

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-B2-4-04022025	SDG No.:	Q1728
Lab Sample ID:	Q1728-08	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
VL042263.D	10		04/08/25 14:53	VL040825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	2.10	10.4	U	10.4	24.7	ug/m3
74-87-3	Chloromethane	0.98	2.02	U	2.02	10.3	ug/m3
75-01-4	Vinyl Chloride	0.14	0.36	U	0.36	0.77	ug/m3
74-83-9	Bromomethane	1.40	5.44	U	5.44	19.4	ug/m3
75-00-3	Chloroethane	1.70	4.49	U	4.49	13.2	ug/m3
109-99-9	Tetrahydrofuran	1.30	3.83	U	3.83	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1.60	8.99	U	8.99	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	12.3	U	12.3	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.88	6.15	U	6.15	35.0	ug/m3
75-65-0	tert-Butyl alcohol	2.60	7.88	J	5.76	15.2	ug/m3
142-82-5	Heptane	2.20	9.02	J	4.51	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1.40	5.55	U	5.55	19.8	ug/m3
67-64-1	Acetone	340	808	E	5.70	11.9	ug/m3
75-15-0	Carbon Disulfide	1.60	4.98	U	4.98	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1.20	4.33	U	4.33	18.0	ug/m3
75-09-2	Methylene Chloride	11.9	41.3		6.60	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.90	7.53	U	7.53	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1.30	5.26	U	5.26	20.2	ug/m3
110-82-7	Cyclohexane	2.20	7.57	U	7.57	17.2	ug/m3
78-93-3	2-Butanone	4.60	13.6	J	3.54	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.11	0.69	U	0.69	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.89	3.53	U	3.53	19.8	ug/m3
67-66-3	Chloroform	0.83	4.05	U	4.05	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.10	0.55	U	0.55	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1.70	7.94	J	4.67	23.4	ug/m3
71-43-2	Benzene	0.87	2.78	U	2.78	16.0	ug/m3
107-06-2	1,2-Dichloroethane	0.91	3.68	U	3.68	20.2	ug/m3
79-01-6	Trichloroethene	1.00	5.37		0.91	1.61	ug/m3
78-87-5	1,2-Dichloropropane	1.10	5.08	U	5.08	23.1	ug/m3
75-27-4	Bromodichloromethane	0.77	5.16	U	5.16	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.93	3.81	U	3.81	20.5	ug/m3
108-88-3	Toluene	9.30	35.0		4.15	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.60	2.72	U	2.72	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.64	2.91	U	2.91	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	0.71	3.87	U	3.87	27.3	ug/m3

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124-48-1	Dibromochloromethane	0.66	5.62	U	5.62	42.6	ug/m3
106-93-4	1,2-Dibromoethane	0.72	5.53	U	5.53	7.69	ug/m3
127-18-4	Tetrachloroethene	0.15	1.02	U	1.02	2.03	ug/m3
108-90-7	Chlorobenzene	0.76	3.50	U	3.50	23.0	ug/m3
100-41-4	Ethyl Benzene	7.10	30.8		5.21	21.7	ug/m3
179601-23-1	m/p-Xylene	98.6	428		9.12	43.4	ug/m3
95-47-6	o-Xylene	74.8	325		5.21	21.7	ug/m3
100-42-5	Styrene	1.10	4.68	U	4.68	21.3	ug/m3
75-25-2	Bromoform	0.57	5.89	U	5.89	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.11	0.76	U	0.76	2.06	ug/m3
95-49-8	2-Chlorotoluene	1.10	5.70	U	5.70	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	32.4	159		5.41	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	37.8	186		3.83	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	0.80	4.81	U	4.81	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	0.53	3.19	U	3.19	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	0.75	4.51	U	4.51	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.85	6.31	U	6.31	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.85	9.07	U	9.07	53.3	ug/m3
106-99-0	1,3-Butadiene	1.30	2.88	U	2.88	11.1	ug/m3
91-20-3	Naphthalene	0.75	3.93	U	3.93	5.24	ug/m3
622-96-8	4-Ethyltoluene	13.1	64.4		5.90	24.6	ug/m3
110-54-3	Hexane	2.40	8.46	J	3.88	17.6	ug/m3
107-05-1	Allyl Chloride	1.50	4.70	U	4.70	15.7	ug/m3
123-91-1	1,4-Dioxane	2.10	7.57	U	7.57	18.0	ug/m3
80-62-6	Methyl Methacrylate	0.86	3.52	U	3.52	20.5	ug/m3

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.50		70 (65) - 130 (135)	95%	SPK: 10
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INTERNAL STANDARDS

74-97-5	Bromochloromethane	164000	2.8
540-36-3	1,4-Difluorobenzene	443000	3.978
3114-55-4	Chlorobenzene-d5	423000	8.898

TENTATIVE IDENTIFIED COMPOUNDS

115-07-1	Propene	2.50	J	1.49	ppbv
64-17-5	Ethanol	89.5	J	1.73	ppbv
67-63-0	Isopropyl Alcohol	14.8	J	1.89	ppbv

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000583-57-3	Cyclohexane, 1,2-dimethyl- (cis/tr	28.4		J		7.64	ppbv
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	29.7		J		8.16	ppbv
001678-91-7	Cyclohexane, ethyl-	36.5		J		9.00	ppbv
003221-61-2	Octane, 2-methyl-	28.6		J		9.02	ppbv
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	36.5		J		9.12	ppbv
000926-82-9	Heptane, 3,5-dimethyl-	55.0		J		9.16	ppbv
003728-56-1	1-Ethyl-4-methylcyclohexane	30.4		J		10.1	ppbv
98-82-8	Isopropylbenzene	2.80		J		10.6	ppbv
103-65-1	n-propylbenzene	2.70		J		11.0	ppbv
98-06-6	tert-Butylbenzene	4.30		J		11.5	ppbv
000556-67-2	Cyclotetrasiloxane, octamethyl-	27.6		J		11.8	ppbv
99-87-6	p-Isopropyltoluene	1.60		J		11.9	ppbv
002847-72-5	Decane, 4-methyl-	28.1		J		12.1	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