

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R36900	Date Received:	
Client Sample ID:	VL0428ABS01	SDG No.:	Q1880
Lab Sample ID:	VL0428ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042418.D	1		04/28/25 10:10	VL042825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	10.0	49.5		1.04	2.47	ug/m3
74-87-3	Chloromethane	9.70	20.0		0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	8.70	22.2		0.030	0.080	ug/m3
74-83-9	Bromomethane	9.40	36.5		0.54	1.94	ug/m3
75-00-3	Chloroethane	9.50	25.1		0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	8.40	24.8		0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	10.0	56.2		0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	9.60	73.6		1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	10.0	69.9		0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	8.90	27.0		0.58	1.52	ug/m3
142-82-5	Heptane	7.60	31.1		0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	9.20	36.5		0.56	1.98	ug/m3
67-64-1	Acetone	8.60	20.4		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	9.40	29.3		0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	8.70	31.4		0.43	1.80	ug/m3
75-09-2	Methylene Chloride	7.90	27.4		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	9.20	36.5		0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	9.40	38.0		0.53	2.02	ug/m3
110-82-7	Cyclohexane	8.60	29.6		0.76	1.72	ug/m3
78-93-3	2-Butanone	8.60	25.4		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	9.90	62.3		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	9.50	37.7		0.36	1.98	ug/m3
67-66-3	Chloroform	9.80	47.9		0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	9.50	51.8		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	8.70	40.6		0.47	2.34	ug/m3
71-43-2	Benzene	9.00	28.8		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	10.6	42.9		0.36	2.02	ug/m3
79-01-6	Trichloroethene	8.30	44.6		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	8.80	40.7		0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	10.2	68.3		0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	7.70	31.6		0.37	2.05	ug/m3
108-88-3	Toluene	8.90	33.5		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	9.10	41.3		0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	9.10	41.3		0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	9.50	51.8		0.38	2.73	ug/m3

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124-48-1	Dibromochloromethane	9.80	83.5		0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	9.20	70.7		0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	8.10	54.9		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	9.50	43.8		0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	9.30	40.4		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	19.0	82.5		0.91	4.34	ug/m3
95-47-6	o-Xylene	9.50	41.3		0.52	2.17	ug/m3
100-42-5	Styrene	9.10	38.7		0.47	2.13	ug/m3
75-25-2	Bromoform	9.20	95.1		0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	8.80	60.4		0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	9.60	49.7		0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	9.30	45.7		0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	8.90	43.8		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	9.00	54.1		0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	9.00	54.1		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	9.10	54.7		0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	8.70	64.6		0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	8.80	93.9		0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	9.00	19.9		0.29	1.11	ug/m3
91-20-3	Naphthalene	8.50	44.6		0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	9.40	46.2		0.59	2.46	ug/m3
110-54-3	Hexane	8.10	28.6		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	9.00	28.2		0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	8.00	28.8		0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	8.30	34.0		0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135	105%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	122000			2.78		
540-36-3	1,4-Difluorobenzene	337000			3.952		
3114-55-4	Chlorobenzene-d5	299000			8.875		

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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