

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 16-SG-1DL
Lab Sample ID: Q3626-12DL
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/12/25
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	4.40	21.8	UD	40	21.8	98.9	11/19/25 19:52	VL111925
74-87-3	Chloromethane	3.90	8.05	UD	40	8.05	41.3	11/19/25 19:52	VL111925
75-01-4	Vinyl Chloride	1.00	2.56	UD	40	2.56	3.07	11/19/25 19:52	VL111925
74-83-9	Bromomethane	3.10	12.0	UD	40	12.0	77.7	11/19/25 19:52	VL111925
75-00-3	Chloroethane	6.00	15.8	UD	40	15.8	52.8	11/19/25 19:52	VL111925
109-99-9	Tetrahydrofuran	3.20	9.44	UD	40	9.44	59.0	11/19/25 19:52	VL111925
75-69-4	Trichlorofluoromethane	6.80	38.2	UD	40	38.2	112	11/19/25 19:52	VL111925
76-13-1	1,1,2-Trichlorotrifluoroethane	5.60	42.9	UD	40	42.9	153	11/19/25 19:52	VL111925
76-14-2	Dichlorotetrafluoroethane	6.00	41.9	UD	40	41.9	140	11/19/25 19:52	VL111925
75-65-0	tert-Butyl alcohol	17.2	52.1	JD	40	19.4	60.6	11/19/25 19:52	VL111925
142-82-5	Heptane	6.80	27.9	UD	40	27.9	82.0	11/19/25 19:52	VL111925
75-35-4	1,1-Dichloroethene	6.00	23.8	UD	40	23.8	79.3	11/19/25 19:52	VL111925
67-64-1	Acetone	3200	7600	ED	40	17.1	47.5	11/19/25 19:52	VL111925
75-15-0	Carbon Disulfide	3.20	9.97	UD	40	9.97	62.3	11/19/25 19:52	VL111925
1634-04-4	Methyl tert-Butyl Ether	9.20	33.2	UD	40	33.2	72.1	11/19/25 19:52	VL111925
75-09-2	Methylene Chloride	9.20	32.0	UD	40	32.0	69.5	11/19/25 19:52	VL111925
156-60-5	trans-1,2-Dichloroethene	4.80	19.0	UD	40	19.0	79.3	11/19/25 19:52	VL111925
75-34-3	1,1-Dichloroethane	5.20	21.1	UD	40	21.1	81.0	11/19/25 19:52	VL111925
110-82-7	Cyclohexane	8.80	30.3	UD	40	30.3	68.8	11/19/25 19:52	VL111925
78-93-3	2-Butanone	18.7	55.1	JD	40	6.49	59.0	11/19/25 19:52	VL111925
56-23-5	Carbon Tetrachloride	1.00	6.29	UD	40	6.29	7.55	11/19/25 19:52	VL111925
156-59-2	cis-1,2-Dichloroethene	4.00	15.9	UD	40	15.9	79.3	11/19/25 19:52	VL111925
67-66-3	Chloroform	3.80	18.6	UD	40	18.6	97.7	11/19/25 19:52	VL111925
71-55-6	1,1,1-Trichloroethane	0.64	3.49	UD	40	3.49	6.55	11/19/25 19:52	VL111925
540-84-1	2,2,4-Trimethylpentane	5.60	26.2	UD	40	26.2	93.4	11/19/25 19:52	VL111925
71-43-2	Benzene	3.20	10.2	UD	40	10.2	63.9	11/19/25 19:52	VL111925
107-06-2	1,2-Dichloroethane	3.70	15.0	UD	40	15.0	81.0	11/19/25 19:52	VL111925
79-01-6	Trichloroethene	0.96	5.16	UD	40	5.16	6.45	11/19/25 19:52	VL111925
78-87-5	1,2-Dichloropropane	5.20	24.0	UD	40	24.0	92.4	11/19/25 19:52	VL111925
75-27-4	Bromodichloromethane	2.50	16.8	UD	40	16.8	134	11/19/25 19:52	VL111925
