

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 10-SG-1DL
Lab Sample ID: Q3626-05DL
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	2.20	10.9	UD	20	10.9	49.5	11/19/25 22:07	VL111925
74-87-3	Chloromethane	2.00	4.13	UD	20	4.13	20.6	11/19/25 22:07	VL111925
75-01-4	Vinyl Chloride	0.50	1.28	UD	20	1.28	1.53	11/19/25 22:07	VL111925
74-83-9	Bromomethane	1.50	5.82	UD	20	5.82	38.8	11/19/25 22:07	VL111925
75-00-3	Chloroethane	3.00	7.92	UD	20	7.92	26.4	11/19/25 22:07	VL111925
109-99-9	Tetrahydrofuran	1.60	4.72	UD	20	4.72	29.5	11/19/25 22:07	VL111925
75-69-4	Trichlorofluoromethane	3.40	19.1	UD	20	19.1	56.2	11/19/25 22:07	VL111925
76-13-1	1,1,2-Trichlorotrifluoroethane	2.80	21.5	UD	20	21.5	76.7	11/19/25 22:07	VL111925
76-14-2	Dichlorotetrafluoroethane	3.00	21.0	UD	20	21.0	69.9	11/19/25 22:07	VL111925
75-65-0	tert-Butyl alcohol	3.20	9.70	UD	20	9.70	30.3	11/19/25 22:07	VL111925
142-82-5	Heptane	3.40	13.9	UD	20	13.9	41.0	11/19/25 22:07	VL111925
75-35-4	1,1-Dichloroethene	3.00	11.9	UD	20	11.9	39.6	11/19/25 22:07	VL111925
67-64-1	Acetone	210	499	D	20	8.55	23.8	11/19/25 22:07	VL111925
75-15-0	Carbon Disulfide	1.60	4.98	UD	20	4.98	31.1	11/19/25 22:07	VL111925
1634-04-4	Methyl tert-Butyl Ether	4.60	16.6	UD	20	16.6	36.0	11/19/25 22:07	VL111925
75-09-2	Methylene Chloride	4.60	16.0	UD	20	16.0	34.7	11/19/25 22:07	VL111925
156-60-5	trans-1,2-Dichloroethene	2.40	9.52	UD	20	9.52	39.6	11/19/25 22:07	VL111925
75-34-3	1,1-Dichloroethane	2.60	10.5	UD	20	10.5	40.5	11/19/25 22:07	VL111925
110-82-7	Cyclohexane	4.40	15.2	UD	20	15.2	34.4	11/19/25 22:07	VL111925
78-93-3	2-Butanone	2.10	6.19	JD	20	3.24	29.5	11/19/25 22:07	VL111925
56-23-5	Carbon Tetrachloride	0.50	3.15	UD	20	3.15	3.77	11/19/25 22:07	VL111925
156-59-2	cis-1,2-Dichloroethene	2.00	7.93	UD	20	7.93	39.6	11/19/25 22:07	VL111925
67-66-3	Chloroform	1.90	9.28	UD	20	9.28	48.8	11/19/25 22:07	VL111925
71-55-6	1,1,1-Trichloroethane	0.32	1.75	UD	20	1.75	3.27	11/19/25 22:07	VL111925
540-84-1	2,2,4-Trimethylpentane	2.80	13.1	UD	20	13.1	46.7	11/19/25 22:07	VL111925
71-43-2	Benzene	1.60	5.11	UD	20	5.11	31.9	11/19/25 22:07	VL111925
107-06-2	1,2-Dichloroethane	1.90	7.69	UD	20	7.69	40.5	11/19/25 22:07	VL111925
79-01-6	Trichloroethene	2.10	11.3	D	20	2.58	3.22	11/19/25 22:07	VL111925
78-87-5	1,2-Dichloropropane	2.60	12.0	UD	20	12.0	46.2	11/19/25 22:07	VL111925
75-27-4	Bromodichloromethane	1.30	8.71	UD	20	8.71	67.0	11/19/25 22:07	VL111925
108-10-1	4-Methyl-2-Pentanone	1.90	7.79	UD	20	7.79	41.0	11/19/25 22:07	VL111925
