

Report of Analysis

Client: RTP Environmental
Project: 151 JUNIPER DRIVE
Client Sample ID: VL1106ABS01
Lab Sample ID: VL1106ABS01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3555
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	10.8	53.4		1	0.54	2.47	11/06/25 08:45	VL110625
74-87-3	Chloromethane	9.10	18.8		1	0.21	1.03	11/06/25 08:45	VL110625
75-01-4	Vinyl Chloride	9.10	23.3		1	0.080	0.080	11/06/25 08:45	VL110625
74-83-9	Bromomethane	10.2	39.6		1	0.31	1.94	11/06/25 08:45	VL110625
75-00-3	Chloroethane	9.30	24.5		1	0.40	1.32	11/06/25 08:45	VL110625
109-99-9	Tetrahydrofuran	9.30	27.4		1	0.24	1.47	11/06/25 08:45	VL110625
75-69-4	Trichlorofluoromethane	11.7	65.8		1	0.96	2.81	11/06/25 08:45	VL110625
76-13-1	1,1,2-Trichlorotrifluoroethane	11.2	85.8		1	1.07	3.83	11/06/25 08:45	VL110625
76-14-2	Dichlorotetrafluoroethane	10.7	74.8		1	1.05	3.49	11/06/25 08:45	VL110625
75-65-0	tert-Butyl alcohol	9.90	30.0		1	0.49	1.52	11/06/25 08:45	VL110625
142-82-5	Heptane	8.70	35.6		1	0.70	2.05	11/06/25 08:45	VL110625
75-35-4	1,1-Dichloroethene	11.0	43.6		1	0.59	1.98	11/06/25 08:45	VL110625
67-64-1	Acetone	8.90	21.1		1	0.43	1.19	11/06/25 08:45	VL110625
75-15-0	Carbon Disulfide	10.7	33.3		1	0.25	1.56	11/06/25 08:45	VL110625
1634-04-4	Methyl tert-Butyl Ether	9.80	35.3		1	0.83	1.80	11/06/25 08:45	VL110625
75-09-2	Methylene Chloride	9.10	31.6		1	0.80	1.74	11/06/25 08:45	VL110625
156-60-5	trans-1,2-Dichloroethene	10.7	42.4		1	0.48	1.98	11/06/25 08:45	VL110625
75-34-3	1,1-Dichloroethane	10.5	42.5		1	0.53	2.02	11/06/25 08:45	VL110625
110-82-7	Cyclohexane	9.30	32.0		1	0.76	1.72	11/06/25 08:45	VL110625
78-93-3	2-Butanone	10.4	30.7		1	0.18	1.47	11/06/25 08:45	VL110625
56-23-5	Carbon Tetrachloride	11.8	74.2		1	0.19	0.19	11/06/25 08:45	VL110625
156-59-2	cis-1,2-Dichloroethene	10.5	41.6		1	0.40	1.98	11/06/25 08:45	VL110625
67-66-3	Chloroform	11.0	53.7		1	0.49	2.44	11/06/25 08:45	VL110625
71-55-6	1,1,1-Trichloroethane	10.7	58.4		1	0.11	0.16	11/06/25 08:45	VL110625
540-84-1	2,2,4-Trimethylpentane	9.80	45.8		1	0.65	2.34	11/06/25 08:45	VL110625
71-43-2	Benzene	10.2	32.6		1	0.26	1.60	11/06/25 08:45	VL110625
107-06-2	1,2-Dichloroethane	11.3	45.7		1	0.36	2.02	11/06/25 08:45	VL110625
79-01-6	Trichloroethene	9.60	51.6		1	0.11	0.16	11/06/25 08:45	VL110625
78-87-5	1,2-Dichloropropane	10.0	46.2		1	0.60	2.31	11/06/25 08:45	VL110625
75-27-4	Bromodichloromethane	11.4	76.4		1	0.40	3.35	11/06/25 08:45	VL110625
108-10-1	4-Methyl-2-Pentanone	9.40	38.5		1	0.41	2.05	11/06/25 08:45	VL110625
108-88-3	Toluene	9.70	36.5		1	0.60	1.88	11/06/25 08:45	VL110625
10061-02-6	t-1,3-Dichloropropene	10.1	45.9		1	0.68	2.27	11/06/25 08:45	VL110625
10061-01-5	cis-1,3-Dichloropropene	10.0	45.4		1	0.50	2.27	11/06/25 08:45	VL110625
79-00-5	1,1,2-Trichloroethane	10.3	56.2		1	0.44	2.73	11/06/25 08:45	VL110625
124-48-1	Dibromochloromethane	11.1	94.6		1	0.77	4.26	11/06/25 08:45	VL110625
106-93-4	1,2-Dibromoethane	10.3	79.2		1	0.69	0.77	11/06/25 08:45	VL110625
127-18-4	Tetrachloroethene	10.3	69.8		1	0.14	0.20	11/06/25 08:45	VL110625
108-90-7	Chlorobenzene	10.2	47.0		1	0.37	2.30	11/06/25 08:45	VL110625
100-41-4	Ethyl Benzene	10.3	44.7		1	0.83	2.17	11/06/25 08:45	VL110625
179601-23-1	m/p-Xylene	20.9	90.8		1	1.78	4.34	11/06/25 08:45	VL110625
95-47-6	o-Xylene	10.4	45.2		1	0.91	2.17	11/06/25 08:45	VL110625
100-42-5	Styrene	9.80	41.7		1	0.68	2.13	11/06/25 08:45	VL110625
75-25-2	Bromoform	11.6	120		1	0.52	5.17	11/06/25 08:45	VL110625
79-34-5	1,1,2,2-Tetrachloroethane	9.90	68.0		1	0.14	0.21	11/06/25 08:45	VL110625
95-49-8	2-Chlorotoluene	10.4	53.9		1	0.88	2.59	11/06/25 08:45	VL110625

