

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: VL1119ABS01
Lab Sample ID: VL1119ABS01
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	10.9	53.9		1	0.54	2.47	11/19/25 11:56	VL111925
74-87-3	Chloromethane	9.80	20.2		1	0.21	1.03	11/19/25 11:56	VL111925
75-01-4	Vinyl Chloride	9.30	23.8		1	0.080	0.080	11/19/25 11:56	VL111925
74-83-9	Bromomethane	10.6	41.2		1	0.31	1.94	11/19/25 11:56	VL111925
75-00-3	Chloroethane	9.30	24.5		1	0.40	1.32	11/19/25 11:56	VL111925
109-99-9	Tetrahydrofuran	8.30	24.5		1	0.24	1.47	11/19/25 11:56	VL111925
75-69-4	Trichlorofluoromethane	12.1	68.0		1	0.96	2.81	11/19/25 11:56	VL111925
76-13-1	1,1,2-Trichlorotrifluoroethane	11.4	87.4		1	1.07	3.83	11/19/25 11:56	VL111925
76-14-2	Dichlorotetrafluoroethane	10.9	76.2		1	1.05	3.49	11/19/25 11:56	VL111925
75-65-0	tert-Butyl alcohol	10.2	30.9		1	0.49	1.52	11/19/25 11:56	VL111925
142-82-5	Heptane	8.20	33.6		1	0.70	2.05	11/19/25 11:56	VL111925
75-35-4	1,1-Dichloroethene	10.5	41.6		1	0.59	1.98	11/19/25 11:56	VL111925
67-64-1	Acetone	8.40	19.9		1	0.43	1.19	11/19/25 11:56	VL111925
75-15-0	Carbon Disulfide	10.5	32.7		1	0.25	1.56	11/19/25 11:56	VL111925
1634-04-4	Methyl tert-Butyl Ether	10.4	37.5		1	0.83	1.80	11/19/25 11:56	VL111925
75-09-2	Methylene Chloride	11.6	40.3		1	0.80	1.74	11/19/25 11:56	VL111925
156-60-5	trans-1,2-Dichloroethene	10.3	40.8		1	0.48	1.98	11/19/25 11:56	VL111925
75-34-3	1,1-Dichloroethane	10.3	41.7		1	0.53	2.02	11/19/25 11:56	VL111925
110-82-7	Cyclohexane	9.30	32.0		1	0.76	1.72	11/19/25 11:56	VL111925
78-93-3	2-Butanone	8.80	25.9		1	0.18	1.47	11/19/25 11:56	VL111925
56-23-5	Carbon Tetrachloride	11.1	69.8		1	0.19	0.19	11/19/25 11:56	VL111925
156-59-2	cis-1,2-Dichloroethene	9.80	38.9		1	0.40	1.98	11/19/25 11:56	VL111925
67-66-3	Chloroform	11.1	54.2		1	0.49	2.44	11/19/25 11:56	VL111925
71-55-6	1,1,1-Trichloroethane	10.9	59.5		1	0.11	0.16	11/19/25 11:56	VL111925
540-84-1	2,2,4-Trimethylpentane	8.80	41.1		1	0.65	2.34	11/19/25 11:56	VL111925
71-43-2	Benzene	9.40	30.0		1	0.26	1.60	11/19/25 11:56	VL111925
107-06-2	1,2-Dichloroethane	10.6	42.9		1	0.36	2.02	11/19/25 11:56	VL111925
79-01-6	Trichloroethene	10.0	53.7		1	0.11	0.16	11/19/25 11:56	VL111925
78-87-5	1,2-Dichloropropane	9.20	42.5		1	0.60	2.31	11/19/25 11:56	VL111925
75-27-4	Bromodichloromethane	10.5	70.3		1	0.40	3.35	11/19/25 11:56	VL111925
108-10-1	4-Methyl-2-Pentanone	8.50	34.8		1	0.41	2.05	11/19/25 11:56	VL111925
108-88-3	Toluene	9.30	35.0		1	0.60	1.88	11/19/25 11:56	VL111925
10061-02-6	t-1,3-Dichloropropene	9.00	40.9		1	0.68	2.27	11/19/25 11:56	VL111925
10061-01-5	cis-1,3-Dichloropropene	9.00	40.9		1	0.50	2.27	11/19/25 11:56	VL111925
79-00-5	1,1,2-Trichloroethane	9.70	52.9		1	0.44	2.73	11/19/25 11:56	VL111925
124-48-1	Dibromochloromethane	10.8	92.0		1	0.77	4.26	11/19/25 11:56	VL111925
106-93-4	1,2-Dibromoethane	10.2	78.4		1	0.69	0.77	11/19/25 11:56	VL111925
127-18-4	Tetrachloroethene	9.90	67.1		1	0.14	0.20	11/19/25 11:56	VL111925
108-90-7	Chlorobenzene	10.0	46.0		1	0.37	2.30	11/19/25 11:56	VL111925
100-41-4	Ethyl Benzene	9.70	42.1		1	0.83	2.17	11/19/25 11:56	VL111925
179601-23-1	m/p-Xylene	19.9	86.4		1	1.78	4.34	11/19/25 11:56	VL111925
95-47-6	o-Xylene	10.0	43.4		1	0.91	2.17	11/19/25 11:56	VL111925
100-42-5	Styrene	9.40	40.0		1	0.68	2.13	11/19/25 11:56	VL111925
75-25-2	Bromoform	11.1	115		1	0.52	5.17	11/19/25 11:56	VL111925
79-34-5	1,1,2,2-Tetrachloroethane	9.80	67.3		1	0.14	0.21	11/19/25 11:56	VL111925
95-49-8	2-Chlorotoluene	10.0	51.8		1	0.88	2.59	11/19/25 11:56	VL111925

