6.40	34.9	UD	400	34.9	65.5	12/09/25 07:30	VL120825
540-84-1	2,2,4-Trimethylpentane	56.0	262	UD	400	262	934	12/09/25 07:30	VL120825
71-43-2	Benzene	31.6	101	UD	400	101	639	12/09/25 07:30	VL120825
107-06-2	1,2-Dichloroethane	37.2	151	UD	400	151	809	12/09/25 07:30	VL120825
79-01-6	Trichloroethene	9.60	51.6	UD	400	51.6	64.5	12/09/25 07:30	VL120825
78-87-5	1,2-Dichloropropane	52.0	240	UD	400	240	924	12/09/25 07:30	VL120825
75-27-4	Bromodichloromethane	25.2	169	UD	400	169	1340	12/09/25 07:30	VL120825
108-10-1	4-Methyl-2-Pentanone	38.8	159	UD	400	159	820	12/09/25 07:30	VL120825
108-88-3	Toluene	64.0	241	UD	400	241	754	12/09/25 07:30	VL120825
10061-02-6	t-1,3-Dichloropropene	60.0	272	UD	400	272	908	12/09/25 07:30	VL120825
10061-01-5	cis-1,3-Dichloropropene	44.0	200	UD	400	200	908	12/09/25 07:30	VL120825
79-00-5	1,1,2-Trichloroethane	32.4	177	UD	400	177	1090	12/09/25 07:30	VL120825
124-48-1	Dibromochloromethane	34.0	290	UD	400	290	1700	12/09/25 07:30	VL120825
106-93-4	1,2-Dibromoethane	34.0	261	UD	400	261	307	12/09/25 07:30	VL120825
127-18-4	Tetrachloroethene	6.00	40.7	UD	400	40.7	81.4	12/09/25 07:30	VL120825
108-90-7	Chlorobenzene	30.8	142	UD	400	142	921	12/09/25 07:30	VL120825
100-41-4	Ethyl Benzene	76.0	330	UD	400	330	869	12/09/25 07:30	VL120825
179601-23-1	m/p-Xylene	160	695	UD	400	695	1740	12/09/25 07:30	VL120825
95-47-6	o-Xylene	84.0	365	UD	400	365	869	12/09/25 07:30	VL120825
100-42-5	Styrene	64.0	272	UD	400	272	852	12/09/25 07:30	VL120825
75-25-2	Bromoform	19.2	199	UD	400	199	2070	12/09/25 07:30	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	7.20	49.4	UD	400	49.4	82.4	12/09/25 07:30	VL120825
95-49-8	2-Chlorotoluene	68.0	352	UD	400	352	1040	12/09/25 07:30	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 10-IA-1DL2
Lab Sample ID: Q3799-03DL2
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	72.0	354	UD	400	354	983	12/09/25 07:30	VL120825
95-63-6	1,2,4-Trimethylbenzene	72.0	354	UD	400	354	983	12/09/25 07:30	VL120825
541-73-1	1,3-Dichlorobenzene	21.6	130	UD	400	130	1200	12/09/25 07:30	VL120825
106-46-7	1,4-Dichlorobenzene	52.0	313	UD	400	313	1200	12/09/25 07:30	VL120825
95-50-1	1,2-Dichlorobenzene	52.0	313	UD	400	313	1200	12/09/25 07:30	VL120825
120-82-1	1,2,4-Trichlorobenzene	84.0	624	UD	400	624	1480	12/09/25 07:30	VL120825
87-68-3	Hexachloro-1,3-Butadiene	52.0	555	UD	400	555	2130	12/09/25 07:30	VL120825
106-99-0	1,3-Butadiene	20.4	45.1	UD	400	45.1	442	12/09/25 07:30	VL120825
91-20-3	Naphthalene	5.20	27.3	UD	400	27.3	210	12/09/25 07:30	VL120825
622-96-8	4-Ethyltoluene	84.0	413	UD	400	413	983	12/09/25 07:30	VL120825
110-54-3	Hexane	64.0	226	UD	400	226	705	12/09/25 07:30	VL120825
107-05-1	Allyl Chloride	44.0	138	UD	400	138	626	12/09/25 07:30	VL120825
123-91-1	1,4-Dioxane	88.0	317	UD	400	317	721	12/09/25 07:30	VL120825
80-62-6	Methyl Methacrylate	56.0	229	UD	400	229	819	12/09/25 07:30	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.50		70 (65) - 130 (135)	95% SPK: 10
----------	-------------------------	------	--	---------------------	-------------

INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	122000
540-36-3	1,4-Difluorobenzene	307000
3114-55-4	Chlorobenzene-d5	246000

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: CHADWICK SQUARE
Client Sample ID: 11-IA-1
Lab Sample ID: Q3799-04
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	0.40	1.98	J	1	0.54	2.47	12/08/25 15:37	VL120825
74-87-3	Chloromethane	0.50	1.03		1	0.21	1.03	12/08/25 15:37	VL120825
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	12/08/25 15:37	VL120825
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	12/08/25 15:37	VL120825
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	12/08/25 15:37	VL120825
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	12/08/25 15:37	VL120825
75-69-4	Trichlorofluoromethane	0.23	1.29	J	1	0.96	2.81	12/08/25 15:37	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	12/08/25 15:37	VL120825
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	12/08/25 15:37	VL120825
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	12/08/25 15:37	VL120825
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	12/08/25 15:37	VL120825
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	12/08/25 15:37	VL120825
67-64-1	Acetone	8.00	19.0		1	0.43	1.19	12/08/25 15:37	VL120825
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	12/08/25 15:37	VL120825
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	12/08/25 15:37	VL120825
75-09-2	Methylene Chloride	0.40	1.39	J	1	0.80	1.74	12/08/25 15:37	VL120825
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	12/08/25 15:37	VL120825
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	12/08/25 15:37	VL120825
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	12/08/25 15:37	VL120825
78-93-3	2-Butanone	0.35	1.03	J	1	0.18	1.47	12/08/25 15:37	VL120825
56-23-5	Carbon Tetrachloride	0.090	0.57		1	0.19	0.19	12/08/25 15:37	VL120825
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	12/08/25 15:37	VL120825
67-66-3	Chloroform	0.10	0.49	U	1	0.49	2.44	12/08/25 15:37	VL120825
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	12/08/25 15:37	VL120825
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	12/08/25 15:37	VL120825
71-43-2	Benzene	0.15	0.48	J	1	0.26	1.60	12/08/25 15:37	VL120825
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	12/08/25 15:37	VL120825
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	12/08/25 15:37	VL120825
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	12/08/25 15:37	VL120825
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	12/08/25 15:37	VL120825
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	12/08/25 15:37	VL120825
108-88-3	Toluene	0.26	0.98	J	1	0.60	1.88	12/08/25 15:37	VL120825
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	12/08/25 15:37	VL120825
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	12/08/25 15:37	VL120825
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	12/08/25 15:37	VL120825
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	12/08/25 15:37	VL120825
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	12/08/25 15:37	VL120825
127-18-4	Tetrachloroethene	0.090	0.61		1	0.14	0.20	12/08/25 15:37	VL120825
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	12/08/25 15:37	VL120825
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	12/08/25 15:37	VL120825
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	12/08/25 15:37	VL120825
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	12/08/25 15:37	VL120825
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	12/08/25 15:37	VL120825
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	12/08/25 15:37	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	12/08/25 15:37	VL120825
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	12/08/25 15:37	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 11-IA-1
Lab Sample ID: Q3799-04
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	12/08/25 15:37	VL120825
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	12/08/25 15:37	VL120825
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	12/08/25 15:37	VL120825
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 15:37	VL120825
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 15:37	VL120825
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	12/08/25 15:37	VL120825
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	12/08/25 15:37	VL120825
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	12/08/25 15:37	VL120825
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	12/08/25 15:37	VL120825
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	12/08/25 15:37	VL120825
110-54-3	Hexane	1.20	4.23		1	0.56	1.76	12/08/25 15:37	VL120825
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	12/08/25 15:37	VL120825
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	12/08/25 15:37	VL120825
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	12/08/25 15:37	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.5		70 (65) - 130 (135)	105% SPK: 10
----------	-------------------------	------	--	---------------------	--------------

INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	138000
540-36-3	1,4-Difluorobenzene	354000
3114-55-4	Chlorobenzene-d5	280000

