

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0331ABS01	SDG No.:	Q1669
Lab Sample ID:	VL0331ABS01	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
VL042203.D	1		03/31/25 10:17	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	10.4	51.4		1.04	2.47	ug/m3
74-87-3	Chloromethane	9.70	20.0		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	9.10	35.3		0.54	1.94	ug/m3
75-00-3	Chloroethane	9.30	24.5		0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	9.30	27.4		0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	10.3	57.9		0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	9.70	74.3		1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	10.3	72.0		0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	9.00	27.3		0.58	1.52	ug/m3
142-82-5	Heptane	9.20	37.7		0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	9.20	36.5		0.56	1.98	ug/m3
67-64-1	Acetone	8.90	21.1		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	9.30	29.0		0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	11.0	39.7		0.43	1.80	ug/m3
75-09-2	Methylene Chloride	8.40	29.2		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	9.20	36.5		0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	10.0	40.5		0.53	2.02	ug/m3
110-82-7	Cyclohexane	9.40	32.4		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	10.6	66.7		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	10.0	39.6		0.36	1.98	ug/m3
67-66-3	Chloroform	10.6	51.8		0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	9.80	53.5		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	9.50	44.4		0.47	2.34	ug/m3
71-43-2	Benzene	9.80	31.3		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	11.0	44.5		0.36	2.02	ug/m3
79-01-6	Trichloroethene	9.70	52.1		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	9.70	44.8		0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	10.8	72.3		0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	8.60	35.2		0.37	2.05	ug/m3
108-88-3	Toluene	9.60	36.2		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	9.10	41.3		0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	9.40	42.7		0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	10.2	55.6		0.38	2.73	ug/m3

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124-48-1	Dibromochloromethane	10.6	90.3		0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	10.3	79.2		0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	9.00	61.0		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	10.4	47.9		0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	10.1	43.9		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	20.6	89.5		0.91	4.34	ug/m3
95-47-6	o-Xylene	10.4	45.2		0.52	2.17	ug/m3
100-42-5	Styrene	10.1	43.0		0.47	2.13	ug/m3
75-25-2	Bromoform	10.3	107		0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	10.4	71.4		0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	10.3	53.3		0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	10.4	51.1		0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	9.80	48.2		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	10.5	63.1		0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	10.5	63.1		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	10.6	63.7		0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	9.30	69.0		0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	8.40	89.6		0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	8.70	19.3		0.29	1.11	ug/m3
91-20-3	Naphthalene	9.50	49.8		0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	10.5	51.6		0.59	2.46	ug/m3
110-54-3	Hexane	9.50	33.5		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	8.90	32.1		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	10.3			70 (65) - 130 (135)	103%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	176000		2.803			
540-36-3	1,4-Difluorobenzene	499000		3.981			
3114-55-4	Chlorobenzene-d5	456000		8.904			

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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