

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 16-IA-1DL
Lab Sample ID: Q3799-06DL
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25
Date Received: 12/04/25
SDG No.: Q3799
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	1.10	5.44	UD	10	5.44	24.7	12/08/25 21:56	VL120825
74-87-3	Chloromethane	0.98	2.02	UD	10	2.02	10.3	12/08/25 21:56	VL120825
75-01-4	Vinyl Chloride	0.25	0.64	UD	10	0.64	0.77	12/08/25 21:56	VL120825
74-83-9	Bromomethane	0.77	2.99	UD	10	2.99	19.4	12/08/25 21:56	VL120825
75-00-3	Chloroethane	1.50	3.96	UD	10	3.96	13.2	12/08/25 21:56	VL120825
109-99-9	Tetrahydrofuran	0.80	2.36	UD	10	2.36	14.8	12/08/25 21:56	VL120825
75-69-4	Trichlorofluoromethane	1.70	9.55	UD	10	9.55	28.1	12/08/25 21:56	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	10.7	UD	10	10.7	38.3	12/08/25 21:56	VL120825
76-14-2	Dichlorotetrafluoroethane	1.50	10.5	UD	10	10.5	35.0	12/08/25 21:56	VL120825
75-65-0	tert-Butyl alcohol	1.60	4.85	UD	10	4.85	15.2	12/08/25 21:56	VL120825
142-82-5	Heptane	1.70	6.97	UD	10	6.97	20.5	12/08/25 21:56	VL120825
75-35-4	1,1-Dichloroethene	1.50	5.95	UD	10	5.95	19.8	12/08/25 21:56	VL120825
67-64-1	Acetone	35.0	83.1	D	10	4.28	11.9	12/08/25 21:56	VL120825
75-15-0	Carbon Disulfide	0.80	2.49	UD	10	2.49	15.6	12/08/25 21:56	VL120825
1634-04-4	Methyl tert-Butyl Ether	2.30	8.29	UD	10	8.29	18.0	12/08/25 21:56	VL120825
75-09-2	Methylene Chloride	9.10	31.6	D	10	7.99	17.4	12/08/25 21:56	VL120825
156-60-5	trans-1,2-Dichloroethene	1.20	4.76	UD	10	4.76	19.8	12/08/25 21:56	VL120825
75-34-3	1,1-Dichloroethane	1.30	5.26	UD	10	5.26	20.2	12/08/25 21:56	VL120825
110-82-7	Cyclohexane	2.20	7.57	UD	10	7.57	17.2	12/08/25 21:56	VL120825
78-93-3	2-Butanone	0.56	1.65	UD	10	1.65	14.8	12/08/25 21:56	VL120825
56-23-5	Carbon Tetrachloride	0.25	1.57	UD	10	1.57	1.89	12/08/25 21:56	VL120825
156-59-2	cis-1,2-Dichloroethene	0.99	3.93	UD	10	3.93	19.8	12/08/25 21:56	VL120825
67-66-3	Chloroform	0.96	4.69	UD	10	4.69	24.4	12/08/25 21:56	VL120825
71-55-6	1,1,1-Trichloroethane	0.16	0.87	UD	10	0.87	1.64	12/08/25 21:56	VL120825
540-84-1	2,2,4-Trimethylpentane	1.40	6.54	UD	10	6.54	23.4	12/08/25 21:56	VL120825
71-43-2	Benzene	0.79	2.52	UD	10	2.52	16.0	12/08/25 21:56	VL120825
107-06-2	1,2-Dichloroethane	0.93	3.76	UD	10	3.76	20.2	12/08/25 21:56	VL120825
79-01-6	Trichloroethene	0.24	1.29	UD	10	1.29	1.61	12/08/25 21:56	VL120825
78-87-5	1,2-Dichloropropane	1.30	6.01	UD	10	6.01	23.1	12/08/25 21:56	VL120825
75-27-4	Bromodichloromethane	0.63	4.22	UD	10	4.22	33.5	12/08/25 21:56	VL120825
108-10-1	4-Methyl-2-Pentanone	0.97	3.98	UD	10	3.98	20.5	12/08/25 21:56	VL120825
108-88-3	Toluene	1.60	6.03	UD	10	6.03	18.8	12/08/25 21:56	VL120825
10061-02-6	t-1,3-Dichloropropene	1.50	6.81	UD	10	6.81	22.7	12/08/25 21:56	VL120825
10061-01-5	cis-1,3-Dichloropropene	1.10	4.99	UD	10	4.99	22.7	12/08/25 21:56	VL120825
79-00-5	1,1,2-Trichloroethane	0.81	4.42	UD	10	4.42	27.3	12/08/25 21:56	VL120825
124-48-1	Dibromochloromethane	0.85	7.24	UD	10	7.24	42.6	12/08/25 21:56	VL120825
106-93-4	1,2-Dibromoethane	0.85	6.53	UD	10	6.53	7.69	12/08/25 21:56	VL120825
127-18-4	Tetrachloroethene	0.15	1.02	UD	10	1.02	2.03	12/08/25 21:56	VL120825
108-90-7	Chlorobenzene	0.77	3.55	UD	10	3.55	23.0	12/08/25 21:56	VL120825
100-41-4	Ethyl Benzene	1.90	8.25	UD	10	8.25	21.7	12/08/25 21:56	VL120825
179601-23-1	m/p-Xylene	4.10	17.8	UD	10	17.8	43.4	12/08/25 21:56	VL120825
95-47-6	o-Xylene	2.10	9.12	UD	10	9.12	21.7	12/08/25 21:56	VL120825
100-42-5	Styrene	1.60	6.81	UD	10	6.81	21.3	12/08/25 21:56	VL120825
75-25-2	Bromoform	0.48	4.96	UD	10	4.96	51.7	12/08/25 21:56	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	0.18	1.24	UD	10	1.24	2.06	12/08/25 21:56	VL120825
95-49-8	2-Chlorotoluene	1.70	8.80	UD	10	8.80	25.9	12/08/25 21:56	VL120825