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: CHADWICK SQUARE
Client Sample ID: 13-IA-1
Lab Sample ID: Q3799-05
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	0.40	1.98	J	1	0.54	2.47	12/08/25 16:25	VL120825
74-87-3	Chloromethane	0.46	0.95	J	1	0.21	1.03	12/08/25 16:25	VL120825
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	12/08/25 16:25	VL120825
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	12/08/25 16:25	VL120825
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	12/08/25 16:25	VL120825
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	12/08/25 16:25	VL120825
75-69-4	Trichlorofluoromethane	0.25	1.40	J	1	0.96	2.81	12/08/25 16:25	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	12/08/25 16:25	VL120825
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	12/08/25 16:25	VL120825
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	12/08/25 16:25	VL120825
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	12/08/25 16:25	VL120825
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	12/08/25 16:25	VL120825
67-64-1	Acetone	3.50	8.31		1	0.43	1.19	12/08/25 16:25	VL120825
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	12/08/25 16:25	VL120825
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	12/08/25 16:25	VL120825
75-09-2	Methylene Chloride	0.76	2.64		1	0.80	1.74	12/08/25 16:25	VL120825
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	12/08/25 16:25	VL120825
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	12/08/25 16:25	VL120825
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	12/08/25 16:25	VL120825
78-93-3	2-Butanone	0.26	0.77	J	1	0.18	1.47	12/08/25 16:25	VL120825
56-23-5	Carbon Tetrachloride	0.070	0.44		1	0.19	0.19	12/08/25 16:25	VL120825
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	12/08/25 16:25	VL120825
67-66-3	Chloroform	0.10	0.49	U	1	0.49	2.44	12/08/25 16:25	VL120825
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	12/08/25 16:25	VL120825
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	12/08/25 16:25	VL120825
71-43-2	Benzene	0.21	0.67	J	1	0.26	1.60	12/08/25 16:25	VL120825
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	12/08/25 16:25	VL120825
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	12/08/25 16:25	VL120825
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	12/08/25 16:25	VL120825
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	12/08/25 16:25	VL120825
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	12/08/25 16:25	VL120825
108-88-3	Toluene	0.19	0.72	J	1	0.60	1.88	12/08/25 16:25	VL120825
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	12/08/25 16:25	VL120825
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	12/08/25 16:25	VL120825
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	12/08/25 16:25	VL120825
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	12/08/25 16:25	VL120825
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	12/08/25 16:25	VL120825
127-18-4	Tetrachloroethene	0.050	0.34		1	0.14	0.20	12/08/25 16:25	VL120825
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	12/08/25 16:25	VL120825
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	12/08/25 16:25	VL120825
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	12/08/25 16:25	VL120825
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	12/08/25 16:25	VL120825
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	12/08/25 16:25	VL120825
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	12/08/25 16:25	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	12/08/25 16:25	VL120825
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	12/08/25 16:25	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 13-IA-1
Lab Sample ID: Q3799-05
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	12/08/25 16:25	VL120825
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	12/08/25 16:25	VL120825
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	12/08/25 16:25	VL120825
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 16:25	VL120825
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 16:25	VL120825
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	12/08/25 16:25	VL120825
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	12/08/25 16:25	VL120825
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	12/08/25 16:25	VL120825
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	12/08/25 16:25	VL120825
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	12/08/25 16:25	VL120825
110-54-3	Hexane	2.30	8.11		1	0.56	1.76	12/08/25 16:25	VL120825
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	12/08/25 16:25	VL120825
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	12/08/25 16:25	VL120825
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	12/08/25 16:25	VL120825

SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 10.2 70 (65) - 130 (135) 102% SPK: 10

INTERNAL STANDARDS

Area Count
74-97-5 Bromochloromethane 134000
540-36-3 1,4-Difluorobenzene 345000
3114-55-4 Chlorobenzene-d5 262000

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: CHADWICK SQUARE
Client Sample ID: 16-IA-1
Lab Sample ID: Q3799-06
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	0.42	2.08	J	1	0.54	2.47	12/08/25 17:00	VL120825
74-87-3	Chloromethane	0.74	1.53		1	0.21	1.03	12/08/25 17:00	VL120825
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	12/08/25 17:00	VL120825
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	12/08/25 17:00	VL120825
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	12/08/25 17:00	VL120825
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	12/08/25 17:00	VL120825
75-69-4	Trichlorofluoromethane	0.21	1.18	J	1	0.96	2.81	12/08/25 17:00	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	12/08/25 17:00	VL120825
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	12/08/25 17:00	VL120825
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	12/08/25 17:00	VL120825
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	12/08/25 17:00	VL120825
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	12/08/25 17:00	VL120825
67-64-1	Acetone	29.8	70.8	E	1	0.43	1.19	12/08/25 17:00	VL120825
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	12/08/25 17:00	VL120825
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	12/08/25 17:00	VL120825
75-09-2	Methylene Chloride	7.30	25.4		1	0.80	1.74	12/08/25 17:00	VL120825
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	12/08/25 17:00	VL120825
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	12/08/25 17:00	VL120825
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	12/08/25 17:00	VL120825
78-93-3	2-Butanone	0.44	1.30	J	1	0.18	1.47	12/08/25 17:00	VL120825
56-23-5	Carbon Tetrachloride	0.080	0.50		1	0.19	0.19	12/08/25 17:00	VL120825
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	12/08/25 17:00	VL120825
67-66-3	Chloroform	0.10	0.49	U	1	0.49	2.44	12/08/25 17:00	VL120825
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	12/08/25 17:00	VL120825
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	12/08/25 17:00	VL120825
71-43-2	Benzene	0.20	0.64	J	1	0.26	1.60	12/08/25 17:00	VL120825
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	12/08/25 17:00	VL120825
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	12/08/25 17:00	VL120825
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	12/08/25 17:00	VL120825
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	12/08/25 17:00	VL120825
108-10-1	4-Methyl-2-Pentanone	0.11	0.45	J	1	0.41	2.05	12/08/25 17:00	VL120825
108-88-3	Toluene	0.26	0.98	J	1	0.60	1.88	12/08/25 17:00	VL120825
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	12/08/25 17:00	VL120825
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	12/08/25 17:00	VL120825
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	12/08/25 17:00	VL120825
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	12/08/25 17:00	VL120825
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	12/08/25 17:00	VL120825
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	12/08/25 17:00	VL120825
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	12/08/25 17:00	VL120825
100-41-4	Ethyl Benzene	0.22	0.96	J	1	0.83	2.17	12/08/25 17:00	VL120825
179601-23-1	m/p-Xylene	0.90	3.91	J	1	1.78	4.34	12/08/25 17:00	VL120825
95-47-6	o-Xylene	0.24	1.04	J	1	0.91	2.17	12/08/25 17:00	VL120825
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	12/08/25 17:00	VL120825
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	12/08/25 17:00	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	12/08/25 17:00	VL120825
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	12/08/25 17:00	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 16-IA-1
Lab Sample ID: Q3799-06
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	12/08/25 17:00	VL120825
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	12/08/25 17:00	VL120825
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	12/08/25 17:00	VL120825
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 17:00	VL120825
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 17:00	VL120825
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	12/08/25 17:00	VL120825
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	12/08/25 17:00	VL120825
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	12/08/25 17:00	VL120825
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	12/08/25 17:00	VL120825
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	12/08/25 17:00	VL120825
110-54-3	Hexane	2.70	9.52		1	0.56	1.76	12/08/25 17:00	VL120825
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	12/08/25 17:00	VL120825
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	12/08/25 17:00	VL120825
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	12/08/25 17:00	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.4		70 (65) - 130 (135)	104% SPK: 10
----------	-------------------------	------	--	---------------------	--------------

INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	146000
540-36-3	1,4-Difluorobenzene	393000
3114-55-4	Chlorobenzene-d5	307000

