

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-202-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.4
Sample Wt/Vol:	30.08 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
BP024899.D	1	06/04/25 12:45	06/10/25 18:30	PB168259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	25.8	U	25.8	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.4	U	28.4	200	ug/Kg
95-57-8	2-Chlorophenol	28.5	U	28.5	200	ug/Kg
95-48-7	2-Methylphenol	34.9	U	34.9	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.8	U	43.8	200	ug/Kg
98-86-2	Acetophenone	34.5	U	34.5	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.0	U	48.0	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.4	U	55.4	93.4	ug/Kg
67-72-1	Hexachloroethane	20.6	U	20.6	200	ug/Kg
98-95-3	Nitrobenzene	21.4	U	21.4	200	ug/Kg
78-59-1	Isophorone	38.3	U	38.3	200	ug/Kg
88-75-5	2-Nitrophenol	68.0	U	68.0	200	ug/Kg
105-67-9	2,4-Dimethylphenol	75.7	U	75.7	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.0	U	36.0	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.1	U	33.1	200	ug/Kg
91-20-3	Naphthalene	26.5	U	26.5	200	ug/Kg
106-47-8	4-Chloroaniline	41.3	UQ	41.3	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.5	U	29.5	200	ug/Kg
105-60-2	Caprolactam	60.8	U	60.8	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.5	U	33.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	29.9	U	29.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.1	U	23.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.0	U	34.0	200	ug/Kg
92-52-4	1,1-Biphenyl	25.5	U	25.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.3	U	26.3	200	ug/Kg
88-74-4	2-Nitroaniline	56.2	U	56.2	200	ug/Kg
131-11-3	Dimethylphthalate	31.6	U	31.6	200	ug/Kg

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208-96-8	Acenaphthylene	33.8	U	33.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.2	U	39.2	200	ug/Kg
99-09-2	3-Nitroaniline	53.7	UQ	53.7	200	ug/Kg
83-32-9	Acenaphthene	24.9	U	24.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	390	ug/Kg
132-64-9	Dibenzofuran	26.5	U	26.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.5	U	58.5	200	ug/Kg
84-66-2	Diethylphthalate	33.1	U	33.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.2	U	31.2	200	ug/Kg
86-73-7	Fluorene	29.5	U	29.5	200	ug/Kg
100-01-6	4-Nitroaniline	75.0	U	75.0	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.4	U	38.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.5	U	32.5	200	ug/Kg
118-74-1	Hexachlorobenzene	29.5	U	29.5	200	ug/Kg
1912-24-9	Atrazine	39.7	U	39.7	200	ug/Kg
87-86-5	Pentachlorophenol	59.9	U	59.9	390	ug/Kg
85-01-8	Phenanthrene	230		24.4	200	ug/Kg
120-12-7	Anthracene	38.9	U	38.9	200	ug/Kg
86-74-8	Carbazole	36.4	U	36.4	200	ug/Kg
84-74-2	Di-n-butylphthalate	55.9	U	55.9	200	ug/Kg
206-44-0	Fluoranthene	250		35.0	200	ug/Kg
129-00-0	Pyrene	220		42.0	200	ug/Kg
85-68-7	Butylbenzylphthalate	83.4	U	83.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.9	UQ	42.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	92.0	J	26.9	200	ug/Kg
218-01-9	Chrysene	95.1	J	23.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69.1	U	69.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.0	J	22.2	200	ug/Kg

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50-32-8	Benzo(a)pyrene	87.1	J	34.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.0	U	34.0	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.0	U	32.0	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.0	U	30.0	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.9	U	29.9	200	ug/Kg
123-91-1	1,4-Dioxane	52.8	U	52.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.0	U	32.0	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	107		30 (18) - 130 (112)	71%	SPK: 150
13127-88-3	Phenol-d6	107		30 (15) - 130 (107)	71%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.5		30 (18) - 130 (107)	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.6		30 (20) - 130 (109)	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		30 (10) - 130 (116)	75%	SPK: 150
1718-51-0	Terphenyl-d14	55.9		30 (10) - 130 (105)	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	259000	7.608
1146-65-2	Naphthalene-d8	1050000	10.378
15067-26-2	Acenaphthene-d10	660000	14.248
1517-22-2	Phenanthrene-d10	1280000	17.054
1719-03-5	Chrysene-d12	1410000	21.489
1520-96-3	Perylene-d12	1730000	24.766

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	AB	4.77	ug/Kg
000119-61-9	Benzophenone	380	J	15.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	260	J	18.0	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