

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-149-SB01	SDG No.:	Q1746
Lab Sample ID:	Q1746-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.3
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024240.D	1	04/08/25 08:59	04/09/25 18:22	PB167509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	370	ug/Kg
108-95-2	Phenol	24.7	U	24.7	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.2	U	27.2	190	ug/Kg
95-57-8	2-Chlorophenol	27.3	U	27.3	190	ug/Kg
95-48-7	2-Methylphenol	33.4	U	33.4	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42.0	U	42.0	190	ug/Kg
98-86-2	Acetophenone	33.0	U	33.0	190	ug/Kg
65794-96-9	3+4-Methylphenols	46.0	U	46.0	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.0	U	53.0	89.5	ug/Kg
67-72-1	Hexachloroethane	19.7	U	19.7	190	ug/Kg
98-95-3	Nitrobenzene	20.5	U	20.5	190	ug/Kg
78-59-1	Isophorone	36.7	U	36.7	190	ug/Kg
88-75-5	2-Nitrophenol	65.1	U	65.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	72.5	U	72.5	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	34.5	U	34.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.7	U	31.7	190	ug/Kg
91-20-3	Naphthalene	25.4	U	25.4	190	ug/Kg
106-47-8	4-Chloroaniline	39.6	UQ	39.6	190	ug/Kg
87-68-3	Hexachlorobutadiene	28.3	U	28.3	190	ug/Kg
105-60-2	Caprolactam	58.3	U	58.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32.1	U	32.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.6	U	28.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UQ	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.2	U	22.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.6	U	32.6	190	ug/Kg
92-52-4	1,1-Biphenyl	24.4	U	24.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	25.2	U	25.2	190	ug/Kg
88-74-4	2-Nitroaniline	53.8	U	53.8	190	ug/Kg
131-11-3	Dimethylphthalate	30.3	U	30.3	190	ug/Kg

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208-96-8	Acenaphthylene	32.3	U	32.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.6	U	37.6	190	ug/Kg
99-09-2	3-Nitroaniline	51.5	UQ	51.5	190	ug/Kg
83-32-9	Acenaphthene	23.8	U	23.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	370	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	370	ug/Kg
132-64-9	Dibenzofuran	25.4	U	25.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.0	U	56.0	190	ug/Kg
84-66-2	Diethylphthalate	31.7	U	31.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.9	U	29.9	190	ug/Kg
86-73-7	Fluorene	28.3	U	28.3	190	ug/Kg
100-01-6	4-Nitroaniline	71.8	U	71.8	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.8	U	36.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31.1	U	31.1	190	ug/Kg
118-74-1	Hexachlorobenzene	28.3	U	28.3	190	ug/Kg
1912-24-9	Atrazine	38.0	U	38.0	190	ug/Kg
87-86-5	Pentachlorophenol	57.4	U	57.4	370	ug/Kg
85-01-8	Phenanthrene	110	J	23.4	190	ug/Kg
120-12-7	Anthracene	37.3	U	37.3	190	ug/Kg
86-74-8	Carbazole	34.9	U	34.9	190	ug/Kg
84-74-2	Di-n-butylphthalate	53.6	U	53.6	190	ug/Kg
206-44-0	Fluoranthene	200		33.6	190	ug/Kg
129-00-0	Pyrene	190		40.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	79.9	U	79.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41.1	U	41.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	25.7	190	ug/Kg
218-01-9	Chrysene	120	J	22.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.2	U	66.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	97.1	U	97.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	21.3	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	25.1	U	25.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	33.0	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.6	U	32.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.7	U	30.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.8	U	28.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.6	U	28.6	190	ug/Kg
123-91-1	1,4-Dioxane	50.6	U	50.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.7	U	30.7	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	107		30 (18) - 130 (112)	71%	SPK: 150
13127-88-3	Phenol-d6	105		30 (15) - 130 (107)	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.2		30 (18) - 130 (107)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.6		30 (20) - 130 (109)	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		30 (10) - 130 (116)	69%	SPK: 150
1718-51-0	Terphenyl-d14	62.9		30 (10) - 130 (105)	63%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	274000	7.74
1146-65-2	Naphthalene-d8	1110000	10.516
15067-26-2	Acenaphthene-d10	675000	14.375
1517-22-2	Phenanthrene-d10	1350000	17.175
1719-03-5	Chrysene-d12	1470000	21.621
1520-96-3	Perylene-d12	1670000	24.992

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	350	AB	4.90	ug/Kg
000119-61-9	Benzophenone	290	J	15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	210	JB	18.1	ug/Kg
000077-94-1	Butyl citrate	120	J	19.6	ug/Kg
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	160	J	20.7	ug/Kg
074685-33-9	3-Eicosene, (E)-	75.3	J	21.3	ug/Kg

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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