

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 10-IA-1DL2
Lab Sample ID: Q3799-03DL2
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	44.0	218	UD	400	218	989	12/09/25 07:30	VL120825
74-87-3	Chloromethane	39.2	81.0	UD	400	81.0	413	12/09/25 07:30	VL120825
75-01-4	Vinyl Chloride	10.0	25.6	UD	400	25.6	30.7	12/09/25 07:30	VL120825
74-83-9	Bromomethane	30.8	120	UD	400	120	777	12/09/25 07:30	VL120825
75-00-3	Chloroethane	60.0	158	UD	400	158	528	12/09/25 07:30	VL120825
109-99-9	Tetrahydrofuran	32.0	94.4	UD	400	94.4	590	12/09/25 07:30	VL120825
75-69-4	Trichlorofluoromethane	68.0	382	UD	400	382	1120	12/09/25 07:30	VL120825
76-13-1	1,1,2-Trichlorotrifluoroethane	56.0	429	UD	400	429	1530	12/09/25 07:30	VL120825
76-14-2	Dichlorotetrafluoroethane	60.0	419	UD	400	419	1400	12/09/25 07:30	VL120825
75-65-0	tert-Butyl alcohol	64.0	194	UD	400	194	606	12/09/25 07:30	VL120825
142-82-5	Heptane	68.0	279	UD	400	279	820	12/09/25 07:30	VL120825
75-35-4	1,1-Dichloroethene	60.0	238	UD	400	238	793	12/09/25 07:30	VL120825
67-64-1	Acetone	3000	7130	D	400	171	475	12/09/25 07:30	VL120825
75-15-0	Carbon Disulfide	32.0	99.7	UD	400	99.7	623	12/09/25 07:30	VL120825
1634-04-4	Methyl tert-Butyl Ether	92.0	332	UD	400	332	721	12/09/25 07:30	VL120825
75-09-2	Methylene Chloride	92.0	320	UD	400	320	695	12/09/25 07:30	VL120825
156-60-5	trans-1,2-Dichloroethene	48.0	190	UD	400	190	793	12/09/25 07:30	VL120825
75-34-3	1,1-Dichloroethane	52.0	210	UD	400	210	809	12/09/25 07:30	VL120825
110-82-7	Cyclohexane	88.0	303	UD	400	303	688	12/09/25 07:30	VL120825
78-93-3	2-Butanone	22.4	66.1	UD	400	66.1	590	12/09/25 07:30	VL120825
56-23-5	Carbon Tetrachloride	10.0	62.9	UD	400	62.9	75.5	12/09/25 07:30	VL120825
156-59-2	cis-1,2-Dichloroethene	39.6	157	UD	400	157	793	12/09/25 07:30	VL120825
67-66-3	Chloroform	38.4	188	UD	400	188	977	12/09/25 07:30	VL120825
71-55-6	1,1,1-Trichloroethane	6.40	34.9	UD	400	34.9	65.5	12/09/25 07:30	VL120825
540-84-1	2,2,4-Trimethylpentane	56.0	262	UD	400	262	934	12/09/25 07:30	VL120825
71-43-2	Benzene	31.6	101	UD	400	101	639	12/09/25 07:30	VL120825
107-06-2	1,2-Dichloroethane	37.2	151	UD	400	151	809	12/09/25 07:30	VL120825
79-01-6	Trichloroethene	9.60	51.6	UD	400	51.6	64.5	12/09/25 07:30	VL120825
78-87-5	1,2-Dichloropropane	52.0	240	UD	400	240	924	12/09/25 07:30	VL120825
75-27-4	Bromodichloromethane	25.2	169	UD	400	169	1340	12/09/25 07:30	VL120825
108-10-1	4-Methyl-2-Pentanone	38.8	159	UD	400	159	820	12/09/25 07:30	VL120825
108-88-3	Toluene	64.0	241	UD	400	241	754	12/09/25 07:30	VL120825
10061-02-6	t-1,3-Dichloropropene	60.0	272	UD	400	272	908	12/09/25 07:30	VL120825
10061-01-5	cis-1,3-Dichloropropene	44.0	200	UD	400	200	908	12/09/25 07:30	VL120825
79-00-5	1,1,2-Trichloroethane	32.4	177	UD	400	177	1090	12/09/25 07:30	VL120825
124-48-1	Dibromochloromethane	34.0	290	UD	400	290	1700	12/09/25 07:30	VL120825
106-93-4	1,2-Dibromoethane	34.0	261	UD	400	261	307	12/09/25 07:30	VL120825
127-18-4	Tetrachloroethene	6.00	40.7	UD	400	40.7	81.4	12/09/25 07:30	VL120825
108-90-7	Chlorobenzene	30.8	142	UD	400	142	921	12/09/25 07:30	VL120825
100-41-4	Ethyl Benzene	76.0	330	UD	400	330	869	12/09/25 07:30	VL120825
179601-23-1	m/p-Xylene	160	695	UD	400	695	1740	12/09/25 07:30	VL120825
95-47-6	o-Xylene	84.0	365	UD	400	365	869	12/09/25 07:30	VL120825
100-42-5	Styrene	64.0	272	UD	400	272	852	12/09/25 07:30	VL120825
75-25-2	Bromoform	19.2	199	UD	400	199	2070	12/09/25 07:30	VL120825
79-34-5	1,1,2,2-Tetrachloroethane	7.20	49.4	UD	400	49.4	82.4	12/09/25 07:30	VL120825
95-49-8	2-Chlorotoluene	68.0	352	UD	400	352	1040	12/09/25 07:30	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	72.0	354	UD	400	354	983	12/09/25 07:30	VL120825
95-63-6	1,2,4-Trimethylbenzene	72.0	354	UD	400	354	983	12/09/25 07:30	VL120825
541-73-1	1,3-Dichlorobenzene	21.6	130	UD	400	130	1200	12/09/25 07:30	VL120825
106-46-7	1,4-Dichlorobenzene	52.0	313	UD	400	313	1200	12/09/25 07:30	VL120825
95-50-1	1,2-Dichlorobenzene	52.0	313	UD	400	313	1200	12/09/25 07:30	VL120825
120-82-1	1,2,4-Trichlorobenzene	84.0	624	UD	400	624	1480	12/09/25 07:30	VL120825
87-68-3	Hexachloro-1,3-Butadiene	52.0	555	UD	400	555	2130	12/09/25 07:30	VL120825
106-99-0	1,3-Butadiene	20.4	45.1	UD	400	45.1	442	12/09/25 07:30	VL120825
91-20-3	Naphthalene	5.20	27.3	UD	400	27.3	210	12/09/25 07:30	VL120825
622-96-8	4-Ethyltoluene	84.0	413	UD	400	413	983	12/09/25 07:30	VL120825
110-54-3	Hexane	64.0	226	UD	400	226	705	12/09/25 07:30	VL120825
107-05-1	Allyl Chloride	44.0	138	UD	400	138	626	12/09/25 07:30	VL120825
123-91-1	1,4-Dioxane	88.0	317	UD	400	317	721	12/09/25 07:30	VL120825
80-62-6	Methyl Methacrylate	56.0	229	UD	400	229	819	12/09/25 07:30	VL120825

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.50		70 (65) - 130 (135)	95% SPK: 10
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INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	122000
540-36-3	1,4-Difluorobenzene	307000
3114-55-4	Chlorobenzene-d5	246000

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