

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	12/11/24
Project:	R36719	Date Received:	12/13/24
Client Sample ID:	C0AC1DL	SDG No.:	P5293
Lab Sample ID:	P5293-03DL	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
VL041810.D	2		12/19/24 00:11	VL121824

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.44	2.18	JD	2.08	4.94	ug/m3
74-87-3	Chloromethane	1.90	3.92	D	0.41	2.07	ug/m3
75-01-4	Vinyl Chloride	0.030	0.080	UD	0.080	0.15	ug/m3
74-83-9	Bromomethane	0.28	1.09	UD	1.09	3.88	ug/m3
75-00-3	Chloroethane	0.34	0.90	UD	0.90	2.64	ug/m3
109-99-9	Tetrahydrofuran	0.26	0.77	UD	0.77	2.95	ug/m3
75-69-4	Trichlorofluoromethane	0.32	1.80	UD	1.80	5.62	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.32	2.45	UD	2.45	7.66	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.18	1.26	UD	1.26	6.99	ug/m3
75-65-0	tert-Butyl alcohol	1.00	3.03	D	1.15	3.03	ug/m3
142-82-5	Heptane	0.22	0.90	UD	0.90	4.10	ug/m3
75-35-4	1,1-Dichloroethene	0.28	1.11	UD	1.11	3.96	ug/m3
67-64-1	Acetone	20.7	49.2	D	1.14	2.38	ug/m3
75-15-0	Carbon Disulfide	0.32	1.00	UD	1.00	3.11	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.24	0.87	UD	0.87	3.61	ug/m3
75-09-2	Methylene Chloride	1.70	5.91	D	1.32	3.47	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.38	1.51	UD	1.51	3.96	ug/m3
75-34-3	1,1-Dichloroethane	0.26	1.05	UD	1.05	4.05	ug/m3
110-82-7	Cyclohexane	0.44	1.51	UD	1.51	3.44	ug/m3
78-93-3	2-Butanone	4.10	12.1	D	0.71	2.95	ug/m3
56-23-5	Carbon Tetrachloride	0.020	0.13	UD	0.13	0.38	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.18	0.71	UD	0.71	3.96	ug/m3
67-66-3	Chloroform	1.30	6.35	D	0.83	4.88	ug/m3
71-55-6	1,1,1-Trichloroethane	0.020	0.11	UD	0.11	0.33	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.20	0.93	UD	0.93	4.67	ug/m3
71-43-2	Benzene	0.70	2.24	JD	0.54	3.19	ug/m3
107-06-2	1,2-Dichloroethane	0.18	0.73	UD	0.73	4.05	ug/m3
79-01-6	Trichloroethene	0.030	0.16	UD	0.16	0.32	ug/m3
78-87-5	1,2-Dichloropropane	0.22	1.02	UD	1.02	4.62	ug/m3
75-27-4	Bromodichloromethane	0.26	1.74	JD	1.00	6.70	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.19	0.78	UD	0.78	4.10	ug/m3
108-88-3	Toluene	0.94	3.54	JD	0.83	3.77	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.12	0.54	UD	0.54	4.54	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.13	0.59	UD	0.59	4.54	ug/m3
79-00-5	1,1,2-Trichloroethane	0.14	0.76	UD	0.76	5.46	ug/m3

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124-48-1	Dibromochloromethane	0.13	1.11	UD	1.11	8.52	ug/m3
106-93-4	1,2-Dibromoethane	0.14	1.08	UD	1.08	1.54	ug/m3
127-18-4	Tetrachloroethene	0.030	0.20	UD	0.20	0.41	ug/m3
108-90-7	Chlorobenzene	0.15	0.69	UD	0.69	4.61	ug/m3
100-41-4	Ethyl Benzene	0.24	1.04	JD	1.04	4.34	ug/m3
179601-23-1	m/p-Xylene	1.20	5.21	JD	1.82	8.69	ug/m3
95-47-6	o-Xylene	0.47	2.04	JD	1.04	4.34	ug/m3
100-42-5	Styrene	0.36	1.53	JD	0.94	4.26	ug/m3
75-25-2	Bromoform	0.11	1.14	UD	1.14	10.3	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	UD	0.14	0.41	ug/m3
95-49-8	2-Chlorotoluene	0.22	1.14	UD	1.14	5.18	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.42	2.06	JD	1.08	4.92	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.90	9.34	D	0.79	4.92	ug/m3
541-73-1	1,3-Dichlorobenzene	0.16	0.96	UD	0.96	6.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.11	0.66	UD	0.66	6.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.15	0.90	UD	0.90	6.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.17	1.26	UD	1.26	7.42	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.17	1.81	UD	1.81	10.7	ug/m3
106-99-0	1,3-Butadiene	0.26	0.58	UD	0.58	2.21	ug/m3
91-20-3	Naphthalene	0.15	0.79	UD	0.79	1.05	ug/m3
622-96-8	4-Ethyltoluene	0.35	1.72	JD	1.18	4.92	ug/m3
110-54-3	Hexane	0.22	0.78	UD	0.78	3.52	ug/m3
107-05-1	Allyl Chloride	0.30	0.94	UD	0.94	3.13	ug/m3
123-91-1	1,4-Dioxane	0.42	1.51	UD	1.51	3.60	ug/m3
80-62-6	Methyl Methacrylate	0.17	0.70	UD	0.70	4.09	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.7			65 - 135	107%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	74100		2.794			
540-36-3	1,4-Difluorobenzene	178000		3.972			
3114-55-4	Chlorobenzene-d5	156000		8.891			

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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