

Report of Analysis

Client: RTP Environmental
Project: Ashley
Client Sample ID: VL1113ABS01
Lab Sample ID: VL1113ABS01
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected:
Date Received:
SDG No.: Q3627
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	9.50	47.0		1	0.54	2.47	11/13/25 10:53	VL111325
74-87-3	Chloromethane	8.30	17.1		1	0.21	1.03	11/13/25 10:53	VL111325
75-01-4	Vinyl Chloride	8.40	21.5		1	0.080	0.080	11/13/25 10:53	VL111325
74-83-9	Bromomethane	9.50	36.9		1	0.31	1.94	11/13/25 10:53	VL111325
75-00-3	Chloroethane	8.40	22.2		1	0.40	1.32	11/13/25 10:53	VL111325
109-99-9	Tetrahydrofuran	11.1	32.7		1	0.24	1.47	11/13/25 10:53	VL111325
75-69-4	Trichlorofluoromethane	10.5	59.0		1	0.96	2.81	11/13/25 10:53	VL111325
76-13-1	1,1,2-Trichlorotrifluoroethane	10.1	77.4		1	1.07	3.83	11/13/25 10:53	VL111325
76-14-2	Dichlorotetrafluoroethane	9.30	65.0		1	1.05	3.49	11/13/25 10:53	VL111325
75-65-0	tert-Butyl alcohol	8.30	25.2		1	0.49	1.52	11/13/25 10:53	VL111325
142-82-5	Heptane	9.40	38.5		1	0.70	2.05	11/13/25 10:53	VL111325
75-35-4	1,1-Dichloroethene	10.0	39.6		1	0.59	1.98	11/13/25 10:53	VL111325
67-64-1	Acetone	8.50	20.2		1	0.43	1.19	11/13/25 10:53	VL111325
75-15-0	Carbon Disulfide	9.80	30.5		1	0.25	1.56	11/13/25 10:53	VL111325
1634-04-4	Methyl tert-Butyl Ether	8.10	29.2		1	0.83	1.80	11/13/25 10:53	VL111325
75-09-2	Methylene Chloride	8.10	28.1		1	0.80	1.74	11/13/25 10:53	VL111325
156-60-5	trans-1,2-Dichloroethene	9.60	38.1		1	0.48	1.98	11/13/25 10:53	VL111325
75-34-3	1,1-Dichloroethane	9.50	38.5		1	0.53	2.02	11/13/25 10:53	VL111325
110-82-7	Cyclohexane	8.60	29.6		1	0.76	1.72	11/13/25 10:53	VL111325
78-93-3	2-Butanone	12.0	35.4		1	0.18	1.47	11/13/25 10:53	VL111325
56-23-5	Carbon Tetrachloride	11.2	70.5		1	0.19	0.19	11/13/25 10:53	VL111325
156-59-2	cis-1,2-Dichloroethene	9.50	37.7		1	0.40	1.98	11/13/25 10:53	VL111325
67-66-3	Chloroform	9.80	47.9		1	0.49	2.44	11/13/25 10:53	VL111325
71-55-6	1,1,1-Trichloroethane	9.00	49.1		1	0.11	0.16	11/13/25 10:53	VL111325
540-84-1	2,2,4-Trimethylpentane	11.4	53.3		1	0.65	2.34	11/13/25 10:53	VL111325
71-43-2	Benzene	11.2	35.8		1	0.26	1.60	11/13/25 10:53	VL111325
107-06-2	1,2-Dichloroethane	11.1	44.9		1	0.36	2.02	11/13/25 10:53	VL111325
79-01-6	Trichloroethene	9.90	53.2		1	0.11	0.16	11/13/25 10:53	VL111325
78-87-5	1,2-Dichloropropane	11.1	51.3		1	0.60	2.31	11/13/25 10:53	VL111325
75-27-4	Bromodichloromethane	11.5	77.0		1	0.40	3.35	11/13/25 10:53	VL111325
108-10-1	4-Methyl-2-Pentanone	10.9	44.7		1	0.41	2.05	11/13/25 10:53	VL111325
108-88-3	Toluene	10.1	38.1		1	0.60	1.88	11/13/25 10:53	VL111325
10061-02-6	t-1,3-Dichloropropene	9.60	43.6		1	0.68	2.27	11/13/25 10:53	VL111325
10061-01-5	cis-1,3-Dichloropropene	10.2	46.3		1	0.50	2.27	11/13/25 10:53	VL111325
79-00-5	1,1,2-Trichloroethane	11.2	61.1		1	0.44	2.73	11/13/25 10:53	VL111325
124-48-1	Dibromochloromethane	10.9	92.9		1	0.77	4.26	11/13/25 10:53	VL111325
106-93-4	1,2-Dibromoethane	10.6	81.5		1	0.69	0.77	11/13/25 10:53	VL111325
127-18-4	Tetrachloroethene	10.3	69.8		1	0.14	0.20	11/13/25 10:53	VL111325
108-90-7	Chlorobenzene	11.1	51.1		1	0.37	2.30	11/13/25 10:53	VL111325
100-41-4	Ethyl Benzene	10.6	46.0		1	0.83	2.17	11/13/25 10:53	VL111325
179601-23-1	m/p-Xylene	22.1	96.0		1	1.78	4.34	11/13/25 10:53	VL111325
95-47-6	o-Xylene	11.0	47.8		1	0.91	2.17	11/13/25 10:53	VL111325
100-42-5	Styrene	9.90	42.1		1	0.68	2.13	11/13/25 10:53	VL111325
75-25-2	Bromoform	11.5	119		1	0.52	5.17	11/13/25 10:53	VL111325
79-34-5	1,1,2,2-Tetrachloroethane	11.3	77.6		1	0.14	0.21	11/13/25 10:53	VL111325
95-49-8	2-Chlorotoluene	10.9	56.4		1	0.88	2.59	11/13/25 10:53	VL111325