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: CHADWICK SQUARE
Client Sample ID: 16-IA-1DL
Lab Sample ID: Q3799-06DL
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	12/08/25 21:56	VL120825
74-87-3	Chloromethane	0.98	2.02	UD	10	2.02	10.3	12/08/25 21:56	VL120825
75-01-4	Vinyl Chloride	0.25	0.64	UD	10	0.64	0.77	12/08/25 21:56	VL120825
74-83-9	Bromomethane	0.77	2.99	UD	10	2.99	19.4	12/08/25 21:56	VL120825
75-00-3	Chloroethane	1.50	3.96	UD	10	3.96	13.2	12/08/25 21:56	VL120825
109-99-9	Tetrahydrofuran	0.80	2.36	UD	10	2.36	14.8	12/08/25 21:56	VL120825
75-69-4	Trichlorofluoromethane	1.70	9.55	UD	10	9.55	28.1	12/08/25 21:56	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	10.7	UD	10	10.7	38.3	12/08/25 21:56	VL120825
76-14-2	Dichlorotetrafluoroethane	1.50	10.5	UD	10	10.5	35.0	12/08/25 21:56	VL120825
75-65-0	tert-Butyl alcohol	1.60	4.85	UD	10	4.85	15.2	12/08/25 21:56	VL120825
142-82-5	Heptane	1.70	6.97	UD	10	6.97	20.5	12/08/25 21:56	VL120825
75-35-4	1,1-Dichloroethene	1.50	5.95	UD	10	5.95	19.8	12/08/25 21:56	VL120825
67-64-1	Acetone	35.0	83.1	D	10	4.28	11.9	12/08/25 21:56	VL120825
75-15-0	Carbon Disulfide	0.80	2.49	UD	10	2.49	15.6	12/08/25 21:56	VL120825
1634-04-4	Methyl tert-Butyl Ether	2.30	8.29	UD	10	8.29	18.0	12/08/25 21:56	VL120825
75-09-2	Methylene Chloride	9.10	31.6	D	10	7.99	17.4	12/08/25 21:56	VL120825
156-60-5	trans-1,2-Dichloroethene	1.20	4.76	UD	10	4.76	19.8	12/08/25 21:56	VL120825
75-34-3	1,1-Dichloroethane	1.30	5.26	UD	10	5.26	20.2	12/08/25 21:56	VL120825
110-82-7	Cyclohexane	2.20	7.57	UD	10	7.57	17.2	12/08/25 21:56	VL120825
78-93-3	2-Butanone	0.56	1.65	UD	10	1.65	14.8	12/08/25 21:56	VL120825
56-23-5	Carbon Tetrachloride	0.25	1.57	UD	10	1.57	1.89	12/08/25 21:56	VL120825
156-59-2	cis-1,2-Dichloroethene	0.99	3.93	UD	10	3.93	19.8	12/08/25 21:56	VL120825
67-66-3	Chloroform	0.96	4.69	UD	10	4.69	24.4	12/08/25 21:56	VL120825
71-55-6	1,1,1-Trichloroethane	0.16	0.87	UD	10	0.87	1.64	12/08/25 21:56	VL120825
540-84-1	2,2,4-Trimethylpentane	1.40	6.54	UD	10	6.54	23.4	12/08/25 21:56	VL120825
71-43-2	Benzene	0.79	2.52	UD	10	2.52	16.0	12/08/25 21:56	VL120825
107-06-2	1,2-Dichloroethane	0.93	3.76	UD	10	3.76	20.2	12/08/25 21:56	VL120825
79-01-6	Trichloroethene	0.24	1.29	UD	10	1.29	1.61	12/08/25 21:56	VL120825
78-87-5	1,2-Dichloropropane	1.30	6.01	UD	10	6.01	23.1	12/08/25 21:56	VL120825
75-27-4	Bromodichloromethane	0.63	4.22	UD	10	4.22	33.5	12/08/25 21:56	VL120825
108-10-1	4-Methyl-2-Pentanone	0.97	3.98	UD	10	3.98	20.5	12/08/25 21:56	VL120825
108-88-3	Toluene	1.60	6.03	UD	10	6.03	18.8	12/08/25 21:56	VL120825
10061-02-6	t-1,3-Dichloropropene	1.50	6.81	UD	10	6.81	22.7	12/08/25 21:56	VL120825
10061-01-5	cis-1,3-Dichloropropene	1.10	4.99	UD	10	4.99	22.7	12/08/25 21:56	VL120825
79-00-5	1,1,2-Trichloroethane	0.81	4.42	UD	10	4.42	27.3	12/08/25 21:56	VL120825
124-48-1	Dibromochloromethane	0.85	7.24	UD	10	7.24	42.6	12/08/25 21:56	VL120825
106-93-4	1,2-Dibromoethane	0.85	6.53	UD	10	6.53	7.69	12/08/25 21:56	VL120825
127-18-4	Tetrachloroethene	0.15	1.02	UD	10	1.02	2.03	12/08/25 21:56	VL120825
108-90-7	Chlorobenzene	0.77	3.55	UD	10	3.55	23.0	12/08/25 21:56	VL120825
100-41-4	Ethyl Benzene	1.90	8.25	UD	10	8.25	21.7	12/08/25 21:56	VL120825
179601-23-1	m/p-Xylene	4.10	17.8	UD	10	17.8	43.4	12/08/25 21:56	VL120825
95-47-6	o-Xylene	2.10	9.12	UD	10	9.12	21.7	12/08/25 21:56	VL120825
100-42-5	Styrene	1.60	6.81	UD	10	6.81	21.3	12/08/25 21:56	VL120825
75-25-2	Bromoform	0.48	4.96	UD	10	4.96	51.7	12/08/25 21:56	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.18	1.24	UD	10	1.24	2.06	12/08/25 21:56	VL120825
95-49-8	2-Chlorotoluene	1.70	8.80	UD	10	8.80	25.9	12/08/25 21:56	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 16-IA-1DL
Lab Sample ID: Q3799-06DL
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	1.80	8.85	UD	10	8.85	24.6	12/08/25 21:56	VL120825
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85	UD	10	8.85	24.6	12/08/25 21:56	VL120825
541-73-1	1,3-Dichlorobenzene	0.54	3.25	UD	10	3.25	30.1	12/08/25 21:56	VL120825
106-46-7	1,4-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	12/08/25 21:56	VL120825
95-50-1	1,2-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	12/08/25 21:56	VL120825
120-82-1	1,2,4-Trichlorobenzene	2.10	15.6	UD	10	15.6	37.1	12/08/25 21:56	VL120825
87-68-3	Hexachloro-1,3-Butadiene	1.30	13.9	UD	10	13.9	53.3	12/08/25 21:56	VL120825
106-99-0	1,3-Butadiene	0.51	1.13	UD	10	1.13	11.1	12/08/25 21:56	VL120825
91-20-3	Naphthalene	0.13	0.68	UD	10	0.68	5.24	12/08/25 21:56	VL120825
622-96-8	4-Ethyltoluene	2.10	10.3	UD	10	10.3	24.6	12/08/25 21:56	VL120825
110-54-3	Hexane	2.40	8.46	JD	10	5.64	17.6	12/08/25 21:56	VL120825
107-05-1	Allyl Chloride	1.10	3.44	UD	10	3.44	15.7	12/08/25 21:56	VL120825
123-91-1	1,4-Dioxane	2.20	7.93	UD	10	7.93	18.0	12/08/25 21:56	VL120825
80-62-6	Methyl Methacrylate	1.40	5.73	UD	10	5.73	20.5	12/08/25 21:56	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.90		70 (65) - 130 (135)	99% SPK: 10
----------	-------------------------	------	--	---------------------	-------------

INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	128000
540-36-3	1,4-Difluorobenzene	317000
3114-55-4	Chlorobenzene-d5	248000