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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	10.0	49.2	1	0.88		2.46	11/19/25 11:56	VL111925
95-63-6	1,2,4-Trimethylbenzene	10.2	50.1	1	0.88		2.46	11/19/25 11:56	VL111925
541-73-1	1,3-Dichlorobenzene	10.7	64.3	1	0.30		3.01	11/19/25 11:56	VL111925
106-46-7	1,4-Dichlorobenzene	10.7	64.3	1	0.78		3.01	11/19/25 11:56	VL111925
95-50-1	1,2-Dichlorobenzene	10.5	63.1	1	0.78		3.01	11/19/25 11:56	VL111925
120-82-1	1,2,4-Trichlorobenzene	11.6	86.1	1	1.56		3.71	11/19/25 11:56	VL111925
87-68-3	Hexachloro-1,3-Butadiene	10.6	113	1	1.39		5.33	11/19/25 11:56	VL111925
106-99-0	1,3-Butadiene	9.40	20.8	1	0.11		1.11	11/19/25 11:56	VL111925
91-20-3	Naphthalene	10.7	56.1	1	0.050		0.52	11/19/25 11:56	VL111925
622-96-8	4-Ethyltoluene	10.2	50.1	1	1.03		2.46	11/19/25 11:56	VL111925
110-54-3	Hexane	9.10	32.1	1	0.56		1.76	11/19/25 11:56	VL111925
107-05-1	Allyl Chloride	9.20	28.8	1	0.34		1.57	11/19/25 11:56	VL111925
123-91-1	1,4-Dioxane	9.40	33.9	1	0.79		1.80	11/19/25 11:56	VL111925
80-62-6	Methyl Methacrylate	8.60	35.2	1	0.57		2.05	11/19/25 11:56	VL111925

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.3		70 (65) - 130 (135)	103% SPK: 10
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INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	104000
540-36-3	1,4-Difluorobenzene	285000
3114-55-4	Chlorobenzene-d5	231000

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