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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	1.80	8.85	UD	10	8.85	24.6	12/08/25 21:56	VL120825
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85	UD	10	8.85	24.6	12/08/25 21:56	VL120825
541-73-1	1,3-Dichlorobenzene	0.54	3.25	UD	10	3.25	30.1	12/08/25 21:56	VL120825
106-46-7	1,4-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	12/08/25 21:56	VL120825
95-50-1	1,2-Dichlorobenzene	1.30	7.82	UD	10	7.82	30.1	12/08/25 21:56	VL120825
120-82-1	1,2,4-Trichlorobenzene	2.10	15.6	UD	10	15.6	37.1	12/08/25 21:56	VL120825
87-68-3	Hexachloro-1,3-Butadiene	1.30	13.9	UD	10	13.9	53.3	12/08/25 21:56	VL120825
106-99-0	1,3-Butadiene	0.51	1.13	UD	10	1.13	11.1	12/08/25 21:56	VL120825
91-20-3	Naphthalene	0.13	0.68	UD	10	0.68	5.24	12/08/25 21:56	VL120825
622-96-8	4-Ethyltoluene	2.10	10.3	UD	10	10.3	24.6	12/08/25 21:56	VL120825
110-54-3	Hexane	2.40	8.46	JD	10	5.64	17.6	12/08/25 21:56	VL120825
107-05-1	Allyl Chloride	1.10	3.44	UD	10	3.44	15.7	12/08/25 21:56	VL120825
123-91-1	1,4-Dioxane	2.20	7.93	UD	10	7.93	18.0	12/08/25 21:56	VL120825
80-62-6	Methyl Methacrylate	1.40	5.73	UD	10	5.73	20.5	12/08/25 21:56	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.90		70 (65) - 130 (135)	99% SPK: 10
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INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	128000
540-36-3	1,4-Difluorobenzene	317000
3114-55-4	Chlorobenzene-d5	248000

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