

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	75.1
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
BF142272.D	1	04/29/25 09:30	05/01/25 20:49	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	210	U	210	440	ug/Kg
108-95-2	Phenol	29.4	U	29.4	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	32.3	U	32.3	230	ug/Kg
95-57-8	2-Chlorophenol	32.5	U	32.5	230	ug/Kg
95-48-7	2-Methylphenol	39.8	U	39.8	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49.9	U	49.9	230	ug/Kg
98-86-2	Acetophenone	39.2	U	39.2	230	ug/Kg
65794-96-9	3+4-Methylphenols	54.7	U	54.7	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	63.1	U	63.1	110	ug/Kg
67-72-1	Hexachloroethane	23.4	U	23.4	230	ug/Kg
98-95-3	Nitrobenzene	24.3	U	24.3	230	ug/Kg
78-59-1	Isophorone	43.6	U	43.6	230	ug/Kg
88-75-5	2-Nitrophenol	77.4	U	77.4	230	ug/Kg
105-67-9	2,4-Dimethylphenol	86.2	U	86.2	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	41.0	U	41.0	230	ug/Kg
120-83-2	2,4-Dichlorophenol	37.6	U	37.6	230	ug/Kg
91-20-3	Naphthalene	30.2	U	30.2	230	ug/Kg
106-47-8	4-Chloroaniline	47.1	UQ	47.1	230	ug/Kg
87-68-3	Hexachlorobutadiene	33.7	U	33.7	230	ug/Kg
105-60-2	Caprolactam	69.3	U	69.3	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38.2	U	38.2	230	ug/Kg
91-57-6	2-Methylnaphthalene	34.1	U	34.1	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26.3	U	26.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38.7	U	38.7	230	ug/Kg
92-52-4	1,1-Biphenyl	29.0	U	29.0	230	ug/Kg
91-58-7	2-Chloronaphthalene	29.9	U	29.9	230	ug/Kg
88-74-4	2-Nitroaniline	64.0	U	64.0	230	ug/Kg
131-11-3	Dimethylphthalate	36.0	U	36.0	230	ug/Kg

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208-96-8	Acenaphthylene	38.4	U	38.4	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	44.7	U	44.7	230	ug/Kg
99-09-2	3-Nitroaniline	61.2	UQ	61.2	230	ug/Kg
83-32-9	Acenaphthene	28.3	U	28.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	440	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	440	ug/Kg
132-64-9	Dibenzofuran	30.2	U	30.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	66.6	U	66.6	230	ug/Kg
84-66-2	Diethylphthalate	37.6	U	37.6	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35.5	U	35.5	230	ug/Kg
86-73-7	Fluorene	33.7	U	33.7	230	ug/Kg
100-01-6	4-Nitroaniline	85.4	U	85.4	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	43.8	U	43.8	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37.0	U	37.0	230	ug/Kg
118-74-1	Hexachlorobenzene	33.7	U	33.7	230	ug/Kg
1912-24-9	Atrazine	45.2	U	45.2	230	ug/Kg
87-86-5	Pentachlorophenol	68.2	U	68.2	440	ug/Kg
85-01-8	Phenanthrene	27.8	U	27.8	230	ug/Kg
120-12-7	Anthracene	44.3	U	44.3	230	ug/Kg
86-74-8	Carbazole	41.5	U	41.5	230	ug/Kg
84-74-2	Di-n-butylphthalate	63.7	U	63.7	230	ug/Kg
206-44-0	Fluoranthene	39.9	U	39.9	230	ug/Kg
129-00-0	Pyrene	47.9	U	47.9	230	ug/Kg
85-68-7	Butylbenzylphthalate	95.0	U	95.0	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48.8	UQ	48.8	440	ug/Kg
56-55-3	Benzo(a)anthracene	30.6	U	30.6	230	ug/Kg
218-01-9	Chrysene	26.5	U	26.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78.7	U	78.7	230	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	25.3	U	25.3	230	ug/Kg

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207-08-9	Benzo(k)fluoranthene	29.8	U	29.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	39.2	U	39.2	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38.7	U	38.7	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36.4	U	36.4	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34.2	U	34.2	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34.1	U	34.1	230	ug/Kg
123-91-1	1,4-Dioxane	60.1	U	60.1	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36.4	U	36.4	230	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	74.0		30 (18) - 130 (112)	49%	SPK: 150
13127-88-3	Phenol-d6	75.3		30 (15) - 130 (107)	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.9		30 (18) - 130 (107)	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.8		30 (20) - 130 (109)	54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.2		30 (10) - 130 (116)	52%	SPK: 150
1718-51-0	Terphenyl-d14	37.4		30 (10) - 130 (105)	37%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	191000	6.904
1146-65-2	Naphthalene-d8	721000	8.186
15067-26-2	Acenaphthene-d10	342000	9.939
1517-22-2	Phenanthrene-d10	491000	11.427
1719-03-5	Chrysene-d12	440000	14.062
1520-96-3	Perylene-d12	434000	15.557

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	300	AB	5.12	ug/Kg
000119-61-9	Benzophenone	220	J	10.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	210	J	12.0	ug/Kg
006222-03-3	Trifluoroacetoxy hexadecane	410	J	13.9	ug/Kg
001599-67-3	1-Docosene	370	J	14.5	ug/Kg
000489-39-4	Aromandendrene	150	J	17.3	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