

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-13	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	700 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
BF141871.D	1	03/05/25 08:35	03/06/25 16:29	PB166982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	5.70	U	5.70	14.3	ug/L
108-95-2	Phenol	1.30	U	1.30	7.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.70	U	1.70	7.10	ug/L
95-57-8	2-Chlorophenol	1.00	U	1.00	7.10	ug/L
95-48-7	2-Methylphenol	1.60	U	1.60	7.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.90	U	1.90	7.10	ug/L
98-86-2	Acetophenone	1.60	U	1.60	7.10	ug/L
65794-96-9	3+4-Methylphenols	1.60	U	1.60	14.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.10	U	2.10	3.60	ug/L
67-72-1	Hexachloroethane	1.40	U	1.40	7.10	ug/L
98-95-3	Nitrobenzene	1.80	U	1.80	7.10	ug/L
78-59-1	Isophorone	1.60	U	1.60	7.10	ug/L
88-75-5	2-Nitrophenol	2.80	U	2.80	7.10	ug/L
105-67-9	2,4-Dimethylphenol	2.20	U	2.20	7.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.50	U	1.50	7.10	ug/L
120-83-2	2,4-Dichlorophenol	1.30	U	1.30	7.10	ug/L
91-20-3	Naphthalene	1.50	U	1.50	7.10	ug/L
106-47-8	4-Chloroaniline	1.90	UQ	1.90	7.10	ug/L
87-68-3	Hexachlorobutadiene	1.80	U	1.80	7.10	ug/L
105-60-2	Caprolactam	19.3		2.40	14.3	ug/L
59-50-7	4-Chloro-3-methylphenol	1.20	U	1.20	7.10	ug/L
91-57-6	2-Methylnaphthalene	1.60	U	1.60	7.10	ug/L
77-47-4	Hexachlorocyclopentadiene	7.20	U	7.20	14.3	ug/L
88-06-2	2,4,6-Trichlorophenol	1.30	U	1.30	7.10	ug/L
95-95-4	2,4,5-Trichlorophenol	1.40	U	1.40	7.10	ug/L
92-52-4	1,1-Biphenyl	1.30	U	1.30	7.10	ug/L
91-58-7	2-Chloronaphthalene	1.40	U	1.40	7.10	ug/L
88-74-4	2-Nitroaniline	2.00	U	2.00	7.10	ug/L
131-11-3	Dimethylphthalate	1.30	U	1.30	7.10	ug/L

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208-96-8	Acenaphthylene	1.50	U	1.50	7.10	ug/L
606-20-2	2,6-Dinitrotoluene	1.80	U	1.80	7.10	ug/L
99-09-2	3-Nitroaniline	2.00	UQ	2.00	7.10	ug/L
83-32-9	Acenaphthene	1.20	U	1.20	7.10	ug/L
51-28-5	2,4-Dinitrophenol	9.20	U	9.20	14.3	ug/L
100-02-7	4-Nitrophenol	2.90	U	2.90	14.3	ug/L
132-64-9	Dibenzofuran	1.30	U	1.30	7.10	ug/L
121-14-2	2,4-Dinitrotoluene	2.20	U	2.20	7.10	ug/L
84-66-2	Diethylphthalate	1.50	U	1.50	7.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.40	U	1.40	7.10	ug/L
86-73-7	Fluorene	1.40	U	1.40	7.10	ug/L
100-01-6	4-Nitroaniline	2.90	U	2.90	7.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.40	U	4.40	14.3	ug/L
86-30-6	n-Nitrosodiphenylamine	1.30	U	1.30	7.10	ug/L
101-55-3	4-Bromophenyl-phenylether	1.40	U	1.40	7.10	ug/L
118-74-1	Hexachlorobenzene	1.60	U	1.60	7.10	ug/L
1912-24-9	Atrazine	1.80	U	1.80	7.10	ug/L
87-86-5	Pentachlorophenol	2.60	U	2.60	14.3	ug/L
85-01-8	Phenanthrene	1.30	U	1.30	7.10	ug/L
120-12-7	Anthracene	1.50	U	1.50	7.10	ug/L
86-74-8	Carbazole	1.60	U	1.60	7.10	ug/L
84-74-2	Di-n-butylphthalate	2.10	U	2.10	7.10	ug/L
206-44-0	Fluoranthene	1.80	U	1.80	7.10	ug/L
129-00-0	Pyrene	1.50	U	1.50	7.10	ug/L
85-68-7	Butylbenzylphthalate	3.00	U	3.00	7.10	ug/L
91-94-1	3,3-Dichlorobenzidine	1.80	UQ	1.80	14.3	ug/L
56-55-3	Benzo(a)anthracene	1.30	U	1.30	7.10	ug/L
218-01-9	Chrysene	1.20	U	1.20	7.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.70	U	2.70	7.10	ug/L
117-84-0	Di-n-octyl phthalate	3.60	U	3.60	14.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.60	U	1.60	7.10	ug/L

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207-08-9	Benzo(k)fluoranthene	1.70	U	1.70	7.10	ug/L
50-32-8	Benzo(a)pyrene	2.40	U	2.40	7.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.50	U	1.50	7.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.60	U	1.60	7.10	ug/L
191-24-2	Benzo(g,h,i)perylene	1.70	U	1.70	7.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.60	U	1.60	7.10	ug/L
123-91-1	1,4-Dioxane	1.80	U	1.80	7.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.10	U	1.10	7.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	82.7		15 (10) - 110 (139)	55%	SPK: 150
13127-88-3	Phenol-d6	55.0		15 (10) - 110 (134)	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	112		30 (49) - 130 (133)	112%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.5		30 (52) - 130 (132)	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	174	*	15 (44) - 110 (137)	116%	SPK: 150
1718-51-0	Terphenyl-d14	87.7		30 (48) - 130 (125)	88%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	158000	6.887
1146-65-2	Naphthalene-d8	632000	8.163
15067-26-2	Acenaphthene-d10	343000	9.916
1517-22-2	Phenanthrene-d10	586000	11.404
1719-03-5	Chrysene-d12	449000	14.039
1520-96-3	Perylene-d12	461000	15.51

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	140	J	2.16	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.30	A	5.10	ug/L
000104-76-7	1-Hexanol, 2-ethyl-	14.1	J	6.94	ug/L
000149-57-5	Hexanoic acid, 2-ethyl-	5.80	J	7.53	ug/L
000124-07-2	Octanoic acid	3.00	J	7.88	ug/L
000112-05-0	Nonanoic acid	5.80	J	8.50	ug/L
006846-50-0	2,2,4-Trimethyl-1,3-pentanediol di	4.10	J	10.3	ug/L

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000119-61-9	Benzophenone	16.0	J		10.6	ug/L
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	3.30	J		10.9	ug/L
004337-65-9	Hexanedioic acid, mono(2-ethylhexy	7.50	J		11.5	ug/L
000057-10-3	n-Hexadecanoic acid	15.9	J		11.9	ug/L
000077-94-1	Butyl citrate	3.80	J		12.6	ug/L
000057-11-4	Octadecanoic acid	4.50	J		12.7	ug/L
1000353-59-6	Adipic acid, 2-decyl isobutyl ester	74.1	J		12.8	ug/L
000295-48-7	Cyclopentadecane	4.60	J		13.9	ug/L
007683-64-9	Supraene	3.20	J		14.9	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