

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 12-SG-2DL
Lab Sample ID: Q3626-08DL
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/11/25
Date Received: 11/12/25
SDG No.: Q3626
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	0.55	2.72	UD	5	2.72	12.4	11/19/25 22:39	VL111925
74-87-3	Chloromethane	0.49	1.01	UD	5	1.01	5.16	11/19/25 22:39	VL111925
75-01-4	Vinyl Chloride	0.13	0.33	UD	5	0.33	0.38	11/19/25 22:39	VL111925
74-83-9	Bromomethane	0.39	1.51	UD	5	1.51	9.71	11/19/25 22:39	VL111925
75-00-3	Chloroethane	0.75	1.98	UD	5	1.98	6.60	11/19/25 22:39	VL111925
109-99-9	Tetrahydrofuran	0.40	1.18	UD	5	1.18	7.37	11/19/25 22:39	VL111925
75-69-4	Trichlorofluoromethane	0.85	4.78	UD	5	4.78	14.1	11/19/25 22:39	VL111925
76-13-1	1,1,2-Trichlorotrifluoroethane	0.70	5.37	UD	5	5.37	19.2	11/19/25 22:39	VL111925
76-14-2	Dichlorotetrafluoroethane	0.75	5.24	UD	5	5.24	17.5	11/19/25 22:39	VL111925
75-65-0	tert-Butyl alcohol	0.80	2.43	UD	5	2.43	7.58	11/19/25 22:39	VL111925
142-82-5	Heptane	0.85	3.48	UD	5	3.48	10.3	11/19/25 22:39	VL111925
75-35-4	1,1-Dichloroethene	0.75	2.97	UD	5	2.97	9.91	11/19/25 22:39	VL111925
67-64-1	Acetone	32.3	76.7	D	5	2.14	5.94	11/19/25 22:39	VL111925
75-15-0	Carbon Disulfide	0.40	1.25	UD	5	1.25	7.79	11/19/25 22:39	VL111925
1634-04-4	Methyl tert-Butyl Ether	1.20	4.33	UD	5	4.33	9.01	11/19/25 22:39	VL111925
75-09-2	Methylene Chloride	25.4	88.2	D	5	4.17	8.69	11/19/25 22:39	VL111925
156-60-5	trans-1,2-Dichloroethene	0.60	2.38	UD	5	2.38	9.91	11/19/25 22:39	VL111925
75-34-3	1,1-Dichloroethane	0.65	2.63	UD	5	2.63	10.1	11/19/25 22:39	VL111925
110-82-7	Cyclohexane	1.10	3.79	UD	5	3.79	8.61	11/19/25 22:39	VL111925
78-93-3	2-Butanone	0.59	1.74	JD	5	0.83	7.37	11/19/25 22:39	VL111925
56-23-5	Carbon Tetrachloride	0.13	0.82	UD	5	0.82	0.94	11/19/25 22:39	VL111925
156-59-2	cis-1,2-Dichloroethene	0.50	1.98	UD	5	1.98	9.91	11/19/25 22:39	VL111925
67-66-3	Chloroform	0.48	2.34	UD	5	2.34	12.2	11/19/25 22:39	VL111925
71-55-6	1,1,1-Trichloroethane	0.080	0.44	UD	5	0.44	0.82	11/19/25 22:39	VL111925
540-84-1	2,2,4-Trimethylpentane	0.70	3.27	UD	5	3.27	11.7	11/19/25 22:39	VL111925
71-43-2	Benzene	0.40	1.28	UD	5	1.28	7.99	11/19/25 22:39	VL111925
107-06-2	1,2-Dichloroethane	0.47	1.90	UD	5	1.90	10.1	11/19/25 22:39	VL111925
79-01-6	Trichloroethene	0.12	0.64	UD	5	0.64	0.81	11/19/25 22:39	VL111925
78-87-5	1,2-Dichloropropane	0.65	3.00	UD	5	3.00	11.6	11/19/25 22:39	VL111925
75-27-4	Bromodichloromethane	0.32	2.14	UD	5	2.14	16.8	11/19/25 22:39	VL111925
108-10-1	4-Methyl-2-Pentanone	0.49	2.01	UD	5	2.01	10.3	11/19/25 22:39	VL111925
108-88-3	Toluene	0.80	3.01	UD	5	3.01	9.42	11/19/25 22:39	VL111925
10061-02-6	t-1,3-Dichloropropene	0.75	3.40	UD	5	3.40	11.3	11/19/25 22:39	VL111925
10061-01-5	cis-1,3-Dichloropropene	0.55	2.50	UD	5	2.50	11.3	11/19/25 22:39	VL111925
79-00-5	1,1,2-Trichloroethane	0.41	2.24	UD	5	2.24	13.6	11/19/25 22:39	VL111925
124-48-1	Dibromochloromethane	0.43	3.66	UD	5	3.66	21.3	11/19/25 22:39	VL111925
106-93-4	1,2-Dibromoethane	0.43	3.30	UD	5	3.30	3.84	11/19/25 22:39	VL111925
127-18-4	Tetrachloroethene	24.5	166	D	5	0.54	1.02	11/19/25 22:39	VL111925
108-90-7	Chlorobenzene	0.39	1.80	UD	5	1.80	11.5	11/19/25 22:39	VL111925
100-41-4	Ethyl Benzene	0.95	4.13	UD	5	4.13	10.9	11/19/25 22:39	VL111925
179601-23-1	m/p-Xylene	2.10	9.12	UD	5	9.12	21.7	11/19/25 22:39	VL111925
95-47-6	o-Xylene	1.10	4.78	UD	5	4.78	10.9	11/19/25 22:39	VL111925
100-42-5	Styrene	0.80	3.41	UD	5	3.41	10.6	11/19/25 22:39	VL111925
75-25-2	Bromoform	0.24	2.48	UD	5	2.48	25.9	11/19/25 22:39	VL111925
79-34-5	1,1,2,2-Tetrachloroethane	0.090	0.62	UD	5	0.62	1.03	11/19/25 22:39	VL111925
95-49-8	2-Chlorotoluene	0.85	4.40	UD	5	4.40	12.9	11/19/25 22:39	VL111925

