

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: VL1120ABL01
Lab Sample ID: VL1120ABL01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
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	0.11	0.54	U	1	0.54	2.47	11/20/25 11:01	VL112025
74-87-3	Chloromethane	0.10	0.21	U	1	0.21	1.03	11/20/25 11:01	VL112025
75-01-4	Vinyl Chloride	0.030	0.080	U	1	0.080	0.080	11/20/25 11:01	VL112025
74-83-9	Bromomethane	0.080	0.31	U	1	0.31	1.94	11/20/25 11:01	VL112025
75-00-3	Chloroethane	0.15	0.40	U	1	0.40	1.32	11/20/25 11:01	VL112025
109-99-9	Tetrahydrofuran	0.080	0.24	U	1	0.24	1.47	11/20/25 11:01	VL112025
75-69-4	Trichlorofluoromethane	0.17	0.96	U	1	0.96	2.81	11/20/25 11:01	VL112025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1	1.07	3.83	11/20/25 11:01	VL112025
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1	1.05	3.49	11/20/25 11:01	VL112025
75-65-0	tert-Butyl alcohol	0.16	0.49	U	1	0.49	1.52	11/20/25 11:01	VL112025
142-82-5	Heptane	0.17	0.70	U	1	0.70	2.05	11/20/25 11:01	VL112025
75-35-4	1,1-Dichloroethene	0.15	0.59	U	1	0.59	1.98	11/20/25 11:01	VL112025
67-64-1	Acetone	0.18	0.43	U	1	0.43	1.19	11/20/25 11:01	VL112025
75-15-0	Carbon Disulfide	0.080	0.25	U	1	0.25	1.56	11/20/25 11:01	VL112025
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	1	0.83	1.80	11/20/25 11:01	VL112025
75-09-2	Methylene Chloride	0.23	0.80	U	1	0.80	1.74	11/20/25 11:01	VL112025
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	1	0.48	1.98	11/20/25 11:01	VL112025
75-34-3	1,1-Dichloroethane	0.13	0.53	U	1	0.53	2.02	11/20/25 11:01	VL112025
110-82-7	Cyclohexane	0.22	0.76	U	1	0.76	1.72	11/20/25 11:01	VL112025
78-93-3	2-Butanone	0.060	0.18	U	1	0.18	1.47	11/20/25 11:01	VL112025
56-23-5	Carbon Tetrachloride	0.030	0.19	U	1	0.19	0.19	11/20/25 11:01	VL112025
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	1	0.40	1.98	11/20/25 11:01	VL112025
67-66-3	Chloroform	0.10	0.49	U	1	0.49	2.44	11/20/25 11:01	VL112025
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	1	0.11	0.16	11/20/25 11:01	VL112025
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	1	0.65	2.34	11/20/25 11:01	VL112025
71-43-2	Benzene	0.080	0.26	U	1	0.26	1.60	11/20/25 11:01	VL112025
107-06-2	1,2-Dichloroethane	0.090	0.36	U	1	0.36	2.02	11/20/25 11:01	VL112025
79-01-6	Trichloroethene	0.020	0.11	U	1	0.11	0.16	11/20/25 11:01	VL112025
78-87-5	1,2-Dichloropropane	0.13	0.60	U	1	0.60	2.31	11/20/25 11:01	VL112025
75-27-4	Bromodichloromethane	0.060	0.40	U	1	0.40	3.35	11/20/25 11:01	VL112025
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	1	0.41	2.05	11/20/25 11:01	VL112025
108-88-3	Toluene	0.16	0.60	U	1	0.60	1.88	11/20/25 11:01	VL112025
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	1	0.68	2.27	11/20/25 11:01	VL112025
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	1	0.50	2.27	11/20/25 11:01	VL112025
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	1	0.44	2.73	11/20/25 11:01	VL112025
124-48-1	Dibromochloromethane	0.090	0.77	U	1	0.77	4.26	11/20/25 11:01	VL112025
106-93-4	1,2-Dibromoethane	0.090	0.69	U	1	0.69	0.77	11/20/25 11:01	VL112025
127-18-4	Tetrachloroethene	0.020	0.14	U	1	0.14	0.20	11/20/25 11:01	VL112025
108-90-7	Chlorobenzene	0.080	0.37	U	1	0.37	2.30	11/20/25 11:01	VL112025
100-41-4	Ethyl Benzene	0.19	0.83	U	1	0.83	2.17	11/20/25 11:01	VL112025
179601-23-1	m/p-Xylene	0.41	1.78	U	1	1.78	4.34	11/20/25 11:01	VL112025
95-47-6	o-Xylene	0.21	0.91	U	1	0.91	2.17	11/20/25 11:01	VL112025
100-42-5	Styrene	0.16	0.68	U	1	0.68	2.13	11/20/25 11:01	VL112025
75-25-2	Bromoform	0.050	0.52	U	1	0.52	5.17	11/20/25 11:01	VL112025
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	1	0.14	0.21	11/20/25 11:01	VL112025
95-49-8	2-Chlorotoluene	0.17	0.88	U	1	0.88	2.59	11/20/25 11:01	VL112025

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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	0.18	0.88	U	1	0.88	2.46	11/20/25 11:01	VL112025
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	1	0.88	2.46	11/20/25 11:01	VL112025
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	1	0.30	3.01	11/20/25 11:01	VL112025
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/20/25 11:01	VL112025
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	1	0.78	3.01	11/20/25 11:01	VL112025
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1	1.56	3.71	11/20/25 11:01	VL112025
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1	1.39	5.33	11/20/25 11:01	VL112025
106-99-0	1,3-Butadiene	0.050	0.11	U	1	0.11	1.11	11/20/25 11:01	VL112025
91-20-3	Naphthalene	0.010	0.050	U	1	0.050	0.52	11/20/25 11:01	VL112025
622-96-8	4-Ethyltoluene	0.21	1.03	U	1	1.03	2.46	11/20/25 11:01	VL112025
110-54-3	Hexane	0.16	0.56	U	1	0.56	1.76	11/20/25 11:01	VL112025
107-05-1	Allyl Chloride	0.11	0.34	U	1	0.34	1.57	11/20/25 11:01	VL112025
123-91-1	1,4-Dioxane	0.22	0.79	U	1	0.79	1.80	11/20/25 11:01	VL112025
80-62-6	Methyl Methacrylate	0.14	0.57	U	1	0.57	2.05	11/20/25 11:01	VL112025

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.0	70 (65) - 130 (135)	100% SPK: 10
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INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	106000
540-36-3	1,4-Difluorobenzene	275000
3114-55-4	Chlorobenzene-d5	211000

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