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.: Q3799

Client: RTP Environmental

Analytical Method: SWTO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3799-01	AA-1	1-Bromo-4-Fluorobenzene	10	10.2	102		70 (65)	130 (135)
Q3799-01DUP	AA-1DUP	1-Bromo-4-Fluorobenzene	10	9.82	98		70 (65)	130 (135)
Q3799-02	9B-IA-1	1-Bromo-4-Fluorobenzene	10	10.3	103		70 (65)	130 (135)
Q3799-03	10-IA-1	1-Bromo-4-Fluorobenzene	10	10.4	104		70 (65)	130 (135)
Q3799-03DL	10-IA-1DL	1-Bromo-4-Fluorobenzene	10	9.74	97		70 (65)	130 (135)
Q3799-03DL2	10-IA-1DL2	1-Bromo-4-Fluorobenzene	10	9.53	95		70 (65)	130 (135)
Q3799-04	11-IA-1	1-Bromo-4-Fluorobenzene	10	10.5	105		70 (65)	130 (135)
Q3799-05	13-IA-1	1-Bromo-4-Fluorobenzene	10	10.2	102		70 (65)	130 (135)
Q3799-06	16-IA-1	1-Bromo-4-Fluorobenzene	10	10.4	104		70 (65)	130 (135)
Q3799-06DL	16-IA-1DL	1-Bromo-4-Fluorobenzene	10	9.90	99		70 (65)	130 (135)
VL1208ABL01	VL1208ABL01	1-Bromo-4-Fluorobenzene	10	9.05	91		70 (65)	130 (135)
VL1208ABS01	VL1208ABS01	1-Bromo-4-Fluorobenzene	10	10.1	101		70 (65)	130 (135)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3799	Analytical Method:	SWTO-15
Client:	RTP Environmental	Datafile :	VL043307.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VL1208ABS01	Dichlorodifluoromethane	10	10.8	ppbv	108			40 (70)	160 (130)	
	Chloromethane	10	10.4	ppbv	104			40 (70)	160 (130)	
	Vinyl Chloride	10	9.20	ppbv	92			70 (70)	130 (130)	
	Bromomethane	10	9.30	ppbv	93			40 (70)	160 (130)	
	Chloroethane	10	9.90	ppbv	99			40 (70)	160 (130)	
	Tetrahydrofuran	10	9.70	ppbv	97			70 (70)	130 (130)	
	Trichlorofluoromethane	10	11.2	ppbv	112			40 (70)	160 (130)	
	1,1,2-Trichlorotrifluoroethane	10	11.2	ppbv	112			70 (70)	130 (130)	
	Dichlorotetrafluoroethane	10	10.6	ppbv	106			70 (70)	130 (130)	
	tert-Butyl Alcohol	10	8.90	ppbv	89			70 (70)	130 (130)	
	Heptane	10	9.40	ppbv	94			70 (70)	130 (130)	
	1,1-Dichloroethene	10	10.2	ppbv	102			70 (70)	130 (130)	
	Acetone	10	8.60	ppbv	86			40 (70)	160 (130)	
	Carbon disulfide	10	11.1	ppbv	111			40 (70)	160 (130)	
	Methyl tert-butyl Ether	10	9.40	ppbv	94			70 (70)	130 (130)	
	Methylene Chloride	10	11.6	ppbv	116			70 (70)	130 (130)	
	trans-1,2-Dichloroethene	10	10.3	ppbv	103			70 (70)	130 (130)	
	1,1-Dichloroethane	10	10.5	ppbv	105			70 (70)	130 (130)	
	Cyclohexane	10	9.70	ppbv	97			70 (70)	130 (130)	
	2-Butanone	10	10.3	ppbv	103			40 (70)	160 (130)	
	Carbon Tetrachloride	10	12.1	ppbv	121			70 (70)	130 (130)	
	cis-1,2-Dichloroethene	10	9.90	ppbv	99			70 (70)	130 (130)	
	Chloroform	10	11.7	ppbv	117			70 (70)	130 (130)	
	1,1,1-Trichloroethane	10	10.9	ppbv	109			70 (70)	130 (130)	
	2,2,4-Trimethylpentane	10	10.8	ppbv	108			70 (70)	130 (130)	
	Benzene	10	11.2	ppbv	112			70 (70)	130 (130)	
	1,2-Dichloroethane	10	11.9	ppbv	119			70 (70)	130 (130)	
	Trichloroethene	10	11.5	ppbv	115			70 (70)	130 (130)	
	1,2-Dichloropropane	10	10.9	ppbv	109			70 (70)	130 (130)	
	Bromodichloromethane	10	12.0	ppbv	120			70 (70)	130 (130)	
	4-Methyl-2-Pentanone	10	10.0	ppbv	100			40 (70)	160 (130)	
	Toluene	10	10.3	ppbv	103			70 (70)	130 (130)	
	t-1,3-Dichloropropene	10	7.80	ppbv	78			70 (70)	130 (130)	
	cis-1,3-Dichloropropene	10	8.30	ppbv	83			70 (70)	130 (130)	
	1,1,2-Trichloroethane	10	11.6	ppbv	116			70 (70)	130 (130)	
	Dibromochloromethane	10	11.8	ppbv	118			70 (70)	130 (130)	
	1,2-Dibromoethane	10	10.5	ppbv	105			70 (70)	130 (130)	
	Tetrachloroethene	10	11.1	ppbv	111			70 (70)	130 (130)	
	Chlorobenzene	10	11.9	ppbv	119			70 (70)	130 (130)	
	Ethyl Benzene	10	11.2	ppbv	112			70 (70)	130 (130)	
	m/p-Xylene	20	23.5	ppbv	117			70 (70)	130 (130)	
	o-Xylene	10	11.6	ppbv	116			70 (70)	130 (130)	
	Styrene	10	9.90	ppbv	99			70 (70)	130 (130)	
	Bromoform	10	12.2	ppbv	122			70 (70)	130 (130)	
	1,1,2,2-Tetrachloroethane	10	11.6	ppbv	116			70 (70)	130 (130)	
	2-Chlorotoluene	10	11.0	ppbv	110			70 (70)	130 (130)	
	1,3,5-Trimethylbenzene	10	11.4	ppbv	114			70 (70)	130 (130)	
	1,2,4-Trimethylbenzene	10	11.5	ppbv	115			70 (70)	130 (130)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3799</u>	Analytical Method:	<u>SWTO-15</u>
Client:	<u>RTP Environmental</u>	Datafile :	<u>VL043307.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VL1208ABS01	1,3-Dichlorobenzene	10	11.8	ppbv	118			70 (70)	130 (130)	
	1,4-Dichlorobenzene	10	11.9	ppbv	119			70 (70)	130 (130)	
	1,2-Dichlorobenzene	10	11.8	ppbv	118			70 (70)	130 (130)	
	1,2,4-Trichlorobenzene	10	11.9	ppbv	119			70 (70)	130 (130)	
	Hexachloro-1,3-butadiene	10	10.9	ppbv	109			70 (70)	130 (130)	
	Naphthalene	10	10.7	ppbv	107			40 (70)	160 (130)	
	1,3-Butadiene	10	9.60	ppbv	96			70 (70)	130 (130)	
	4-Ethyltoluene	10	11.5	ppbv	115			70 (70)	130 (130)	
	Hexane	10	9.90	ppbv	99			70 (70)	130 (130)	
	Allyl Chloride	10	8.80	ppbv	88			70 (70)	130 (130)	
	1,4-Dioxane	10	8.70	ppbv	87			40 (70)	160 (130)	
	Methyl methacrylate	10	9.70	ppbv	97			70 (70)	130 (130)	

Duplicate Sample Summary

Lab Sample Id :	Q3799-01DUP	Q3799-01
Client Id :	AA-1DUP	AA-1
DF :	1	1
Datafile :	VL043311.D	VL043310.D
Anal Date & Time :	12/08/2025 13:16	12/08/2025 12:40

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	0	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	0.51	0.5	2
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0	0	0
4-Methyl-2-Pentanone	0	0	0
Acetone	4.8	4.8	0
Allyl Chloride	0	0	0
Benzene	0.16	0.18	11.8
Bromodichloromethane	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0	0	0
Carbon Tetrachloride	0.09	0.09	0

Duplicate Sample Summary

Lab Sample Id :	Q3799-01DUP	Q3799-01
Client Id :	AA-1DUP	AA-1
DF :	1	1
Datafile :	VL043311.D	VL043310.D
Anal Date & Time :	12/08/2025 13:16	12/08/2025 12:40

Parameter	Result	Result	RPD
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	0.15	0.15	0
Chloromethane	2.1	2.2	4.7
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	0	0	0
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.41	0.39	5
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	0	0	0
Heptane	0	0	0
Hexachloro-1,3-Butadiene	0	0	0
Hexane	1.4	1.2	15.4
m/p-Xylene	0	0	0
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	3.3	2.4	31.6 *
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	0	0
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0	0
Trichlorofluoromethane	0.2	0.21	4.9
Vinyl Chloride	0	0	0