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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	11.1	54.6		1	0.88	2.46	11/13/25 10:53	VL111325
95-63-6	1,2,4-Trimethylbenzene	10.9	53.6		1	0.88	2.46	11/13/25 10:53	VL111325
541-73-1	1,3-Dichlorobenzene	11.5	69.1		1	0.30	3.01	11/13/25 10:53	VL111325
106-46-7	1,4-Dichlorobenzene	11.5	69.1		1	0.78	3.01	11/13/25 10:53	VL111325
95-50-1	1,2-Dichlorobenzene	11.5	69.1		1	0.78	3.01	11/13/25 10:53	VL111325
120-82-1	1,2,4-Trichlorobenzene	10.7	79.4		1	1.56	3.71	11/13/25 10:53	VL111325
87-68-3	Hexachloro-1,3-Butadiene	10.2	109		1	1.39	5.33	11/13/25 10:53	VL111325
106-99-0	1,3-Butadiene	8.00	17.7		1	0.11	1.11	11/13/25 10:53	VL111325
91-20-3	Naphthalene	10.2	53.5		1	0.050	0.52	11/13/25 10:53	VL111325
622-96-8	4-Ethyltoluene	11.1	54.6		1	1.03	2.46	11/13/25 10:53	VL111325
110-54-3	Hexane	9.50	33.5		1	0.56	1.76	11/13/25 10:53	VL111325
107-05-1	Allyl Chloride	8.50	26.6		1	0.34	1.57	11/13/25 10:53	VL111325
123-91-1	1,4-Dioxane	10.2	36.8		1	0.79	1.80	11/13/25 10:53	VL111325
80-62-6	Methyl Methacrylate	10.3	42.2		1	0.57	2.05	11/13/25 10:53	VL111325

SURROGATES

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

INTERNAL STANDARDS

	Area Count
74-97-5 Bromochloromethane	141000
540-36-3 1,4-Difluorobenzene	382000
3114-55-4 Chlorobenzene-d5	326000

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