

Report of Analysis

Client:	Woodard & Curran	Date Collected:	04/02/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	04/03/25
Client Sample ID:	SSSG-B2-6-04022025	SDG No.:	Q1728
Lab Sample ID:	Q1728-05	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
VL042281.D	4		04/09/25 01:49	VL040825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.84	4.15	U	4.15	9.89	ug/m3
74-87-3	Chloromethane	0.59	1.22	J	0.81	4.13	ug/m3
75-01-4	Vinyl Chloride	0.060	0.15	U	0.15	0.31	ug/m3
74-83-9	Bromomethane	0.56	2.17	U	2.17	7.77	ug/m3
75-00-3	Chloroethane	0.68	1.79	U	1.79	5.28	ug/m3
109-99-9	Tetrahydrofuran	0.52	1.53	U	1.53	5.90	ug/m3
75-69-4	Trichlorofluoromethane	0.64	3.60	U	3.60	11.2	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.64	4.91	U	4.91	15.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.35	2.45	U	2.45	14.0	ug/m3
75-65-0	tert-Butyl alcohol	2.70	8.19		2.30	6.06	ug/m3
142-82-5	Heptane	1.40	5.74	J	1.80	8.20	ug/m3
75-35-4	1,1-Dichloroethene	0.56	2.22	U	2.22	7.93	ug/m3
67-64-1	Acetone	340	808	E	2.28	4.75	ug/m3
75-15-0	Carbon Disulfide	0.64	1.99	U	1.99	6.23	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.48	1.73	U	1.73	7.21	ug/m3
75-09-2	Methylene Chloride	5.10	17.7		2.64	6.95	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.76	3.01	U	3.01	7.93	ug/m3
75-34-3	1,1-Dichloroethane	0.52	2.10	U	2.10	8.09	ug/m3
110-82-7	Cyclohexane	0.88	3.03	U	3.03	6.88	ug/m3
78-93-3	2-Butanone	18.3	54.0		1.42	5.90	ug/m3
56-23-5	Carbon Tetrachloride	0.040	0.25	U	0.25	0.75	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.36	1.43	U	1.43	7.93	ug/m3
67-66-3	Chloroform	0.33	1.61	U	1.61	9.77	ug/m3
71-55-6	1,1,1-Trichloroethane	0.040	0.22	U	0.22	0.65	ug/m3
540-84-1	2,2,4-Trimethylpentane	4.40	20.6		1.87	9.34	ug/m3
71-43-2	Benzene	1.20	3.83	J	1.12	6.39	ug/m3
107-06-2	1,2-Dichloroethane	0.36	1.46	U	1.46	8.09	ug/m3
79-01-6	Trichloroethene	0.30	1.61		0.38	0.64	ug/m3
78-87-5	1,2-Dichloropropane	0.44	2.03	U	2.03	9.24	ug/m3
75-27-4	Bromodichloromethane	0.31	2.08	U	2.08	13.4	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.80	3.28	J	1.52	8.20	ug/m3
108-88-3	Toluene	22.9	86.3		1.66	7.54	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.24	1.09	U	1.09	9.08	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.26	1.18	U	1.18	9.08	ug/m3
79-00-5	1,1,2-Trichloroethane	0.28	1.53	U	1.53	10.9	ug/m3

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124-48-1	Dibromochloromethane	0.26	2.22	U	2.22	17.0	ug/m3
106-93-4	1,2-Dibromoethane	0.29	2.23	U	2.23	3.07	ug/m3
127-18-4	Tetrachloroethene	0.060	0.41	U	0.41	0.81	ug/m3
108-90-7	Chlorobenzene	0.75	3.45	J	1.38	9.21	ug/m3
100-41-4	Ethyl Benzene	1.10	4.78	J	2.08	8.69	ug/m3
179601-23-1	m/p-Xylene	3.40	14.8	J	3.65	17.4	ug/m3
95-47-6	o-Xylene	1.50	6.52	J	2.08	8.69	ug/m3
100-42-5	Styrene	0.60	2.55	J	1.87	8.52	ug/m3
75-25-2	Bromoform	0.23	2.38	U	2.38	20.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.040	0.27	U	0.27	0.82	ug/m3
95-49-8	2-Chlorotoluene	17.0	88.0		2.28	10.4	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.44	2.16	U	2.16	9.83	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.42	2.06	J	1.52	9.83	ug/m3
541-73-1	1,3-Dichlorobenzene	0.32	1.92	U	1.92	12.0	ug/m3
106-46-7	1,4-Dichlorobenzene	0.21	1.26	U	1.26	12.0	ug/m3
95-50-1	1,2-Dichlorobenzene	0.30	1.80	U	1.80	12.0	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.34	2.52	U	2.52	14.8	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.34	3.63	U	3.63	21.3	ug/m3
106-99-0	1,3-Butadiene	0.52	1.15	U	1.15	4.42	ug/m3
91-20-3	Naphthalene	0.30	1.57	U	1.57	2.10	ug/m3
622-96-8	4-Ethyltoluene	0.48	2.36	U	2.36	9.83	ug/m3
110-54-3	Hexane	1.80	6.34	J	1.55	7.05	ug/m3
107-05-1	Allyl Chloride	0.60	1.88	U	1.88	6.26	ug/m3
123-91-1	1,4-Dioxane	0.84	3.03	U	3.03	7.21	ug/m3
80-62-6	Methyl Methacrylate	0.34	1.39	U	1.39	8.19	ug/m3

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.30		70 (65) - 130 (135)	93%	SPK: 10
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INTERNAL STANDARDS

74-97-5	Bromochloromethane	154000	2.787
540-36-3	1,4-Difluorobenzene	388000	3.958
3114-55-4	Chlorobenzene-d5	382000	8.881

TENTATIVE IDENTIFIED COMPOUNDS

115-07-1	Propene	3.70	J	1.49	ppbv
000115-11-7	1-Propene, 2-methyl-	15.2	J	1.60	ppbv
64-17-5	Ethanol	110	J	1.72	ppbv

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000107-83-5	Pentane, 2-methyl-	4.10		J		2.48	ppbv
	unknown4.056	6.10		J		4.06	ppbv
002207-01-4	Cyclohexane, 1,2-dimethyl-, cis-	5.50		J		7.62	ppbv
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	4.00		J		8.14	ppbv
000583-57-3	Cyclohexane, 1,2-dimethyl- (cis/tr	4.40		J		8.31	ppbv
001072-05-5	Heptane, 2,6-dimethyl-	5.90		J		9.00	ppbv
015869-80-4	Heptane, 3-ethyl-	7.80		J		9.15	ppbv

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