VOLATILE METHOD BLANK SUMMARY

Client ID

VL1208ABL01

Lab Name: Alliance

Contract: RTPE01

Lab Code: ACE

SDG NO.: Q3799

Lab File ID: VL043306.D

Lab Sample ID: VL1208ABL01

Date Analyzed: 12/08/2025

Time Analyzed: 09:36

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
VL1208ABS01	VL1208ABS01	VL043307.D	12/08/2025
AA-1	Q3799-01	VL043310.D	12/08/2025
AA-1DUP	Q3799-01DUP	VL043311.D	12/08/2025
9B-IA-1	Q3799-02	VL043312.D	12/08/2025
10-IA-1	Q3799-03	VL043313.D	12/08/2025
11-IA-1	Q3799-04	VL043314.D	12/08/2025
13-IA-1	Q3799-05	VL043315.D	12/08/2025
16-IA-1	Q3799-06	VL043316.D	12/08/2025
10-IA-1DL	Q3799-03DL	VL043322.D	12/08/2025
16-IA-1DL	Q3799-06DL	VL043324.D	12/08/2025
10-IA-1DL2	Q3799-03DL2	VL043331.D	12/09/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VL043202.D
Instrument ID: MSVOA_L
GC Column: RTX-1 ID: 0.32 (mm)

Contract: RTPE01
SDG NO.: Q3799
BFB Injection Date: 11/18/2025
BFB Injection Time: 08:46
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	22.1
75	30.0 - 66.0% of mass 95	55.6
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	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	63.6
175	4.0 - 9.0% of mass 174	5 (7.8) 1
176	93.0 - 101.0% of mass 174	60.7 (95.5) 1
177	5.0 - 9.0% of mass 176	4 (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
VSTDIC0.5	VSTDIC0.5	VL043203.D	11/18/2025	09:29
VSTDIC0.10	VSTDIC0.10	VL043204.D	11/18/2025	10:02
VSTDIC0.02	VSTDIC0.02	VL043205.D	11/18/2025	10:37
VSTDIC0.01	VSTDIC0.01	VL043206.D	11/18/2025	11:10
VSTDIC0.1	VSTDIC0.1	VL043208.D	11/18/2025	12:16
VSTDIC0.03	VSTDIC0.03	VL043209.D	11/18/2025	12:49
VSTDIC0.15	VSTDIC0.15	VL043210.D	11/18/2025	13:24

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: RTPE01

Lab Code: ACE

SDG NO.: Q3799

Lab File ID: VL043304.D

BFB Injection Date: 12/08/2025

Instrument ID: MSVOA_L

BFB Injection Time: 07:56

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	22.8
75	30.0 - 66.0% of mass 95	55.8
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	67.2
175	4.0 - 9.0% of mass 174	5.2 (7.8) 1
176	93.0 - 101.0% of mass 174	63.1 (93.8) 1
177	5.0 - 9.0% of mass 176	4.3 (6.8) 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	VL043305.D	12/08/2025	08:44
VL1208ABL01	VL1208ABL01	VL043306.D	12/08/2025	09:36
VL1208ABS01	VL1208ABS01	VL043307.D	12/08/2025	10:24
AA-1	Q3799-01	VL043310.D	12/08/2025	12:40
AA-1DUP	Q3799-01DUP	VL043311.D	12/08/2025	13:16
9B-IA-1	Q3799-02	VL043312.D	12/08/2025	13:52
10-IA-1	Q3799-03	VL043313.D	12/08/2025	14:29
11-IA-1	Q3799-04	VL043314.D	12/08/2025	15:37
13-IA-1	Q3799-05	VL043315.D	12/08/2025	16:25
16-IA-1	Q3799-06	VL043316.D	12/08/2025	17:00
10-IA-1DL	Q3799-03DL	VL043322.D	12/08/2025	20:50
16-IA-1DL	Q3799-06DL	VL043324.D	12/08/2025	21:56
10-IA-1DL2	Q3799-03DL2	VL043331.D	12/09/2025	07:30

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: RTPE01
 Lab Code: ACE SDG NO.: Q3799
 Lab File ID: VL043305.D Date Analyzed: 12/08/2025
 Instrument ID: MSVOA_L Time Analyzed: 08:44
 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	129333	2.78	319801	3.95	246102	8.87
UPPER LIMIT	181066	3.11	447721	4.28	344543	9.20
LOWER LIMIT	77599.8	2.45	191881	3.62	147661	8.54
EPA SAMPLE NO.						
AA-1	151890	2.78	389995	3.95	311445	8.87
AA-1DUP	155357	2.78	397814	3.95	318793	8.87
9B-IA-1	137082	2.78	357699	3.95	281919	8.88
10-IA-1	142316	2.78	361997	3.96	299956	8.87
10-IA-1DL	129360	2.78	324163	3.94	261825	8.87
10-IA-1DL2	122404	2.78	307022	3.95	245820	8.87
11-IA-1	138499	2.78	354324	3.95	279503	8.87
13-IA-1	133616	2.78	344933	3.94	261904	8.87
16-IA-1	146093	2.78	393021	3.95	306652	8.87
16-IA-1DL	127959	2.78	316604	3.95	248177	8.87
VL1208ABL01	125653	2.78	312886	3.95	239807	8.87
VL1208ABS01	128373	2.78	319254	3.95	250711	8.87

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

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: VL1208ABL01
Lab Sample ID: VL1208ABL01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3799
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	12/08/25 09:36	VL120825
74-87-3	Chloromethane	0.10	0.21	U	1	0.21	1.03	12/08/25 09:36	VL120825
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	12/08/25 09:36	VL120825
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	12/08/25 09:36	VL120825
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	12/08/25 09:36	VL120825
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	12/08/25 09:36	VL120825
75-69-4	Trichlorofluoromethane	0.17	0.96	U	1	0.96	2.81	12/08/25 09:36	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	12/08/25 09:36	VL120825
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	12/08/25 09:36	VL120825
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	12/08/25 09:36	VL120825
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	12/08/25 09:36	VL120825
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	12/08/25 09:36	VL120825
67-64-1	Acetone	0.18	0.43	U	1	0.43	1.19	12/08/25 09:36	VL120825
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	12/08/25 09:36	VL120825
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	12/08/25 09:36	VL120825
75-09-2	Methylene Chloride	0.23	0.80	U	1	0.80	1.74	12/08/25 09:36	VL120825
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	12/08/25 09:36	VL120825
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	12/08/25 09:36	VL120825
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	12/08/25 09:36	VL120825
78-93-3	2-Butanone	0.060	0.18	U	1	0.18	1.47	12/08/25 09:36	VL120825
56-23-5	Carbon Tetrachloride	0.030	0.19	U	1	0.19	0.19	12/08/25 09:36	VL120825
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	12/08/25 09:36	VL120825
67-66-3	Chloroform	0.10	0.49	U	1	0.49	2.44	12/08/25 09:36	VL120825
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	12/08/25 09:36	VL120825
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	12/08/25 09:36	VL120825
71-43-2	Benzene	0.080	0.26	U	1	0.26	1.60	12/08/25 09:36	VL120825
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	12/08/25 09:36	VL120825
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	12/08/25 09:36	VL120825
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	12/08/25 09:36	VL120825
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	12/08/25 09:36	VL120825
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	12/08/25 09:36	VL120825
108-88-3	Toluene	0.16	0.60	U	1	0.60	1.88	12/08/25 09:36	VL120825
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	12/08/25 09:36	VL120825
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	12/08/25 09:36	VL120825
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	12/08/25 09:36	VL120825
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	12/08/25 09:36	VL120825
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	12/08/25 09:36	VL120825
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	12/08/25 09:36	VL120825
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	12/08/25 09:36	VL120825
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	12/08/25 09:36	VL120825
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	12/08/25 09:36	VL120825
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	12/08/25 09:36	VL120825
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	12/08/25 09:36	VL120825
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	12/08/25 09:36	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	12/08/25 09:36	VL120825
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	12/08/25 09:36	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: VL1208ABL01
Lab Sample ID: VL1208ABL01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3799
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	12/08/25 09:36	VL120825
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	12/08/25 09:36	VL120825
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	12/08/25 09:36	VL120825
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 09:36	VL120825
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 09:36	VL120825
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	12/08/25 09:36	VL120825
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	12/08/25 09:36	VL120825
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	12/08/25 09:36	VL120825
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	12/08/25 09:36	VL120825
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	12/08/25 09:36	VL120825
110-54-3	Hexane	0.16	0.56	U	1	0.56	1.76	12/08/25 09:36	VL120825
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	12/08/25 09:36	VL120825
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	12/08/25 09:36	VL120825
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	12/08/25 09:36	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.10		70 (65) - 130 (135)	91% SPK: 10
----------	-------------------------	------	--	---------------------	-------------

INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	126000
540-36-3	1,4-Difluorobenzene	313000
3114-55-4	Chlorobenzene-d5	240000

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: CHADWICK SQUARE
Client Sample ID: VL1208ABS01
Lab Sample ID: VL1208ABS01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3799
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	12/08/25 10:24	VL120825
74-87-3	Chloromethane	10.4	21.5		1	0.21	1.03	12/08/25 10:24	VL120825
75-01-4	Vinyl Chloride	9.20	23.5		1	0.080	0.080	12/08/25 10:24	VL120825
74-83-9	Bromomethane	9.30	36.1		1	0.31	1.94	12/08/25 10:24	VL120825
75-00-3	Chloroethane	9.90	26.1		1	0.40	1.32	12/08/25 10:24	VL120825
109-99-9	Tetrahydrofuran	9.70	28.6		1	0.24	1.47	12/08/25 10:24	VL120825
75-69-4	Trichlorofluoromethane	11.2	62.9		1	0.96	2.81	12/08/25 10:24	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	11.2	85.8		1	1.07	3.83	12/08/25 10:24	VL120825
76-14-2	Dichlorotetrafluoroethane	10.6	74.1		1	1.05	3.49	12/08/25 10:24	VL120825
75-65-0	tert-Butyl alcohol	8.90	27.0		1	0.49	1.52	12/08/25 10:24	VL120825
142-82-5	Heptane	9.40	38.5		1	0.70	2.05	12/08/25 10:24	VL120825
75-35-4	1,1-Dichloroethene	10.2	40.4		1	0.59	1.98	12/08/25 10:24	VL120825
67-64-1	Acetone	8.60	20.4		1	0.43	1.19	12/08/25 10:24	VL120825
75-15-0	Carbon Disulfide	11.1	34.6		1	0.25	1.56	12/08/25 10:24	VL120825
1634-04-4	Methyl tert-Butyl Ether	9.40	33.9		1	0.83	1.80	12/08/25 10:24	VL120825
75-09-2	Methylene Chloride	11.6	40.3		1	0.80	1.74	12/08/25 10:24	VL120825
156-60-5	trans-1,2-Dichloroethene	10.3	40.8		1	0.48	1.98	12/08/25 10:24	VL120825
75-34-3	1,1-Dichloroethane	10.5	42.5		1	0.53	2.02	12/08/25 10:24	VL120825
110-82-7	Cyclohexane	9.70	33.4		1	0.76	1.72	12/08/25 10:24	VL120825
78-93-3	2-Butanone	10.3	30.4		1	0.18	1.47	12/08/25 10:24	VL120825
56-23-5	Carbon Tetrachloride	12.1	76.1		1	0.19	0.19	12/08/25 10:24	VL120825
156-59-2	cis-1,2-Dichloroethene	9.90	39.3		1	0.40	1.98	12/08/25 10:24	VL120825
67-66-3	Chloroform	11.7	57.1		1	0.49	2.44	12/08/25 10:24	VL120825
71-55-6	1,1,1-Trichloroethane	10.9	59.5		1	0.11	0.16	12/08/25 10:24	VL120825
540-84-1	2,2,4-Trimethylpentane	10.8	50.4		1	0.65	2.34	12/08/25 10:24	VL120825
71-43-2	Benzene	11.2	35.8		1	0.26	1.60	12/08/25 10:24	VL120825
107-06-2	1,2-Dichloroethane	11.9	48.2		1	0.36	2.02	12/08/25 10:24	VL120825
79-01-6	Trichloroethene	11.5	61.8		1	0.11	0.16	12/08/25 10:24	VL120825
78-87-5	1,2-Dichloropropane	10.9	50.4		1	0.60	2.31	12/08/25 10:24	VL120825
75-27-4	Bromodichloromethane	12.0	80.4		1	0.40	3.35	12/08/25 10:24	VL120825
108-10-1	4-Methyl-2-Pentanone	10.0	41.0		1	0.41	2.05	12/08/25 10:24	VL120825
108-88-3	Toluene	10.3	38.8		1	0.60	1.88	12/08/25 10:24	VL120825
10061-02-6	t-1,3-Dichloropropene	7.80	35.4		1	0.68	2.27	12/08/25 10:24	VL120825
10061-01-5	cis-1,3-Dichloropropene	8.30	37.7		1	0.50	2.27	12/08/25 10:24	VL120825
79-00-5	1,1,2-Trichloroethane	11.6	63.3		1	0.44	2.73	12/08/25 10:24	VL120825
124-48-1	Dibromochloromethane	11.8	101		1	0.77	4.26	12/08/25 10:24	VL120825
106-93-4	1,2-Dibromoethane	10.5	80.7		1	0.69	0.77	12/08/25 10:24	VL120825
127-18-4	Tetrachloroethene	11.1	75.3		1	0.14	0.20	12/08/25 10:24	VL120825
108-90-7	Chlorobenzene	11.9	54.8		1	0.37	2.30	12/08/25 10:24	VL120825
100-41-4	Ethyl Benzene	11.2	48.6		1	0.83	2.17	12/08/25 10:24	VL120825
179601-23-1	m/p-Xylene	23.5	102		1	1.78	4.34	12/08/25 10:24	VL120825
95-47-6	o-Xylene	11.6	50.4		1	0.91	2.17	12/08/25 10:24	VL120825
100-42-5	Styrene	9.90	42.1		1	0.68	2.13	12/08/25 10:24	VL120825
75-25-2	Bromoform	12.2	126		1	0.52	5.17	12/08/25 10:24	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	11.6	79.7		1	0.14	0.21	12/08/25 10:24	VL120825
95-49-8	2-Chlorotoluene	11.0	57.0		1	0.88	2.59	12/08/25 10:24	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: VL1208ABS01
Lab Sample ID: VL1208ABS01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3799
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	11.4	56.0	1	0.88		2.46	12/08/25 10:24	VL120825
95-63-6	1,2,4-Trimethylbenzene	11.5	56.5	1	0.88		2.46	12/08/25 10:24	VL120825
541-73-1	1,3-Dichlorobenzene	11.8	70.9	1	0.30		3.01	12/08/25 10:24	VL120825
106-46-7	1,4-Dichlorobenzene	11.9	71.5	1	0.78		3.01	12/08/25 10:24	VL120825
95-50-1	1,2-Dichlorobenzene	11.8	70.9	1	0.78		3.01	12/08/25 10:24	VL120825
120-82-1	1,2,4-Trichlorobenzene	11.9	88.3	1	1.56		3.71	12/08/25 10:24	VL120825
87-68-3	Hexachloro-1,3-Butadiene	10.9	116	1	1.39		5.33	12/08/25 10:24	VL120825
106-99-0	1,3-Butadiene	9.60	21.2	1	0.11		1.11	12/08/25 10:24	VL120825
91-20-3	Naphthalene	10.7	56.1	1	0.050		0.52	12/08/25 10:24	VL120825
622-96-8	4-Ethyltoluene	11.5	56.5	1	1.03		2.46	12/08/25 10:24	VL120825
110-54-3	Hexane	9.90	34.9	1	0.56		1.76	12/08/25 10:24	VL120825
107-05-1	Allyl Chloride	8.80	27.5	1	0.34		1.57	12/08/25 10:24	VL120825
123-91-1	1,4-Dioxane	8.70	31.4	1	0.79		1.80	12/08/25 10:24	VL120825
80-62-6	Methyl Methacrylate	9.70	39.7	1	0.57		2.05	12/08/25 10:24	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.1		70 (65) - 130 (135)	101% SPK: 10
----------	-------------------------	------	--	---------------------	--------------

INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	128000
540-36-3	1,4-Difluorobenzene	319000
3114-55-4	Chlorobenzene-d5	251000