108-88-3	Toluene	3.20	12.1	UD	20	12.1	37.7	11/19/25 22:07	VL111925
10061-02-6	t-1,3-Dichloropropene	3.00	13.6	UD	20	13.6	45.4	11/19/25 22:07	VL111925
10061-01-5	cis-1,3-Dichloropropene	2.20	9.99	UD	20	9.99	45.4	11/19/25 22:07	VL111925
79-00-5	1,1,2-Trichloroethane	1.60	8.73	UD	20	8.73	54.6	11/19/25 22:07	VL111925
124-48-1	Dibromochloromethane	1.70	14.5	UD	20	14.5	85.2	11/19/25 22:07	VL111925
106-93-4	1,2-Dibromoethane	1.70	13.1	UD	20	13.1	15.4	11/19/25 22:07	VL111925
127-18-4	Tetrachloroethene	130	882	D	20	2.03	4.07	11/19/25 22:07	VL111925
108-90-7	Chlorobenzene	1.50	6.91	UD	20	6.91	46.0	11/19/25 22:07	VL111925
100-41-4	Ethyl Benzene	3.80	16.5	UD	20	16.5	43.4	11/19/25 22:07	VL111925
179601-23-1	m/p-Xylene	8.20	35.6	UD	20	35.6	86.9	11/19/25 22:07	VL111925
95-47-6	o-Xylene	4.20	18.2	UD	20	18.2	43.4	11/19/25 22:07	VL111925
100-42-5	Styrene	3.20	13.6	UD	20	13.6	42.6	11/19/25 22:07	VL111925
75-25-2	Bromoform	0.96	9.93	UD	20	9.93	103	11/19/25 22:07	VL111925
79-34-5	1,1,2,2-Tetrachloroethane	0.36	2.47	UD	20	2.47	4.12	11/19/25 22:07	VL111925
95-49-8	2-Chlorotoluene	3.40	17.6	UD	20	17.6	51.8	11/19/25 22:07	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	3.60	17.7	UD	20	17.7	49.2	11/19/25 22:07	VL111925
95-63-6	1,2,4-Trimethylbenzene	3.60	17.7	UD	20	17.7	49.2	11/19/25 22:07	VL111925
541-73-1	1,3-Dichlorobenzene	1.10	6.61	UD	20	6.61	60.1	11/19/25 22:07	VL111925
106-46-7	1,4-Dichlorobenzene	2.60	15.6	UD	20	15.6	60.1	11/19/25 22:07	VL111925
95-50-1	1,2-Dichlorobenzene	2.60	15.6	UD	20	15.6	60.1	11/19/25 22:07	VL111925
120-82-1	1,2,4-Trichlorobenzene	4.20	31.2	UD	20	31.2	74.2	11/19/25 22:07	VL111925
87-68-3	Hexachloro-1,3-Butadiene	2.60	27.7	UD	20	27.7	107	11/19/25 22:07	VL111925
106-99-0	1,3-Butadiene	1.00	2.21	UD	20	2.21	22.1	11/19/25 22:07	VL111925
91-20-3	Naphthalene	0.26	1.36	UD	20	1.36	10.5	11/19/25 22:07	VL111925
622-96-8	4-Ethyltoluene	4.20	20.6	UD	20	20.6	49.2	11/19/25 22:07	VL111925
110-54-3	Hexane	3.20	11.3	UD	20	11.3	35.2	11/19/25 22:07	VL111925
107-05-1	Allyl Chloride	2.20	6.89	UD	20	6.89	31.3	11/19/25 22:07	VL111925
123-91-1	1,4-Dioxane	4.40	15.9	UD	20	15.9	36.0	11/19/25 22:07	VL111925
80-62-6	Methyl Methacrylate	2.80	11.5	UD	20	11.5	41.0	11/19/25 22:07	VL111925

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.40		70 (65) - 130 (135)	94% SPK: 10
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INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	98500
540-36-3	1,4-Difluorobenzene	260000
3114-55-4	Chlorobenzene-d5	201000

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