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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	0.90	4.42	UD	5	4.42	12.3	11/19/25 22:39	VL111925
95-63-6	1,2,4-Trimethylbenzene	0.90	4.42	UD	5	4.42	12.3	11/19/25 22:39	VL111925
541-73-1	1,3-Dichlorobenzene	0.27	1.62	UD	5	1.62	15.0	11/19/25 22:39	VL111925
106-46-7	1,4-Dichlorobenzene	0.65	3.91	UD	5	3.91	15.0	11/19/25 22:39	VL111925
95-50-1	1,2-Dichlorobenzene	0.65	3.91	UD	5	3.91	15.0	11/19/25 22:39	VL111925
120-82-1	1,2,4-Trichlorobenzene	1.10	8.17	UD	5	8.17	18.6	11/19/25 22:39	VL111925
87-68-3	Hexachloro-1,3-Butadiene	0.65	6.93	UD	5	6.93	26.7	11/19/25 22:39	VL111925
106-99-0	1,3-Butadiene	0.26	0.58	UD	5	0.58	5.53	11/19/25 22:39	VL111925
91-20-3	Naphthalene	0.070	0.37	UD	5	0.37	2.62	11/19/25 22:39	VL111925
622-96-8	4-Ethyltoluene	1.10	5.41	UD	5	5.41	12.3	11/19/25 22:39	VL111925
110-54-3	Hexane	9.80	34.5	D	5	2.82	8.81	11/19/25 22:39	VL111925
107-05-1	Allyl Chloride	0.55	1.72	UD	5	1.72	7.83	11/19/25 22:39	VL111925
123-91-1	1,4-Dioxane	1.10	3.96	UD	5	3.96	9.01	11/19/25 22:39	VL111925
80-62-6	Methyl Methacrylate	0.70	2.87	UD	5	2.87	10.2	11/19/25 22:39	VL111925

SURROGATES

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

	Area Count	
74-97-5	Bromochloromethane	100000
540-36-3	1,4-Difluorobenzene	270000
3114-55-4	Chlorobenzene-d5	209000

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