

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-173-GW01	SDG No.:	Q1415
Lab Sample ID:	Q1415-06	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	900 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141787.D	1	02/26/25 08:45	02/26/25 17:27	PB166875

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.40	U	4.40	11.1	ug/L
108-95-2	Phenol	1.00	U	1.00	5.60	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.30	U	1.30	5.60	ug/L
95-57-8	2-Chlorophenol	0.79	U	0.79	5.60	ug/L
95-48-7	2-Methylphenol	1.30	U	1.30	5.60	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.50	U	1.50	5.60	ug/L
98-86-2	Acetophenone	1.20	U	1.20	5.60	ug/L
65794-96-9	3+4-Methylphenols	1.30	U	1.30	11.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.60	U	1.60	2.80	ug/L
67-72-1	Hexachloroethane	1.10	U	1.10	5.60	ug/L
98-95-3	Nitrobenzene	1.40	U	1.40	5.60	ug/L
78-59-1	Isophorone	1.30	U	1.30	5.60	ug/L
88-75-5	2-Nitrophenol	2.20	U	2.20	5.60	ug/L
105-67-9	2,4-Dimethylphenol	1.70	U	1.70	5.60	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.10	U	1.10	5.60	ug/L
120-83-2	2,4-Dichlorophenol	0.98	U	0.98	5.60	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.60	ug/L
106-47-8	4-Chloroaniline	1.40	UQ	1.40	5.60	ug/L
87-68-3	Hexachlorobutadiene	1.40	U	1.40	5.60	ug/L
105-60-2	Caprolactam	1.80	U	1.80	11.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.93	U	0.93	5.60	ug/L
91-57-6	2-Methylnaphthalene	1.30	U	1.30	5.60	ug/L
77-47-4	Hexachlorocyclopentadiene	5.60	U	5.60	11.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.99	U	0.99	5.60	ug/L
95-95-4	2,4,5-Trichlorophenol	1.10	U	1.10	5.60	ug/L
92-52-4	1,1-Biphenyl	1.00	U	1.00	5.60	ug/L
91-58-7	2-Chloronaphthalene	1.10	U	1.10	5.60	ug/L
88-74-4	2-Nitroaniline	1.60	U	1.60	5.60	ug/L
131-11-3	Dimethylphthalate	1.00	U	1.00	5.60	ug/L

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208-96-8	Acenaphthylene	1.20	U	1.20	5.60	ug/L
606-20-2	2,6-Dinitrotoluene	1.40	U	1.40	5.60	ug/L
99-09-2	3-Nitroaniline	1.50	UQ	1.50	5.60	ug/L
83-32-9	Acenaphthene	0.90	U	0.90	5.60	ug/L
51-28-5	2,4-Dinitrophenol	7.10	U	7.10	11.1	ug/L
100-02-7	4-Nitrophenol	2.20	U	2.20	11.1	ug/L
132-64-9	Dibenzofuran	1.00	U	1.00	5.60	ug/L
121-14-2	2,4-Dinitrotoluene	1.70	U	1.70	5.60	ug/L
84-66-2	Diethylphthalate	5.40	J	1.20	5.60	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.10	U	1.10	5.60	ug/L
86-73-7	Fluorene	1.10	U	1.10	5.60	ug/L
100-01-6	4-Nitroaniline	2.30	U	2.30	5.60	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.40	U	3.40	11.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.99	U	0.99	5.60	ug/L
101-55-3	4-Bromophenyl-phenylether	1.10	U	1.10	5.60	ug/L
118-74-1	Hexachlorobenzene	1.30	U	1.30	5.60	ug/L
1912-24-9	Atrazine	1.40	U	1.40	5.60	ug/L
87-86-5	Pentachlorophenol	2.10	U	2.10	11.1	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	5.60	ug/L
120-12-7	Anthracene	1.20	U	1.20	5.60	ug/L
86-74-8	Carbazole	1.30	U	1.30	5.60	ug/L
84-74-2	Di-n-butylphthalate	3.10	J	1.60	5.60	ug/L
206-44-0	Fluoranthene	1.40	U	1.40	5.60	ug/L
129-00-0	Pyrene	1.20	U	1.20	5.60	ug/L
85-68-7	Butylbenzylphthalate	2.30	U	2.30	5.60	ug/L
91-94-1	3,3-Dichlorobenzidine	1.40	UQ	1.40	11.1	ug/L
56-55-3	Benzo(a)anthracene	1.00	U	1.00	5.60	ug/L
218-01-9	Chrysene	0.96	U	0.96	5.60	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.10	U	2.10	5.60	ug/L
117-84-0	Di-n-octyl phthalate	2.80	U	2.80	11.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.30	U	1.30	5.60	ug/L

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207-08-9	Benzo(k)fluoranthene	1.30	U	1.30	5.60	ug/L
50-32-8	Benzo(a)pyrene	1.90	U	1.90	5.60	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.60	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.30	U	1.30	5.60	ug/L
191-24-2	Benzo(g,h,i)perylene	1.30	U	1.30	5.60	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.20	U	1.20	5.60	ug/L
123-91-1	1,4-Dioxane	3.90	J	1.40	5.60	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.88	U	0.88	5.60	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	57.4		15 (10) - 110 (139)	38%	SPK: 150
13127-88-3	Phenol-d6	37.3		15 (10) - 110 (134)	25%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.2		30 (49) - 130 (133)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		15 (44) - 110 (137)	81%	SPK: 150
1718-51-0	Terphenyl-d14	88.2		30 (48) - 130 (125)	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	70100	6.781			
1146-65-2	Naphthalene-d8	282000	8.063			
15067-26-2	Acenaphthene-d10	154000	9.81			
1517-22-2	Phenanthrene-d10	263000	11.298			
1719-03-5	Chrysene-d12	181000	13.939			
1520-96-3	Perylene-d12	167000	15.386			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown2.263	2.30	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.50	A		4.97	ug/L
000111-76-2	Ethanol, 2-butoxy-	3.30	J		5.73	ug/L
000124-18-5	Decane	4.90	J		6.61	ug/L
1000139-90-3	1-Isobutoxy-2-ethylhexane	8.80	J		6.84	ug/L
000493-02-7	Naphthalene, decahydro-, trans-	3.20	J		7.17	ug/L
	unknown8.357	3.60	J		8.36	ug/L

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1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	4.50	J		8.48	ug/L
000629-50-5	Tridecane	10.2	J		8.65	ug/L
000629-59-4	Tetradecane	8.20	J		9.22	ug/L
	unknown9.739	2.50	J		9.74	ug/L
029878-31-7	1H-Benzotriazole, 4-methyl-	10.1	J		9.99	ug/L
000119-61-9	Benzophenone	21.0	J		10.5	ug/L
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	4.70	J		10.8	ug/L
000084-78-6	1,2-Benzenedicarboxylic acid, buty	5.30	J		11.7	ug/L
000077-94-1	Butyl citrate	3.60	J		12.5	ug/L
000057-11-4	Octadecanoic acid	8.70	J		12.6	ug/L
1010353-55-8	Adipic acid, butyl 2-methylpent-3-	49.7	J		12.7	ug/L
959085-66-6	Heptadecyl heptafluorobutyrate	5.40	J		13.8	ug/L
000111-02-4	Squalene	3.20	J		14.8	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products