284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	04/22/25
Project:	R36900	Date Received:	04/24/25
Client Sample ID:	EBR-P11-SC-SS01-20250421DL	SDG No.:	Q1880
Lab Sample ID:	Q1880-01DL	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
VL042450.D	20		04/29/25 17:04	VL042925

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	10.0	49.5	UD	20.8	49.5	ug/m3
74-87-3	Chloromethane	10.0	20.6	UD	4.13	20.6	ug/m3
75-01-4	Vinyl Chloride	0.60	1.53	UD	0.72	1.53	ug/m3
74-83-9	Bromomethane	10.0	38.8	UD	10.9	38.8	ug/m3
75-00-3	Chloroethane	10.0	26.4	UD	8.97	26.4	ug/m3
109-99-9	Tetrahydrofuran	10.0	29.5	UD	7.67	29.5	ug/m3
75-69-4	Trichlorofluoromethane	10.0	56.2	UD	18.0	56.2	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	10.0	76.7	UD	24.5	76.7	ug/m3
76-14-2	Dichlorotetrafluoroethane	10.0	69.9	UD	12.6	69.9	ug/m3
75-65-0	tert-Butyl alcohol	10.0	30.3	UD	11.5	30.3	ug/m3
142-82-5	Heptane	10.0	41.0	UD	9.02	41.0	ug/m3
75-35-4	1,1-Dichloroethene	10.0	39.6	UD	11.1	39.6	ug/m3
67-64-1	Acetone	180	428	D	11.4	23.8	ug/m3
75-15-0	Carbon Disulfide	10.0	31.1	UD	9.97	31.1	ug/m3
1634-04-4	Methyl tert-Butyl Ether	10.0	36.0	UD	8.65	36.0	ug/m3
75-09-2	Methylene Chloride	10.0	34.7	UD	13.2	34.7	ug/m3
156-60-5	trans-1,2-Dichloroethene	10.0	39.6	UD	15.1	39.6	ug/m3
75-34-3	1,1-Dichloroethane	10.0	40.5	UD	10.5	40.5	ug/m3
110-82-7	Cyclohexane	10.0	34.4	UD	15.2	34.4	ug/m3
78-93-3	2-Butanone	9.40	27.7	JD	7.08	29.5	ug/m3
56-23-5	Carbon Tetrachloride	0.60	3.77	UD	1.38	3.77	ug/m3
156-59-2	cis-1,2-Dichloroethene	10.0	39.6	UD	7.14	39.6	ug/m3
67-66-3	Chloroform	10.0	48.8	UD	8.30	48.8	ug/m3
71-55-6	1,1,1-Trichloroethane	0.60	3.27	UD	1.04	3.27	ug/m3
540-84-1	2,2,4-Trimethylpentane	10.0	46.7	UD	9.34	46.7	ug/m3
71-43-2	Benzene	10.0	31.9	UD	5.43	31.9	ug/m3
107-06-2	1,2-Dichloroethane	10.0	40.5	UD	7.29	40.5	ug/m3
79-01-6	Trichloroethene	0.60	3.22	UD	1.83	3.22	ug/m3
78-87-5	1,2-Dichloropropane	10.0	46.2	UD	10.2	46.2	ug/m3
75-27-4	Bromodichloromethane	10.0	67.0	UD	10.1	67.0	ug/m3
108-10-1	4-Methyl-2-Pentanone	10.0	41.0	UD	7.79	41.0	ug/m3
108-88-3	Toluene	10.0	37.7	UD	8.29	37.7	ug/m3
10061-02-6	t-1,3-Dichloropropene	10.0	45.4	UD	5.45	45.4	ug/m3
10061-01-5	cis-1,3-Dichloropropene	10.0	45.4	UD	5.90	45.4	ug/m3
79-00-5	1,1,2-Trichloroethane	10.0	54.6	UD	7.64	54.6	ug/m3

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File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042450.D	20		04/29/25 17:04	VL042925

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	10.0	85.2	UD	11.1	85.2	ug/m3
106-93-4	1,2-Dibromoethane	2.00	15.4	UD	10.8	15.4	ug/m3
127-18-4	Tetrachloroethene	0.60	4.07	UD	2.03	4.07	ug/m3
108-90-7	Chlorobenzene	10.0	46.0	UD	6.91	46.0	ug/m3
100-41-4	Ethyl Benzene	10.0	43.4	UD	10.4	43.4	ug/m3
179601-23-1	m/p-Xylene	20.0	86.9	UD	18.2	86.9	ug/m3
95-47-6	o-Xylene	10.0	43.4	UD	10.4	43.4	ug/m3
100-42-5	Styrene	10.0	42.6	UD	9.37	42.6	ug/m3
75-25-2	Bromoform	10.0	103	UD	11.4	103	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.60	4.12	UD	1.51	4.12	ug/m3
95-49-8	2-Chlorotoluene	10.0	51.8	UD	11.4	51.8	ug/m3
108-67-8	1,3,5-Trimethylbenzene	10.0	49.2	UD	10.8	49.2	ug/m3
95-63-6	1,2,4-Trimethylbenzene	10.0	49.2	UD	7.87	49.2	ug/m3
541-73-1	1,3-Dichlorobenzene	10.0	60.1	UD	9.62	60.1	ug/m3
106-46-7	1,4-Dichlorobenzene	10.0	60.1	UD	6.61	60.1	ug/m3
95-50-1	1,2-Dichlorobenzene	10.0	60.1	UD	9.02	60.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	10.0	74.2	UD	12.6	74.2	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	10.0	107	UD	18.1	107	ug/m3
106-99-0	1,3-Butadiene	10.0	22.1	UD	5.75	22.1	ug/m3
91-20-3	Naphthalene	2.00	10.5	UD	7.86	10.5	ug/m3
622-96-8	4-Ethyltoluene	10.0	49.2	UD	11.8	49.2	ug/m3
110-54-3	Hexane	10.0	35.2	UD	7.75	35.2	ug/m3
107-05-1	Allyl Chloride	10.0	31.3	UD	9.39	31.3	ug/m3
123-91-1	1,4-Dioxane	10.0	36.0	UD	15.1	36.0	ug/m3
80-62-6	Methyl Methacrylate	10.0	41.0	UD	6.96	41.0	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.7			65 - 135	107%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	113000		2.794			
540-36-3	1,4-Difluorobenzene	300000		3.969			
3114-55-4	Chlorobenzene-d5	250000		8.891			

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CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units

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