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:	VL0411ABS01	SDG No.:	Q1665
Lab Sample ID:	VL0411ABS01	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
VL042314.D	1		04/11/25 11:23	VL041125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	9.90	49.0		1.04	2.47	ug/m3
64-17-5	Ethanol	4.20	7.91		0.60	0.94	ug/m3
74-87-3	Chloromethane	10.2	21.1		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	8.90	34.6		0.54	1.94	ug/m3
75-00-3	Chloroethane	9.30	24.5		0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	10.9	32.1		0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	9.60	54.0		0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	9.10	69.8		1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	9.80	68.5		0.63	3.49	ug/m3
593-60-2	Bromoethene	8.80	38.5		0.52	2.19	ug/m3
75-65-0	tert-Butyl alcohol	7.80	23.6		0.58	1.52	ug/m3
142-82-5	Heptane	9.90	40.6		0.45	2.05	ug/m3
67-63-0	Isopropyl Alcohol	8.40	20.6		0.17	1.23	ug/m3
75-35-4	1,1-Dichloroethene	8.40	33.3		0.56	1.98	ug/m3
67-64-1	Acetone	9.20	21.9		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	8.80	27.4		0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	7.90	28.5		0.43	1.80	ug/m3
75-09-2	Methylene Chloride	8.10	28.1		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	9.80	39.7		0.53	2.02	ug/m3
110-82-7	Cyclohexane	9.00	31.0		0.76	1.72	ug/m3
78-93-3	2-Butanone	11.3	33.3		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	11.2	70.5		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	9.20	36.5		0.36	1.98	ug/m3
67-66-3	Chloroform	10.5	51.3		0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	8.80	48.0		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	11.4	53.3		0.47	2.34	ug/m3
71-43-2	Benzene	11.1	35.5		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	11.5	46.5		0.36	2.02	ug/m3
79-01-6	Trichloroethene	10.6	57.0		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	11.2	51.8		0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	11.7	78.4		0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	10.1	41.4		0.37	2.05	ug/m3
108-88-3	Toluene	10.1	38.1		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
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CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	8.30	37.7		0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	9.20	41.8		0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	11.7	63.8		0.38	2.73	ug/m3
124-48-1	Dibromochloromethane	11.2	95.4		0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	11.2	86.1		0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	9.50	64.4		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	12.5	57.6		0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	11.1	48.2		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	24.2	105		0.91	4.34	ug/m3
95-47-6	o-Xylene	11.9	51.7		0.52	2.17	ug/m3
100-42-5	Styrene	10.5	44.7		0.47	2.13	ug/m3
75-25-2	Bromoform	11.3	117		0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	13.2	90.7		0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	11.8	61.1		0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	11.9	58.5		0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	11.9	58.5		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	12.8	77.0		0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	12.9	77.6		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	13.2	79.4		0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	10.8	80.2		0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	9.80	105		0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	9.10	20.1		0.29	1.11	ug/m3
91-20-3	Naphthalene	10.9	57.1		0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	12.1	59.5		0.59	2.46	ug/m3
110-54-3	Hexane	10.0	35.2		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	8.90	27.9		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	9.50	38.9		0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	178000		2.784			
540-36-3	1,4-Difluorobenzene	444000		3.955			
3114-55-4	Chlorobenzene-d5	386000		8.878			

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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