

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164369BSD	SDG No.:	P4460
Lab Sample ID:	PB164369BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 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
BM048233.D	1	10/23/24 09:50	10/25/24 12:58	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	14.2		4.00	10.0	ug/L
108-95-2	Phenol	49.6		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.8		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	50.0		0.71	5.00	ug/L
95-48-7	2-Methylphenol	48.8		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.4		1.40	5.00	ug/L
98-86-2	Acetophenone	47.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	47.4		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.8		1.50	2.50	ug/L
67-72-1	Hexachloroethane	46.1		1.00	5.00	ug/L
98-95-3	Nitrobenzene	46.8		1.30	5.00	ug/L
78-59-1	Isophorone	47.3		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	50.6		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	60.9		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.6		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	50.0		0.88	5.00	ug/L
91-20-3	Naphthalene	46.7		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	20.7		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.5		1.30	5.00	ug/L
105-60-2	Caprolactam	41.5		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	45.9		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	46.5		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	210	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.8		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.7		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	49.3		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	48.5		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	50.2		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	47.4		0.93	5.00	ug/L

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208-96-8	Acenaphthylene	51.7		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.0		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	29.2		1.40	5.00	ug/L
83-32-9	Acenaphthene	48.8		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	96.2	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	96.1	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	47.5		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	46.6		1.50	5.00	ug/L
84-66-2	Diethylphthalate	46.1		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.7		0.98	5.00	ug/L
86-73-7	Fluorene	45.8		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	45.4		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.3		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	52.9		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	50.7		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	49.4		1.10	5.00	ug/L
1912-24-9	Atrazine	64.2		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	97.2	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	50.2		0.89	5.00	ug/L
120-12-7	Anthracene	52.6		1.10	5.00	ug/L
86-74-8	Carbazole	47.5		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	48.6		1.50	5.00	ug/L
206-44-0	Fluoranthene	44.3		1.30	5.00	ug/L
129-00-0	Pyrene	54.5		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	52.8		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	34.7		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	50.9		0.94	5.00	ug/L
218-01-9	Chrysene	50.1		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.9		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	49.5		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	51.5		1.10	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	52.7		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	55.5		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.1		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.6		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.9		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.6		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	40.0		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.3		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	146		15 (10) - 110 (139)	97%	SPK: 150
13127-88-3	Phenol-d6	135		15 (10) - 110 (134)	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.8		30 (49) - 130 (133)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.5		30 (52) - 130 (132)	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		15 (44) - 110 (137)	88%	SPK: 150
1718-51-0	Terphenyl-d14	110		30 (48) - 130 (125)	110%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	239000	7.716			
1146-65-2	Naphthalene-d8	913000	10.504			
15067-26-2	Acenaphthene-d10	513000	14.363			
1517-22-2	Phenanthrene-d10	916000	17.104			
1719-03-5	Chrysene-d12	699000	21.333			
1520-96-3	Perylene-d12	738000	24.28			

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