

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-B2-2-04022025	SDG No.:	Q1728
Lab Sample ID:	Q1728-03	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
VL042284.D	40		04/09/25 03:22	VL040825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	8.40	41.5	U	41.5	98.9	ug/m3
74-87-3	Chloromethane	3.90	8.05	U	8.05	41.3	ug/m3
75-01-4	Vinyl Chloride	0.56	1.43	U	1.43	3.07	ug/m3
74-83-9	Bromomethane	5.60	21.7	U	21.7	77.7	ug/m3
75-00-3	Chloroethane	6.80	17.9	U	17.9	52.8	ug/m3
109-99-9	Tetrahydrofuran	5.20	15.3	U	15.3	59.0	ug/m3
75-69-4	Trichlorofluoromethane	6.40	36.0	U	36.0	112	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	6.40	49.0	U	49.0	153	ug/m3
76-14-2	Dichlorotetrafluoroethane	3.50	24.5	U	24.5	140	ug/m3
75-65-0	tert-Butyl alcohol	7.60	23.0	U	23.0	60.6	ug/m3
142-82-5	Heptane	13.2	54.1	J	18.0	82.0	ug/m3
75-35-4	1,1-Dichloroethene	5.60	22.2	U	22.2	79.3	ug/m3
67-64-1	Acetone	99.6	237		22.8	47.5	ug/m3
75-15-0	Carbon Disulfide	25.2	78.5		19.9	62.3	ug/m3
1634-04-4	Methyl tert-Butyl Ether	4.80	17.3	U	17.3	72.1	ug/m3
75-09-2	Methylene Chloride	14.8	51.4	J	26.4	69.5	ug/m3
156-60-5	trans-1,2-Dichloroethene	7.60	30.1	U	30.1	79.3	ug/m3
75-34-3	1,1-Dichloroethane	5.20	21.1	U	21.1	81.0	ug/m3
110-82-7	Cyclohexane	28.0	96.4		30.3	68.8	ug/m3
78-93-3	2-Butanone	6.80	20.1	J	14.2	59.0	ug/m3
56-23-5	Carbon Tetrachloride	0.44	2.77	U	2.77	7.55	ug/m3
156-59-2	cis-1,2-Dichloroethene	3.60	14.3	U	14.3	79.3	ug/m3
67-66-3	Chloroform	3.30	16.1	U	16.1	97.7	ug/m3
71-55-6	1,1,1-Trichloroethane	0.38	2.07	U	2.07	6.55	ug/m3
540-84-1	2,2,4-Trimethylpentane	4.00	18.7	U	18.7	93.4	ug/m3
71-43-2	Benzene	3.50	11.2	U	11.2	63.9	ug/m3
107-06-2	1,2-Dichloroethane	3.60	14.6	U	14.6	81.0	ug/m3
79-01-6	Trichloroethene	0.68	3.65	U	3.65	6.45	ug/m3
78-87-5	1,2-Dichloropropane	4.40	20.3	U	20.3	92.4	ug/m3
75-27-4	Bromodichloromethane	3.10	20.8	U	20.8	134	ug/m3
108-10-1	4-Methyl-2-Pentanone	3.70	15.2	U	15.2	82.0	ug/m3
108-88-3	Toluene	22.8	85.9		16.6	75.4	ug/m3
10061-02-6	t-1,3-Dichloropropene	2.40	10.9	U	10.9	90.8	ug/m3
10061-01-5	cis-1,3-Dichloropropene	2.60	11.8	U	11.8	90.8	ug/m3
79-00-5	1,1,2-Trichloroethane	2.80	15.3	U	15.3	109	ug/m3

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124-48-1	Dibromochloromethane	2.60	22.1	U	22.1	170	ug/m3
106-93-4	1,2-Dibromoethane	2.90	22.3	U	22.3	30.7	ug/m3
127-18-4	Tetrachloroethene	0.60	4.07	U	4.07	8.14	ug/m3
108-90-7	Chlorobenzene	3.00	13.8	U	13.8	92.1	ug/m3
100-41-4	Ethyl Benzene	46.8	203		20.9	86.9	ug/m3
179601-23-1	m/p-Xylene	510	2220		36.5	174	ug/m3
95-47-6	o-Xylene	400	1740		20.9	86.9	ug/m3
100-42-5	Styrene	4.40	18.7	U	18.7	85.2	ug/m3
75-25-2	Bromoform	2.30	23.8	U	23.8	207	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.44	3.02	U	3.02	8.24	ug/m3
95-49-8	2-Chlorotoluene	4.40	22.8	U	22.8	104	ug/m3
108-67-8	1,3,5-Trimethylbenzene	180	885		21.6	98.3	ug/m3
95-63-6	1,2,4-Trimethylbenzene	210	1030		15.2	98.3	ug/m3
541-73-1	1,3-Dichlorobenzene	3.20	19.2	U	19.2	120	ug/m3
106-46-7	1,4-Dichlorobenzene	2.10	12.6	U	12.6	120	ug/m3
95-50-1	1,2-Dichlorobenzene	3.00	18.0	U	18.0	120	ug/m3
120-82-1	1,2,4-Trichlorobenzene	3.40	25.2	U	25.2	148	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	3.40	36.3	U	36.3	213	ug/m3
106-99-0	1,3-Butadiene	5.20	11.5	U	11.5	44.3	ug/m3
91-20-3	Naphthalene	3.00	15.7	U	15.7	21.0	ug/m3
622-96-8	4-Ethyltoluene	74.0	364		23.6	98.3	ug/m3
110-54-3	Hexane	4.40	15.5	U	15.5	70.5	ug/m3
107-05-1	Allyl Chloride	6.00	18.8	U	18.8	62.6	ug/m3
123-91-1	1,4-Dioxane	8.40	30.3	U	30.3	72.1	ug/m3
80-62-6	Methyl Methacrylate	3.40	13.9	U	13.9	81.9	ug/m3

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	11.1		70 (65) - 130 (135)	111%	SPK: 10
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INTERNAL STANDARDS

74-97-5	Bromochloromethane	157000	2.787
540-36-3	1,4-Difluorobenzene	395000	3.959
3114-55-4	Chlorobenzene-d5	369000	8.885

TENTATIVE IDENTIFIED COMPOUNDS

115-07-1	Propene	11.2	J	1.48	ppbv
64-17-5	Ethanol	46.4	J	1.72	ppbv
000565-59-3	Pentane, 2,3-dimethyl-	1300	J	4.09	ppbv

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002532-58-3	Cyclopentane, 1,3-dimethyl-, cis-	1100		J		4.52	ppbv
000872-56-0	Isopropylcyclobutane	1100		J		4.60	ppbv
000108-87-2	Cyclohexane, methyl-	3900		J		5.67	ppbv
	unknown5.794	5600		J		5.79	ppbv
000592-13-2	Hexane, 2,5-dimethyl-	6000		J		6.21	ppbv
000589-43-5	Hexane, 2,4-dimethyl-	4500		J		6.28	ppbv
	unknown7.642	540		J		7.64	ppbv
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	490		J		8.15	ppbv
98-82-8	Isopropylbenzene	48.4		J		10.5	ppbv
98-06-6	tert-Butylbenzene	24.4		J		11.5	ppbv
99-87-6	p-Isopropyltoluene	5.20		J		11.9	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