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: CHADWICK SQUARE
Client Sample ID: AA-1DUP
Lab Sample ID: Q3799-01DUP
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3799
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	0.41	2.03	J	1	0.54	2.47	12/08/25 13:16	VL120825
74-87-3	Chloromethane	2.10	4.34		1	0.21	1.03	12/08/25 13:16	VL120825
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	12/08/25 13:16	VL120825
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	12/08/25 13:16	VL120825
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	12/08/25 13:16	VL120825
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	12/08/25 13:16	VL120825
75-69-4	Trichlorofluoromethane	0.20	1.12	J	1	0.96	2.81	12/08/25 13:16	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	12/08/25 13:16	VL120825
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	12/08/25 13:16	VL120825
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	12/08/25 13:16	VL120825
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	12/08/25 13:16	VL120825
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	12/08/25 13:16	VL120825
67-64-1	Acetone	4.80	11.4		1	0.43	1.19	12/08/25 13:16	VL120825
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	12/08/25 13:16	VL120825
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	12/08/25 13:16	VL120825
75-09-2	Methylene Chloride	3.30	11.5		1	0.80	1.74	12/08/25 13:16	VL120825
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	12/08/25 13:16	VL120825
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	12/08/25 13:16	VL120825
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	12/08/25 13:16	VL120825
78-93-3	2-Butanone	0.51	1.50		1	0.18	1.47	12/08/25 13:16	VL120825
56-23-5	Carbon Tetrachloride	0.090	0.57		1	0.19	0.19	12/08/25 13:16	VL120825
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	12/08/25 13:16	VL120825
67-66-3	Chloroform	0.15	0.73	J	1	0.49	2.44	12/08/25 13:16	VL120825
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	12/08/25 13:16	VL120825
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	12/08/25 13:16	VL120825
71-43-2	Benzene	0.16	0.51	J	1	0.26	1.60	12/08/25 13:16	VL120825
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	12/08/25 13:16	VL120825
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	12/08/25 13:16	VL120825
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	12/08/25 13:16	VL120825
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	12/08/25 13:16	VL120825
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	12/08/25 13:16	VL120825
108-88-3	Toluene	0.16	0.60	U	1	0.60	1.88	12/08/25 13:16	VL120825
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	12/08/25 13:16	VL120825
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	12/08/25 13:16	VL120825
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	12/08/25 13:16	VL120825
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	12/08/25 13:16	VL120825
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	12/08/25 13:16	VL120825
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	12/08/25 13:16	VL120825
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	12/08/25 13:16	VL120825
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	12/08/25 13:16	VL120825
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	12/08/25 13:16	VL120825
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	12/08/25 13:16	VL120825
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	12/08/25 13:16	VL120825
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	12/08/25 13:16	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	12/08/25 13:16	VL120825
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	12/08/25 13:16	VL120825

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: AA-1DUP
Lab Sample ID: Q3799-01DUP
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3799
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	12/08/25 13:16	VL120825
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	12/08/25 13:16	VL120825
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	12/08/25 13:16	VL120825
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 13:16	VL120825
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	12/08/25 13:16	VL120825
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	12/08/25 13:16	VL120825
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	12/08/25 13:16	VL120825
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	12/08/25 13:16	VL120825
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	12/08/25 13:16	VL120825
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	12/08/25 13:16	VL120825
110-54-3	Hexane	1.40	4.93		1	0.56	1.76	12/08/25 13:16	VL120825
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	12/08/25 13:16	VL120825
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	12/08/25 13:16	VL120825
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	12/08/25 13:16	VL120825

SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 9.80 70 (65) - 130 (135) 98% SPK: 10

INTERNAL STANDARDS

Area Count
74-97-5 Bromochloromethane 155000
540-36-3 1,4-Difluorobenzene 398000
3114-55-4 Chlorobenzene-d5 319000

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 : VL111825AIR.M

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

Last Update : Wed Nov 19 01:11:25 2025

Response Via : Initial Calibration

Calibration Files

0.03=VL043209.D 0.1 =VL043208.D 0.5 =VL043203.D 1 =VL043206.D 2 =VL043205.D 10 =VL043204.D 15 =VL043210.D

Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD

1) I Bromochloromethane	-----ISTD-----								
2) T Dichlorodifluo...			1.398	1.505	1.476	1.340	1.334	1.410	5.53
3) Chlorodifluoro...			1.545	1.404	1.437	1.317	1.231	1.387	8.60
4) Chloromethane			0.521	0.559	0.568	0.498	0.489	0.527	6.72
5) T Vinyl Chloride	0.724	0.655	0.533	0.580	0.575	0.486	0.483	0.577	15.33
6) T Bromomethane			0.300	0.302	0.286	0.253	0.258	0.280	8.30
7) Chloroethane			0.246	0.248	0.236	0.194	0.199	0.225	11.59
8) T Dichlorotetra...			1.156	1.241	1.262	1.091	1.116	1.173	6.43
9) T Propene			0.677	0.598	0.621	0.501	0.548	0.589	11.44
10) T Heptane			2.106	1.804	1.728	1.604	1.522	1.753	12.87
11) T Trichlorofluor...			1.238	1.515	1.487	1.240	1.352	1.367	9.62
12) T 1,1,2-Trichlor...			1.061	1.142	1.115	0.987	1.029	1.067	5.92
13) Ethanol			0.215	0.231	0.252	0.166	0.172	0.207	17.99
14) T Bromoethene			0.448	0.423	0.436	0.362	0.376	0.409	9.29
15) T Acetone			1.721	1.591	1.519	1.032	1.085	1.389	22.41
16) T 1,3-Butadiene			0.745	0.629	0.626	0.551	0.546	0.619	13.01
17) tert-Butyl alc...			1.784	2.014	1.880	1.705	1.735	1.824	6.87
18) T 1,1-Dichloroet...			0.555	0.530	0.515	0.441	0.443	0.497	10.52
19) T Isopropyl Alcohol			0.848	0.861	0.823	0.684	0.709	0.785	10.51
20) T Methylene Chlo...			0.906	0.710	0.585	0.398	0.403	0.600	35.87
21) T Allyl Chloride			1.139	0.895	0.936	0.849	0.855	0.935	12.75
22) T trans-1,2-Dich...			0.605	0.614	0.599	0.499	0.521	0.568	9.39
23) T Vinyl Acetate			1.885	1.632	1.682	1.622	1.565	1.677	7.36
24) T 1,1-Dichloroet...			1.050	1.173	1.194	1.018	1.044	1.096	7.42
25) T Ethyl Acetate			3.371	3.123	3.074	2.759	2.655	2.996	9.68
26) T Hexane			1.374	1.424	1.375	1.235	1.161	1.314	8.44
27) T Carbon Disulfide			1.303	1.424	1.432	1.257	1.291	1.341	6.03
28) T Methyl tert-Bu...			0.642	0.704	0.674	0.591	0.614	0.645	7.02
29) T Chloroform			1.955	1.898	1.928	1.785	1.770	1.867	4.52
30) T Cyclohexane			1.135	1.194	1.130	1.024	1.024	1.101	6.80
31) T cis-1,2-Dichlo...			1.399	1.351	1.322	1.240	1.217	1.306	5.83
32) T 1,1,1-Trichlor...	2.116	2.046	1.970	2.018	2.033	1.884	1.865	1.990	4.52

33) I 1,4-Difluorobenzene	-----ISTD-----								
34) T 2-Butanone			0.744	0.751	0.736	0.644	0.655	0.706	7.38
35) T Carbon Tetrach...	0.832	0.765	0.779	0.771	0.737	0.708	0.721	0.759	5.51
36) T Benzene			0.996	1.001	0.986	0.905	0.900	0.958	5.28
37) T 1,2-Dichloroet...			0.572	0.580	0.565	0.531	0.553	0.560	3.39
38) T Trichloroethene	0.293	0.475	0.390	0.388	0.371	0.353	0.353	0.375	14.65
39) T 1,2-Dichloropr...			0.372	0.364	0.350	0.335	0.332	0.351	4.97

