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

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0418ABS01	SDG No.:	Q1726
Lab Sample ID:	VL0418ABS01	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
VL042385.D	1		04/18/25 11:38	VL041825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	9.30	46.0		1.04	2.47	ug/m3
64-17-5	Ethanol	2.30	4.33		0.60	0.94	ug/m3
74-87-3	Chloromethane	8.60	17.8		0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	7.60	19.4		0.030	0.080	ug/m3
74-83-9	Bromomethane	8.50	33.0		0.54	1.94	ug/m3
75-00-3	Chloroethane	8.30	21.9		0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	6.90	20.4		0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	9.50	53.4		0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	8.90	68.2		1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	9.10	63.6		0.63	3.49	ug/m3
593-60-2	Bromoethene	9.10	39.8		0.52	2.19	ug/m3
75-65-0	tert-Butyl alcohol	8.20	24.9		0.58	1.52	ug/m3
142-82-5	Heptane	6.80	27.9		0.45	2.05	ug/m3
67-63-0	Isopropyl Alcohol	8.20	20.2		0.17	1.23	ug/m3
75-35-4	1,1-Dichloroethene	8.70	34.5		0.56	1.98	ug/m3
67-64-1	Acetone	7.30	17.3		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	8.30	29.9		0.43	1.80	ug/m3
75-09-2	Methylene Chloride	7.40	25.7		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	8.70	34.5		0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	8.90	36.0		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	7.20	21.2		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	8.60	54.1		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	8.60	34.1		0.36	1.98	ug/m3
67-66-3	Chloroform	9.10	44.4		0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	8.90	48.6		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	7.20	33.6		0.47	2.34	ug/m3
71-43-2	Benzene	7.70	24.6		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	8.70	35.2		0.36	2.02	ug/m3
79-01-6	Trichloroethene	7.60	40.8		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	7.20	33.3		0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	8.50	56.9		0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	6.40	26.2		0.37	2.05	ug/m3
108-88-3	Toluene	7.60	28.6		0.41	1.88	ug/m3

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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
VL042385.D	1		04/18/25 11:38	VL041825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	7.60	34.5		0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	7.50	34.0		0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	8.20	44.7		0.38	2.73	ug/m3
124-48-1	Dibromochloromethane	8.80	75.0		0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	8.20	63.0		0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	7.70	52.2		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	8.40	38.7		0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	8.10	35.2		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	16.4	71.2		0.91	4.34	ug/m3
95-47-6	o-Xylene	8.20	35.6		0.52	2.17	ug/m3
100-42-5	Styrene	8.20	34.9		0.47	2.13	ug/m3
75-25-2	Bromoform	8.80	91.0		0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	7.30	50.1		0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	8.20	42.5		0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	8.10	39.8		0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	7.70	37.9		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	8.60	51.7		0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	8.50	51.1		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	8.40	50.5		0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	8.40	62.4		0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	8.60	91.7		0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	7.60	16.8		0.29	1.11	ug/m3
91-20-3	Naphthalene	7.70	40.4		0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	8.30	40.8		0.59	2.46	ug/m3
110-54-3	Hexane	7.60	26.8		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	8.00	25.0		0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	6.80	24.5		0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	6.90	28.3		0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			70 (65) - 130 (135)	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	138000		2.781			
540-36-3	1,4-Difluorobenzene	422000		3.952			
3114-55-4	Chlorobenzene-d5	372000		8.875			

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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