108-10-1	4-Methyl-2-Pentanone	6.00	24.6	JD	40	16.0	82.0	11/19/25 19:52	VL111925
108-88-3	Toluene	6.40	24.1	UD	40	24.1	75.4	11/19/25 19:52	VL111925
10061-02-6	t-1,3-Dichloropropene	6.00	27.2	UD	40	27.2	90.8	11/19/25 19:52	VL111925
10061-01-5	cis-1,3-Dichloropropene	4.40	20.0	UD	40	20.0	90.8	11/19/25 19:52	VL111925
79-00-5	1,1,2-Trichloroethane	3.20	17.5	UD	40	17.5	109	11/19/25 19:52	VL111925
124-48-1	Dibromochloromethane	3.40	29.0	UD	40	29.0	170	11/19/25 19:52	VL111925
106-93-4	1,2-Dibromoethane	3.40	26.1	UD	40	26.1	30.7	11/19/25 19:52	VL111925
127-18-4	Tetrachloroethene	9.20	62.4	D	40	4.07	8.14	11/19/25 19:52	VL111925
108-90-7	Chlorobenzene	3.10	14.3	UD	40	14.3	92.1	11/19/25 19:52	VL111925
100-41-4	Ethyl Benzene	7.60	33.0	UD	40	33.0	86.9	11/19/25 19:52	VL111925
179601-23-1	m/p-Xylene	16.4	71.2	UD	40	71.2	174	11/19/25 19:52	VL111925
95-47-6	o-Xylene	8.40	36.5	UD	40	36.5	86.9	11/19/25 19:52	VL111925
100-42-5	Styrene	6.40	27.3	UD	40	27.3	85.2	11/19/25 19:52	VL111925
75-25-2	Bromoform	1.90	19.6	UD	40	19.6	207	11/19/25 19:52	VL111925
79-34-5	1,1,2,2-Tetrachloroethane	0.72	4.94	UD	40	4.94	8.24	11/19/25 19:52	VL111925
95-49-8	2-Chlorotoluene	6.80	35.2	UD	40	35.2	104	11/19/25 19:52	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	7.20	35.4	UD	40	35.4	98.3	11/19/25 19:52	VL111925
95-63-6	1,2,4-Trimethylbenzene	7.20	35.4	UD	40	35.4	98.3	11/19/25 19:52	VL111925
541-73-1	1,3-Dichlorobenzene	2.20	13.2	UD	40	13.2	120	11/19/25 19:52	VL111925
106-46-7	1,4-Dichlorobenzene	5.20	31.3	UD	40	31.3	120	11/19/25 19:52	VL111925
95-50-1	1,2-Dichlorobenzene	5.20	31.3	UD	40	31.3	120	11/19/25 19:52	VL111925
120-82-1	1,2,4-Trichlorobenzene	8.40	62.4	UD	40	62.4	148	11/19/25 19:52	VL111925
87-68-3	Hexachloro-1,3-Butadiene	5.20	55.5	UD	40	55.5	213	11/19/25 19:52	VL111925
106-99-0	1,3-Butadiene	2.00	4.42	UD	40	4.42	44.3	11/19/25 19:52	VL111925
91-20-3	Naphthalene	0.52	2.73	UD	40	2.73	21.0	11/19/25 19:52	VL111925
622-96-8	4-Ethyltoluene	8.40	41.3	UD	40	41.3	98.3	11/19/25 19:52	VL111925
110-54-3	Hexane	6.40	22.6	UD	40	22.6	70.5	11/19/25 19:52	VL111925
107-05-1	Allyl Chloride	4.40	13.8	UD	40	13.8	62.6	11/19/25 19:52	VL111925
123-91-1	1,4-Dioxane	10.3	37.1	JD	40	31.7	72.1	11/19/25 19:52	VL111925
80-62-6	Methyl Methacrylate	5.60	22.9	UD	40	22.9	81.9	11/19/25 19:52	VL111925

SURROGATES

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

	Area Count	
74-97-5	Bromochloromethane	102000
540-36-3	1,4-Difluorobenzene	282000
3114-55-4	Chlorobenzene-d5	224000

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