

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-158-SB02	SDG No.:	Q1744
Lab Sample ID:	Q1744-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	56
Sample Wt/Vol:	30.06 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
BM049869.D	1	04/08/25 08:59	04/09/25 15:45	PB167509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	280	U	280	590	ug/Kg
108-95-2	Phenol	39.4	U	39.4	300	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	43.3	U	43.3	300	ug/Kg
95-57-8	2-Chlorophenol	43.5	U	43.5	300	ug/Kg
95-48-7	2-Methylphenol	53.3	U	53.3	300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66.8	U	66.8	300	ug/Kg
98-86-2	Acetophenone	52.6	U	52.6	300	ug/Kg
65794-96-9	3+4-Methylphenols	73.2	U	73.2	590	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	84.5	U	84.5	140	ug/Kg
67-72-1	Hexachloroethane	31.4	U	31.4	300	ug/Kg
98-95-3	Nitrobenzene	32.6	U	32.6	300	ug/Kg
78-59-1	Isophorone	58.5	U	58.5	300	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	300	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.9	U	54.9	300	ug/Kg
120-83-2	2,4-Dichlorophenol	50.4	U	50.4	300	ug/Kg
91-20-3	Naphthalene	40.5	U	40.5	300	ug/Kg
106-47-8	4-Chloroaniline	63.1	UQ	63.1	300	ug/Kg
87-68-3	Hexachlorobutadiene	45.1	U	45.1	300	ug/Kg
105-60-2	Caprolactam	92.9	U	92.9	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.1	U	51.1	300	ug/Kg
91-57-6	2-Methylnaphthalene	45.6	U	45.6	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	UQ	210	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	35.3	U	35.3	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.9	U	51.9	300	ug/Kg
92-52-4	1,1-Biphenyl	38.9	U	38.9	300	ug/Kg
91-58-7	2-Chloronaphthalene	40.1	U	40.1	300	ug/Kg
88-74-4	2-Nitroaniline	85.7	U	85.7	300	ug/Kg
131-11-3	Dimethylphthalate	48.3	U	48.3	300	ug/Kg

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208-96-8	Acenaphthylene	51.5	U	51.5	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.9	U	59.9	300	ug/Kg
99-09-2	3-Nitroaniline	82.0	UQ	82.0	300	ug/Kg
83-32-9	Acenaphthene	38.0	U	38.0	300	ug/Kg
51-28-5	2,4-Dinitrophenol	410	U	410	590	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	590	ug/Kg
132-64-9	Dibenzofuran	40.5	U	40.5	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	89.3	U	89.3	300	ug/Kg
84-66-2	Diethylphthalate	50.4	U	50.4	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47.6	U	47.6	300	ug/Kg
86-73-7	Fluorene	45.1	U	45.1	300	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	590	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.6	U	58.6	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.5	U	49.5	300	ug/Kg
118-74-1	Hexachlorobenzene	45.1	U	45.1	300	ug/Kg
1912-24-9	Atrazine	60.6	U	60.6	300	ug/Kg
87-86-5	Pentachlorophenol	91.4	U	91.4	590	ug/Kg
85-01-8	Phenanthrene	37.2	U	37.2	300	ug/Kg
120-12-7	Anthracene	59.3	U	59.3	300	ug/Kg
86-74-8	Carbazole	55.6	U	55.6	300	ug/Kg
84-74-2	Di-n-butylphthalate	85.4	U	85.4	300	ug/Kg
206-44-0	Fluoranthene	53.5	U	53.5	300	ug/Kg
129-00-0	Pyrene	64.2	U	64.2	300	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.4	U	65.4	590	ug/Kg
56-55-3	Benzo(a)anthracene	41.0	U	41.0	300	ug/Kg
218-01-9	Chrysene	35.5	U	35.5	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	300	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	33.9	300	ug/Kg

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207-08-9	Benzo(k)fluoranthene	130	J	39.9	300	ug/Kg
50-32-8	Benzo(a)pyrene	52.6	U	52.6	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.9	U	51.9	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.8	U	48.8	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45.8	U	45.8	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45.6	U	45.6	300	ug/Kg
123-91-1	1,4-Dioxane	80.6	U	80.6	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.8	U	48.8	300	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	100		30 (18) - 130 (112)	67%	SPK: 150
13127-88-3	Phenol-d6	101		30 (15) - 130 (107)	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	67.9		30 (18) - 130 (107)	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.4		30 (20) - 130 (109)	65%	SPK: 100
118-79-6	2,4,6-Tribromophenol	108		30 (10) - 130 (116)	72%	SPK: 150
1718-51-0	Terphenyl-d14	74.8		30 (10) - 130 (105)	75%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	346000	7.781
1146-65-2	Naphthalene-d8	1230000	10.575
15067-26-2	Acenaphthene-d10	818000	14.421
1517-22-2	Phenanthrene-d10	1630000	17.162
1719-03-5	Chrysene-d12	1500000	21.397
1520-96-3	Perylene-d12	1630000	24.397

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	530	AB	4.90	ug/Kg
000119-61-9	Benzophenone	460	J	15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	440	JB	18.1	ug/Kg
000297-03-0	Cyclotetrasiloxane	240	J	21.1	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