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\											
Method File : VL111825AIR.M											
40)	T	1,4-Dioxane			0.180	0.166	0.155	0.142	0.144	0.158	10.04
41)	T	Tetrahydrofuran			0.418	0.401	0.402	0.367	0.360	0.390	6.32
42)	T	Bromodichlorom...			0.782	0.795	0.783	0.745	0.758	0.773	2.63
43)		Methyl Methacr...			0.576	0.532	0.511	0.462	0.462	0.508	9.55
44)	T	2,2,4-Trimethy...			1.746	1.765	1.621	1.555	1.537	1.645	6.47
45)	T	t-1,3-Dichloro...			0.495	0.472	0.489	0.455	0.458	0.474	3.79
46)	T	cis-1,3-Dichlo...			0.599	0.557	0.562	0.534	0.529	0.556	5.00
47)	T	1,1,2-Trichlor...			0.424	0.372	0.378	0.344	0.342	0.372	8.91
48)	T	Dibromochlorom...			0.629	0.666	0.663	0.618	0.621	0.640	3.63
49)	T	Bromoform			0.583	0.569	0.581	0.555	0.545	0.566	2.86
50)	T	4-Methyl-2-Pen...			1.025	1.061	1.027	0.946	0.914	0.994	6.19
51)	T	2-Hexanone			0.782	0.805	0.816	0.734	0.724	0.772	5.37
52)	T	Tetrachloroethene	0.363	0.424	0.344	0.362	0.349	0.329	0.323	0.356	9.37
53)	T	Toluene			1.198	1.182	1.146	1.075	1.069	1.134	5.26
54)	T	1,2-Dibromoethane		0.528	0.587	0.569	0.549	0.525	0.526	0.547	4.79
-----ISTD-----											
55)	I	Chlorobenzene-d5									
56)		1,1,1,2-Tetrac...			0.791	0.769	0.761	0.677	0.677	0.735	7.34
57)	T	Chlorobenzene			1.035	1.088	1.089	0.969	0.953	1.027	6.24
58)	T	Ethyl Benzene			1.927	2.038	2.008	1.821	1.830	1.925	5.16
59)	T	m/p-Xylene			1.618	1.611	1.607	1.434	1.446	1.543	6.12
60)	T	o-Xylene			1.584	1.625	1.659	1.419	1.421	1.542	7.42
61)	T	Styrene			0.669	0.690	0.719	0.648	0.647	0.675	4.54
62)		Isopropylbenzene			2.807	2.946	2.945	2.556	2.536	2.758	7.31
63)	T	1,1,2,2-Tetrac...	0.999	1.034	1.016	1.012	1.028	0.891	0.884	0.981	6.58
64)		n-propylbenzene			0.722	0.758	0.757	0.657	0.649	0.709	7.47
65)		tert-Butylbenzene			2.583	2.687	2.646	2.224	2.176	2.463	9.90
66)	T	Benzyl Chloride			0.275	0.251	0.257	0.241	0.225	0.250	7.36
67)		sec-Butylbenzene			3.588	3.728	3.697	3.108	3.070	3.438	9.40
68)	S	1-Bromo-4-Fluo...	0.712	0.725	0.729	0.733	0.741	0.735	0.757	0.733	1.90
69)		p-Isopropyltol...			2.994	3.070	3.197	2.660	2.641	2.912	8.58
70)		n-Butylbenzene			2.676	3.041	3.125	2.639	2.647	2.825	8.39
71)		2-Chlorotoluene			2.198	2.257	2.210	1.960	1.975	2.120	6.65
72)	T	4-Ethyltoluene			1.934	1.948	2.009	1.749	1.747	1.877	6.46
73)	T	1,3,5-Trimethy...			1.623	1.682	1.662	1.456	1.454	1.575	7.09
74)	T	1,2,4-Trimethy...			1.796	1.844	1.871	1.548	1.537	1.719	9.51
75)	T	1,3-Dichlorobe...			1.043	1.053	1.061	0.937	0.922	1.003	6.78
76)	T	1,4-Dichlorobe...			1.056	1.033	1.060	0.940	0.930	1.003	6.34
77)	T	1,2-Dichlorobe...			0.974	1.064	1.050	0.872	0.863	0.965	9.83
78)	T	Hexachloro-1,3...			0.854	0.899	0.920	0.686	0.666	0.805	14.94
79)	T	Naphthalene		1.230	1.483	1.599	1.860	1.496	1.493	1.527	13.35
80)	T	Naphthalene,2-...			0.397	0.323	0.448	0.397	0.439	0.401	12.30
81)	T	1,2,4-Trichlor...			0.549	0.692	0.813	0.678	0.682	0.683	13.72

(#) = Out of Range

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>RTPE01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3799</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>12/08/2025 08:44</u>
Lab File ID:	<u>VL043305.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:29 13:24</u>
GC Column:	<u>RTX-1</u>	ID:	<u>0.32</u> (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.410	1.501		6.45	30
Chloromethane	0.527	0.540		2.47	30
Vinyl Chloride	0.577	0.526		-8.84	30
Bromomethane	0.280	0.255		-8.93	30
Chloroethane	0.225	0.217		-3.56	30
Tetrahydrofuran	0.390	0.375		-3.85	30
Trichlorofluoromethane	1.367	1.556		13.83	30
1,1,2-Trichlorotrifluoroethane	1.067	1.193		11.81	30
Dichlorotetrafluoroethane	1.173	1.224		4.35	30
tert-Butyl alcohol	1.824	1.625		-10.91	30
Heptane	1.753	1.655		-5.59	30
1,1-Dichloroethene	0.497	0.521		4.83	30
Acetone	1.389	1.192		-14.18	30
Carbon Disulfide	1.341	1.459		8.8	30
Methyl tert-Butyl Ether	0.645	0.654		1.39	30
Methylene Chloride	0.600	0.470		-21.67	30
trans-1,2-Dichloroethene	0.568	0.584		2.82	30
1,1-Dichloroethane	1.096	1.133		3.38	30
Cyclohexane	1.101	1.072		-2.63	30
2-Butanone	0.706	0.734		3.97	30
Carbon Tetrachloride	0.759	0.922		21.48	30
cis-1,2-Dichloroethene	1.306	1.287		-1.46	30
Chloroform	1.867	2.168		16.12	30
1,1,1-Trichloroethane	1.990	2.167		8.89	30
2,2,4-Trimethylpentane	1.645	1.794		9.06	30
Benzene	0.958	1.061		10.75	30
1,2-Dichloroethane	0.560	0.657		17.32	30
Trichloroethene	0.375	0.424		13.07	30
1,2-Dichloropropane	0.351	0.379		7.98	30
Bromodichloromethane	0.773	0.938		21.34	30
4-Methyl-2-Pentanone	0.994	0.969		-2.52	30
Toluene	1.134	1.153		1.67	30
t-1,3-Dichloropropene	0.474	0.366		-22.78	30
cis-1,3-Dichloropropene	0.556	0.457		-17.81	30
1,1,2-Trichloroethane	0.372	0.423		13.71	30
Dibromochloromethane	0.640	0.752		17.5	30
1,2-Dibromoethane	0.547	0.579		5.85	30
Tetrachloroethene	0.356	0.385		8.15	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>Q3799</u>
Instrument ID:	<u>MSVOA_L</u>	Calibration Date/Time:	<u>12/08/2025 08:44</u>
Lab File ID:	<u>VL043305.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:29 13:24</u>
GC Column:	<u>RTX-1</u>	ID:	<u>0.32</u> (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	1.027	1.226		19.38	30
Ethyl Benzene	1.925	2.145		11.43	30
m/p-Xylene	1.543	1.823		18.15	30
o-Xylene	1.542	1.819		17.96	30
Styrene	0.675	0.679		0.59	30
Bromoform	0.566	0.681		20.32	30
1,1,2,2-Tetrachloroethane	0.981	1.179		20.18	30
2-Chlorotoluene	2.120	2.393		12.88	30
1,3,5-Trimethylbenzene	1.575	1.812		15.05	30
1,2,4-Trimethylbenzene	1.719	2.029		18.03	30
1,3-Dichlorobenzene	1.003	1.213		20.94	30
1,4-Dichlorobenzene	1.003	1.212		20.84	30
1,2-Dichlorobenzene	0.965	1.164		20.62	30
1,2,4-Trichlorobenzene	0.683	0.821		20.2	30
Hexachloro-1,3-Butadiene	0.805	0.897		11.43	30
1,3-Butadiene	0.619	0.595		-3.88	30
Naphthalene	1.527	1.639		7.34	30
4-Ethyltoluene	1.877	2.192		16.78	30
1-Bromo-4-Fluorobenzene	0.733	0.753		2.73	30
Hexane	1.314	1.300		-1.07	30
Allyl Chloride	0.935	0.818		-12.51	30
1,4-Dioxane	157.566	139.218		-11.65	30
Methyl Methacrylate	0.508	0.476		-6.3	30

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