

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-08	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	850 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
BG064068.D	1	03/07/25 08:24	03/07/25 21:03	PB167027

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.70	U	4.70	11.8	ug/L
108-95-2	Phenol	1.10	U	1.10	5.90	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.40	U	1.40	5.90	ug/L
95-57-8	2-Chlorophenol	0.84	U	0.84	5.90	ug/L
95-48-7	2-Methylphenol	1.30	U	1.30	5.90	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.60	U	1.60	5.90	ug/L
98-86-2	Acetophenone	1.30	U	1.30	5.90	ug/L
65794-96-9	3+4-Methylphenols	1.40	U	1.40	11.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.70	U	1.70	2.90	ug/L
67-72-1	Hexachloroethane	1.20	U	1.20	5.90	ug/L
98-95-3	Nitrobenzene	1.50	U	1.50	5.90	ug/L
78-59-1	Isophorone	1.30	U	1.30	5.90	ug/L
88-75-5	2-Nitrophenol	2.30	U	2.30	5.90	ug/L
105-67-9	2,4-Dimethylphenol	1.80	U	1.80	5.90	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.20	U	1.20	5.90	ug/L
120-83-2	2,4-Dichlorophenol	1.00	U	1.00	5.90	ug/L
91-20-3	Naphthalene	1.20	U	1.20	5.90	ug/L
106-47-8	4-Chloroaniline	1.50	UQ	1.50	5.90	ug/L
87-68-3	Hexachlorobutadiene	1.50	U	1.50	5.90	ug/L
105-60-2	Caprolactam	1.90	U	1.90	11.8	ug/L
59-50-7	4-Chloro-3-methylphenol	0.99	U	0.99	5.90	ug/L
91-57-6	2-Methylnaphthalene	1.30	U	1.30	5.90	ug/L
77-47-4	Hexachlorocyclopentadiene	5.90	U	5.90	11.8	ug/L
88-06-2	2,4,6-Trichlorophenol	1.00	U	1.00	5.90	ug/L
95-95-4	2,4,5-Trichlorophenol	1.20	U	1.20	5.90	ug/L
92-52-4	1,1-Biphenyl	1.10	U	1.10	5.90	ug/L
91-58-7	2-Chloronaphthalene	1.10	U	1.10	5.90	ug/L
88-74-4	2-Nitroaniline	1.70	U	1.70	5.90	ug/L
131-11-3	Dimethylphthalate	1.10	U	1.10	5.90	ug/L

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208-96-8	Acenaphthylene	1.20	U	1.20	5.90	ug/L
606-20-2	2,6-Dinitrotoluene	1.50	U	1.50	5.90	ug/L
99-09-2	3-Nitroaniline	1.60	UQ	1.60	5.90	ug/L
83-32-9	Acenaphthene	0.95	U	0.95	5.90	ug/L
51-28-5	2,4-Dinitrophenol	7.60	U	7.60	11.8	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	11.8	ug/L
132-64-9	Dibenzofuran	1.10	U	1.10	5.90	ug/L
121-14-2	2,4-Dinitrotoluene	1.80	U	1.80	5.90	ug/L
84-66-2	Diethylphthalate	1.20	U	1.20	5.90	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.20	U	1.20	5.90	ug/L
86-73-7	Fluorene	1.10	U	1.10	5.90	ug/L
100-01-6	4-Nitroaniline	2.40	U	2.40	5.90	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.60	U	3.60	11.8	ug/L
86-30-6	n-Nitrosodiphenylamine	1.00	U	1.00	5.90	ug/L
101-55-3	4-Bromophenyl-phenylether	1.10	U	1.10	5.90	ug/L
118-74-1	Hexachlorobenzene	1.30	U	1.30	5.90	ug/L
1912-24-9	Atrazine	1.50	UQ	1.50	5.90	ug/L
87-86-5	Pentachlorophenol	2.20	U	2.20	11.8	ug/L
85-01-8	Phenanthrene	1.00	U	1.00	5.90	ug/L
120-12-7	Anthracene	1.30	U	1.30	5.90	ug/L
86-74-8	Carbazole	1.40	U	1.40	5.90	ug/L
84-74-2	Di-n-butylphthalate	1.70	U	1.70	5.90	ug/L
206-44-0	Fluoranthene	1.50	U	1.50	5.90	ug/L
129-00-0	Pyrene	1.20	U	1.20	5.90	ug/L
85-68-7	Butylbenzylphthalate	2.50	U	2.50	5.90	ug/L
91-94-1	3,3-Dichlorobenzidine	1.50	UQ	1.50	11.8	ug/L
56-55-3	Benzo(a)anthracene	1.10	U	1.10	5.90	ug/L
218-01-9	Chrysene	1.00	U	1.00	5.90	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.20	U	2.20	5.90	ug/L
117-84-0	Di-n-octyl phthalate	2.90	U	2.90	11.8	ug/L
205-99-2	Benzo(b)fluoranthene	1.30	U	1.30	5.90	ug/L

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50-32-8	Benzo(a)pyrene	2.00	U	2.00	5.90	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	U	1.20	5.90	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.40	U	1.40	5.90	ug/L
191-24-2	Benzo(g,h,i)perylene	1.40	U	1.40	5.90	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.30	U	1.30	5.90	ug/L
123-91-1	1,4-Dioxane	1.50	U	1.50	5.90	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.93	U	0.93	5.90	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	34.1		15 (10) - 110 (139)	23%	SPK: 150
13127-88-3	Phenol-d6	23.9		15 (10) - 110 (134)	16%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.0		30 (49) - 130 (133)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.3		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.2		15 (44) - 110 (137)	56%	SPK: 150
1718-51-0	Terphenyl-d14	81.2		30 (48) - 130 (125)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	34700	7.864			
1146-65-2	Naphthalene-d8	161000	10.649			
15067-26-2	Acenaphthene-d10	115000	14.486			
1517-22-2	Phenanthrene-d10	255000	17.23			
1719-03-5	Chrysene-d12	250000	21.46			
1520-96-3	Perylene-d12	270000	24.474			
TENTATIVE IDENTIFIED COMPOUNDS						
000624-92-0	Disulfide, dimethyl	4.20	J		3.81	ug/L
003658-80-8	Dimethyl trisulfide	3.00	J		7.20	ug/L
000119-61-9	Benzophenone	4.20	J		15.8	ug/L
000057-10-3	n-Hexadecanoic acid	3.60	J		18.1	ug/L
000506-51-4	n-Tetracosanol-1	3.60	J		21.1	ug/L

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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