

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	WB-305-SW	SDG No.:	P4578
Lab Sample ID:	P4578-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	490 Units: mL	Final Vol:	500 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
BF140193.D	1	10/30/24 08:50	10/31/24 17:01	PB164533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.2	ug/L
108-95-2	Phenol	0.95	U	0.95	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.10	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	5.10	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.10	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.10	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.10	ug/L
78-59-1	Isophorone	1.20	U	1.20	5.10	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.90	U	0.90	5.10	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.10	ug/L
106-47-8	4-Chloroaniline	1.30	UQ	1.30	5.10	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.10	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	5.10	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	5.10	UQ	5.10	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.10	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	5.10	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.10	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	5.10	ug/L

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208-96-8	Acenaphthylene	1.10	U	1.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.10	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.10	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.2	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.10	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.10	ug/L
86-73-7	Fluorene	0.98	U	0.98	5.10	ug/L
100-01-6	4-Nitroaniline	2.10	U	2.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	5.10	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.10	ug/L
1912-24-9	Atrazine	1.30	U	1.30	5.10	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	5.10	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.10	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.10	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.10	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	5.10	ug/L
218-01-9	Chrysene	0.88	U	0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.10	ug/L

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207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.10	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.10	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	5.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	13.7	*	15 (10) - 110 (139)	9%	SPK: 150
13127-88-3	Phenol-d6	12.7	*	15 (10) - 110 (134)	8%	SPK: 150
4165-60-0	Nitrobenzene-d5	17.0	*	30 (49) - 130 (133)	17%	SPK: 100
321-60-8	2-Fluorobiphenyl	18.7	*	30 (52) - 130 (132)	19%	SPK: 100
118-79-6	2,4,6-Tribromophenol	30.3		15 (44) - 110 (137)	20%	SPK: 150
1718-51-0	Terphenyl-d14	23.4	*	30 (48) - 130 (125)	23%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	185000	6.886
1146-65-2	Naphthalene-d8	677000	8.163
15067-26-2	Acenaphthene-d10	335000	9.927
1517-22-2	Phenanthrene-d10	528000	11.416
1719-03-5	Chrysene-d12	331000	14.068
1520-96-3	Perylene-d12	264000	15.574

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	87.0	J	2.15	ug/L
000119-61-9	Benzophenone	7.30	J	10.6	ug/L
000057-10-3	n-Hexadecanoic acid	9.00	J	11.9	ug/L
000057-11-4	Octadecanoic acid	3.60	J	12.7	ug/L
027519-02-4	9-Tricosene, (Z)-	5.80	J	13.9	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