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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	10.7	52.6		1	0.88	2.46	11/06/25 08:45	VL110625
95-63-6	1,2,4-Trimethylbenzene	10.4	51.1		1	0.88	2.46	11/06/25 08:45	VL110625
541-73-1	1,3-Dichlorobenzene	10.9	65.5		1	0.30	3.01	11/06/25 08:45	VL110625
106-46-7	1,4-Dichlorobenzene	10.8	64.9		1	0.78	3.01	11/06/25 08:45	VL110625
95-50-1	1,2-Dichlorobenzene	10.7	64.3		1	0.78	3.01	11/06/25 08:45	VL110625
120-82-1	1,2,4-Trichlorobenzene	10.8	80.2		1	1.56	3.71	11/06/25 08:45	VL110625
87-68-3	Hexachloro-1,3-Butadiene	10.4	111		1	1.39	5.33	11/06/25 08:45	VL110625
106-99-0	1,3-Butadiene	8.80	19.5		1	0.11	1.11	11/06/25 08:45	VL110625
91-20-3	Naphthalene	10.1	53.0		1	0.050	0.52	11/06/25 08:45	VL110625
622-96-8	4-Ethyltoluene	10.7	52.6		1	1.03	2.46	11/06/25 08:45	VL110625
110-54-3	Hexane	9.40	33.1		1	0.56	1.76	11/06/25 08:45	VL110625
107-05-1	Allyl Chloride	9.20	28.8		1	0.34	1.57	11/06/25 08:45	VL110625
123-91-1	1,4-Dioxane	9.40	33.9		1	0.79	1.80	11/06/25 08:45	VL110625
80-62-6	Methyl Methacrylate	9.80	40.1		1	0.57	2.05	11/06/25 08:45	VL110625

SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 10.2 70 (65) - 130 102% SPK: 10

INTERNAL STANDARDS

Area Count
74-97-5 Bromochloromethane 111000
540-36-3 1,4-Difluorobenzene 341000
3114-55-4 Chlorobenzene-d5 300000

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