

Report of Analysis

Client:	RTP Environmental	Date Collected:	09/17/25
Project:	CHADWICK SQUARE	Date Received:	09/17/25
Client Sample ID:	151-1A-2	SDG No.:	Q3132
Lab Sample ID:	Q3132-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042980.D	1		09/23/25 04:44	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
TARGETS						
75-71-8	Dichlorodifluoromethane	0.46	2.27	J	0.54	2.47
74-87-3	Chloromethane	0.49	1.01	J	0.21	1.03
75-01-4	Vinyl Chloride	0.030	0.080	U	0.080	0.080
74-83-9	Bromomethane	0.080	0.31	U	0.31	1.94
75-00-3	Chloroethane	0.15	0.40	U	0.40	1.32
109-99-9	Tetrahydrofuran	0.15	0.44	J	0.24	1.47
75-69-4	Trichlorofluoromethane	0.46	2.59	J	0.96	2.81
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1.07	3.83
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1.05	3.49
75-65-0	tert-Butyl alcohol	0.16	0.49	U	0.49	1.52
142-82-5	Heptane	0.28	1.15	J	0.70	2.05
75-35-4	1,1-Dichloroethene	0.15	0.59	U	0.59	1.98
67-64-1	Acetone	12.6	29.9		0.43	1.19
75-15-0	Carbon Disulfide	0.080	0.25	U	0.25	1.56
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	0.83	1.80
75-09-2	Methylene Chloride	0.66	2.29		0.80	1.74
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	0.48	1.98
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02
110-82-7	Cyclohexane	0.23	0.79	J	0.76	1.72
78-93-3	2-Butanone	0.54	1.59		0.18	1.47
56-23-5	Carbon Tetrachloride	0.070	0.44		0.19	0.19
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	0.40	1.98
67-66-3	Chloroform	0.93	4.54		0.49	2.44
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	0.11	0.16
540-84-1	2,2,4-Trimethylpentane	0.23	1.07	J	0.65	2.34
71-43-2	Benzene	0.45	1.44	J	0.26	1.60
107-06-2	1,2-Dichloroethane	0.21	0.85	J	0.36	2.02
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16
78-87-5	1,2-Dichloropropane	0.13	0.60	U	0.60	2.31
75-27-4	Bromodichloromethane	0.060	0.40	U	0.40	3.35
108-10-1	4-Methyl-2-Pentanone	0.11	0.45	J	0.41	2.05
108-88-3	Toluene	1.30	4.90		0.60	1.88
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	0.68	2.27
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	0.50	2.27
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	0.44	2.73

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124-48-1	Dibromochloromethane	0.090	0.77	U	0.77	4.26
106-93-4	1,2-Dibromoethane	0.090	0.69	U	0.69	0.77
127-18-4	Tetrachloroethene	0.030	0.20		0.14	0.20
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30
100-41-4	Ethyl Benzene	0.24	1.04	J	0.83	2.17
179601-23-1	m/p-Xylene	0.83	3.61	J	1.78	4.34
95-47-6	o-Xylene	0.26	1.13	J	0.91	2.17
100-42-5	Styrene	0.19	0.81	J	0.68	2.13
75-25-2	Bromoform	0.050	0.52	U	0.52	5.17
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	0.14	0.21
95-49-8	2-Chlorotoluene	0.17	0.88	U	0.88	2.59
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	U	0.88	2.46
95-63-6	1,2,4-Trimethylbenzene	0.24	1.18	J	0.88	2.46
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	0.30	3.01
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	0.78	3.01
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	0.78	3.01
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1.56	3.71
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1.39	5.33
106-99-0	1,3-Butadiene	0.050	0.11	U	0.11	1.11
91-20-3	Naphthalene	0.010	0.050	U	0.050	0.52
622-96-8	4-Ethyltoluene	0.21	1.03	U	1.03	2.46
110-54-3	Hexane	3.40	12.0		0.56	1.76
107-05-1	Allyl Chloride	0.11	0.34	U	0.34	1.57
123-91-1	1,4-Dioxane	0.22	0.79	U	0.79	1.80
80-62-6	Methyl Methacrylate	0.14	0.57	U	0.57	2.05
SURROGATES						
460-00-4	1-Bromo-4-Fluorobenzene	10.5			70 (65) - 130 (135)	105% SPK: 10
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	145000		2.79		
540-36-3	1,4-Difluorobenzene	414000		3.962		
3114-55-4	Chlorobenzene-d5	363000		8.885		

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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