

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.9
Sample Wt/Vol:	30.05 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
BF142651.D	1	06/05/25 09:40	06/06/25 17:31	PB168300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	220	U	220	460	ug/Kg
108-95-2	Phenol	30.7	U	30.7	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	33.7	U	33.7	240	ug/Kg
95-57-8	2-Chlorophenol	33.9	U	33.9	240	ug/Kg
95-48-7	2-Methylphenol	41.5	U	41.5	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52.1	U	52.1	240	ug/Kg
98-86-2	Acetophenone	41.0	U	41.0	240	ug/Kg
65794-96-9	3+4-Methylphenols	57.1	U	57.1	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.8	U	65.8	110	ug/Kg
67-72-1	Hexachloroethane	24.4	U	24.4	240	ug/Kg
98-95-3	Nitrobenzene	25.4	U	25.4	240	ug/Kg
78-59-1	Isophorone	45.5	U	45.5	240	ug/Kg
88-75-5	2-Nitrophenol	80.8	U	80.8	240	ug/Kg
105-67-9	2,4-Dimethylphenol	90.0	U	90.0	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	42.8	U	42.8	240	ug/Kg
120-83-2	2,4-Dichlorophenol	39.3	U	39.3	240	ug/Kg
91-20-3	Naphthalene	31.5	U	31.5	240	ug/Kg
106-47-8	4-Chloroaniline	49.2	UQ	49.2	240	ug/Kg
87-68-3	Hexachlorobutadiene	35.1	U	35.1	240	ug/Kg
105-60-2	Caprolactam	72.3	U	72.3	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39.9	U	39.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	35.5	U	35.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27.5	U	27.5	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40.4	U	40.4	240	ug/Kg
92-52-4	1,1-Biphenyl	30.3	U	30.3	240	ug/Kg
91-58-7	2-Chloronaphthalene	31.2	U	31.2	240	ug/Kg
88-74-4	2-Nitroaniline	66.8	U	66.8	240	ug/Kg
131-11-3	Dimethylphthalate	37.6	U	37.6	240	ug/Kg

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208-96-8	Acenaphthylene	40.1	U	40.1	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	46.7	U	46.7	240	ug/Kg
99-09-2	3-Nitroaniline	63.9	U	63.9	240	ug/Kg
83-32-9	Acenaphthene	29.6	U	29.6	240	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	460	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	460	ug/Kg
132-64-9	Dibenzofuran	31.5	U	31.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	69.6	U	69.6	240	ug/Kg
84-66-2	Diethylphthalate	39.3	U	39.3	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	37.1	U	37.1	240	ug/Kg
86-73-7	Fluorene	35.1	U	35.1	240	ug/Kg
100-01-6	4-Nitroaniline	89.1	U	89.1	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	45.7	U	45.7	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38.6	U	38.6	240	ug/Kg
118-74-1	Hexachlorobenzene	35.1	U	35.1	240	ug/Kg
1912-24-9	Atrazine	47.2	U	47.2	240	ug/Kg
87-86-5	Pentachlorophenol	71.2	U	71.2	460	ug/Kg
85-01-8	Phenanthrene	170	J	29.0	240	ug/Kg
120-12-7	Anthracene	46.2	U	46.2	240	ug/Kg
86-74-8	Carbazole	43.3	U	43.3	240	ug/Kg
84-74-2	Di-n-butylphthalate	66.5	U	66.5	240	ug/Kg
206-44-0	Fluoranthene	180	J	41.7	240	ug/Kg
129-00-0	Pyrene	130	J	50.0	240	ug/Kg
85-68-7	Butylbenzylphthalate	99.1	U	99.1	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51.0	U	51.0	460	ug/Kg
56-55-3	Benzo(a)anthracene	31.9	U	31.9	240	ug/Kg
218-01-9	Chrysene	27.6	U	27.6	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	82.2	U	82.2	240	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	26.4	U	26.4	240	ug/Kg

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207-08-9	Benzo(k)fluoranthene	31.1	U	31.1	240	ug/Kg
50-32-8	Benzo(a)pyrene	41.0	U	41.0	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40.4	U	40.4	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38.0	U	38.0	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35.7	U	35.7	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35.5	U	35.5	240	ug/Kg
123-91-1	1,4-Dioxane	62.8	U	62.8	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38.0	U	38.0	240	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	79.0		30 (18) - 130 (112)	53%	SPK: 150
13127-88-3	Phenol-d6	80.5		30 (15) - 130 (107)	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.2		30 (18) - 130 (107)	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.5		30 (20) - 130 (109)	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	72.6		30 (10) - 130 (116)	48%	SPK: 150
1718-51-0	Terphenyl-d14	39.0		30 (10) - 130 (105)	39%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	123000	6.893
1146-65-2	Naphthalene-d8	477000	8.175
15067-26-2	Acenaphthene-d10	249000	9.934
1517-22-2	Phenanthrene-d10	372000	11.422
1719-03-5	Chrysene-d12	223000	14.063
1520-96-3	Perylene-d12	272000	15.557

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	300	AB	5.11	ug/Kg
000119-61-9	Benzophenone	430	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	140	J	11.9	ug/Kg
006222-03-3	Trifluoroacetoxy hexadecane	170	J	13.9	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