

Report of Analysis

Client:	RTP Environmental	Date Collected:	09/17/25
Project:	CHADWICK SQUARE	Date Received:	09/17/25
Client Sample ID:	141-1A-2DL	SDG No.:	Q3131
Lab Sample ID:	Q3131-02DL	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
VL042977.D	10		09/23/25 02:57	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
TARGETS						
75-71-8	Dichlorodifluoromethane	4.20	20.8	JD	5.44	24.7
74-87-3	Chloromethane	0.98	2.02	UD	2.02	10.3
75-01-4	Vinyl Chloride	0.25	0.64	UD	0.64	0.77
74-83-9	Bromomethane	0.77	2.99	UD	2.99	19.4
75-00-3	Chloroethane	1.50	3.96	UD	3.96	13.2
109-99-9	Tetrahydrofuran	0.80	2.36	UD	2.36	14.8
75-69-4	Trichlorofluoromethane	1.70	9.55	UD	9.55	28.1
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	10.7	UD	10.7	38.3
76-14-2	Dichlorotetrafluoroethane	1.50	10.5	UD	10.5	35.0
75-65-0	tert-Butyl alcohol	1.60	4.85	UD	4.85	15.2
142-82-5	Heptane	1.70	6.97	UD	6.97	20.5
75-35-4	1,1-Dichloroethene	1.50	5.95	UD	5.95	19.8
67-64-1	Acetone	20.2	48.0	D	4.28	11.9
75-15-0	Carbon Disulfide	0.80	2.49	UD	2.49	15.6
1634-04-4	Methyl tert-Butyl Ether	2.30	8.29	UD	8.29	18.0
75-09-2	Methylene Chloride	2.30	7.99	UD	7.99	17.4
156-60-5	trans-1,2-Dichloroethene	1.20	4.76	UD	4.76	19.8
75-34-3	1,1-Dichloroethane	1.30	5.26	UD	5.26	20.2
110-82-7	Cyclohexane	2.20	7.57	UD	7.57	17.2
78-93-3	2-Butanone	1.50	4.42	JD	1.65	14.8
56-23-5	Carbon Tetrachloride	0.25	1.57	UD	1.57	1.89
156-59-2	cis-1,2-Dichloroethene	0.99	3.93	UD	3.93	19.8
67-66-3	Chloroform	0.96	4.69	UD	4.69	24.4
71-55-6	1,1,1-Trichloroethane	0.16	0.87	UD	0.87	1.64
540-84-1	2,2,4-Trimethylpentane	1.40	6.54	UD	6.54	23.4
71-43-2	Benzene	0.79	2.52	UD	2.52	16.0
107-06-2	1,2-Dichloroethane	0.93	3.76	UD	3.76	20.2
79-01-6	Trichloroethene	0.24	1.29	UD	1.29	1.61
78-87-5	1,2-Dichloropropane	1.30	6.01	UD	6.01	23.1
75-27-4	Bromodichloromethane	0.63	4.22	UD	4.22	33.5
108-10-1	4-Methyl-2-Pentanone	0.97	3.98	UD	3.98	20.5
108-88-3	Toluene	1.90	7.16	JD	6.03	18.8
10061-02-6	t-1,3-Dichloropropene	1.50	6.81	UD	6.81	22.7
10061-01-5	cis-1,3-Dichloropropene	1.10	4.99	UD	4.99	22.7
79-00-5	1,1,2-Trichloroethane	0.81	4.42	UD	4.42	27.3

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124-48-1	Dibromochloromethane	0.85	7.24	UD	7.24	42.6
106-93-4	1,2-Dibromoethane	0.85	6.53	UD	6.53	7.69
127-18-4	Tetrachloroethene	0.15	1.02	UD	1.02	2.03
108-90-7	Chlorobenzene	0.77	3.55	UD	3.55	23.0
100-41-4	Ethyl Benzene	1.90	8.25	UD	8.25	21.7
179601-23-1	m/p-Xylene	4.10	17.8	UD	17.8	43.4
95-47-6	o-Xylene	2.10	9.12	UD	9.12	21.7
100-42-5	Styrene	1.60	6.81	UD	6.81	21.3
75-25-2	Bromoform	0.48	4.96	UD	4.96	51.7
79-34-5	1,1,2,2-Tetrachloroethane	0.18	1.24	UD	1.24	2.06
95-49-8	2-Chlorotoluene	1.70	8.80	UD	8.80	25.9
108-67-8	1,3,5-Trimethylbenzene	1.80	8.85	UD	8.85	24.6
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85	UD	8.85	24.6
541-73-1	1,3-Dichlorobenzene	0.54	3.25	UD	3.25	30.1
106-46-7	1,4-Dichlorobenzene	1.30	7.82	UD	7.82	30.1
95-50-1	1,2-Dichlorobenzene	1.30	7.82	UD	7.82	30.1
120-82-1	1,2,4-Trichlorobenzene	2.10	15.6	UD	15.6	37.1
87-68-3	Hexachloro-1,3-Butadiene	1.30	13.9	UD	13.9	53.3
106-99-0	1,3-Butadiene	0.51	1.13	UD	1.13	11.1
91-20-3	Naphthalene	0.13	0.68	UD	0.68	5.24
622-96-8	4-Ethyltoluene	2.10	10.3	UD	10.3	24.6
110-54-3	Hexane	6.20	21.9	D	5.64	17.6
107-05-1	Allyl Chloride	1.10	3.44	UD	3.44	15.7
123-91-1	1,4-Dioxane	2.20	7.93	UD	7.93	18.0
80-62-6	Methyl Methacrylate	1.40	5.73	UD	5.73	20.5
SURROGATES						
460-00-4	1-Bromo-4-Fluorobenzene	10.2			70 (65) - 130 (135)	102% SPK: 10
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	144000		2.787		
540-36-3	1,4-Difluorobenzene	413000		3.959		
3114-55-4	Chlorobenzene-d5	358000		8.881		

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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