284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R36719	Date Received:	
Client Sample ID:	VL1219ABS01	SDG No.:	P5296
Lab Sample ID:	VL1219ABS01	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
VL041820.D	1		12/19/24 14:49	VL121924

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	7.60	37.6		1.04	2.47	ug/m3
74-87-3	Chloromethane	9.60	19.8		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	8.50	33.0		0.54	1.94	ug/m3
75-00-3	Chloroethane	9.10	24.0		0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	9.10	26.8		0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	9.00	50.6		0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	8.70	66.7		1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	9.10	63.6		0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	8.70	26.4		0.58	1.52	ug/m3
142-82-5	Heptane	8.60	35.2		0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	8.70	34.5		0.56	1.98	ug/m3
67-64-1	Acetone	7.70	18.3		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	8.70	27.1		0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	7.50	27.0		0.43	1.80	ug/m3
75-09-2	Methylene Chloride	8.60	29.9		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	8.40	33.3		0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	9.10	36.8		0.53	2.02	ug/m3
110-82-7	Cyclohexane	8.10	27.9		0.76	1.72	ug/m3
78-93-3	2-Butanone	9.50	28.0		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	10.9	68.6		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	8.20	32.5		0.36	1.98	ug/m3
67-66-3	Chloroform	9.20	44.9		0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	8.70	47.5		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	9.70	45.3		0.47	2.34	ug/m3
71-43-2	Benzene	9.40	30.0		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	9.90	40.1		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	9.40	43.4		0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	10.5	70.3		0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	9.60	39.3		0.37	2.05	ug/m3
108-88-3	Toluene	8.80	33.2		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	8.40	38.1		0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	8.80	40.0		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	10.4	88.6		0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	9.50	73.0		0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	8.20	55.6		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	9.80	45.1		0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	9.60	41.7		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	20.5	89.0		0.91	4.34	ug/m3
95-47-6	o-Xylene	10.2	44.3		0.52	2.17	ug/m3
100-42-5	Styrene	9.90	42.1		0.47	2.13	ug/m3
75-25-2	Bromoform	10.4	108		0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	10.7	73.5		0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	9.90	51.3		0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	11.0	54.1		0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	11.1	54.6		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	10.3	61.9		0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	10.3	61.9		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	10.2	61.3		0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	9.50	70.5		0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	8.00	85.3		0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	9.20	20.4		0.29	1.11	ug/m3
91-20-3	Naphthalene	11.2	58.7		0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	10.6	52.1		0.59	2.46	ug/m3
110-54-3	Hexane	8.60	30.3		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	9.30	29.1		0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	9.40	33.9		0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	9.20	37.7		0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.4			65 - 135	104%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	80800		2.787			
540-36-3	1,4-Difluorobenzene	196000		3.962			
3114-55-4	Chlorobenzene-d5	169000		8.885			

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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