

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/23/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/25/25
Client Sample ID:	B-154-SB01MSD	SDG No.:	Q1422
Lab Sample ID:	Q1422-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.4
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
BF141785.D	1	02/26/25 08:35	02/26/25 16:28	PB166870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	950		210	370	ug/Kg
108-95-2	Phenol	1600		93.6	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		94.5	190	ug/Kg
95-57-8	2-Chlorophenol	1600		94.3	190	ug/Kg
95-48-7	2-Methylphenol	1600		91.0	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		100	190	ug/Kg
98-86-2	Acetophenone	1700		98.1	190	ug/Kg
65794-96-9	3+4-Methylphenols	1600		90.1	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		45.5	90.3	ug/Kg
67-72-1	Hexachloroethane	1500		93.7	190	ug/Kg
98-95-3	Nitrobenzene	1500		100	190	ug/Kg
78-59-1	Isophorone	1600		95.5	190	ug/Kg
88-75-5	2-Nitrophenol	1600		110	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		110	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		96.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		85.3	190	ug/Kg
91-20-3	Naphthalene	1500		93.3	190	ug/Kg
106-47-8	4-Chloroaniline	520		93.3	190	ug/Kg
87-68-3	Hexachlorobutadiene	1600		94.1	190	ug/Kg
105-60-2	Caprolactam	1800		98.0	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		87.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	1500		93.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	180	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		80.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		83.6	190	ug/Kg
92-52-4	1,1-Biphenyl	1700		98.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	1500		94.1	190	ug/Kg
88-74-4	2-Nitroaniline	1500		110	190	ug/Kg
131-11-3	Dimethylphthalate	1600		92.3	190	ug/Kg

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208-96-8	Acenaphthylene	1600		97.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		94.0	190	ug/Kg
99-09-2	3-Nitroaniline	900		100	190	ug/Kg
83-32-9	Acenaphthene	1500		91.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	2600		270	370	ug/Kg
100-02-7	4-Nitrophenol	2900		130	370	ug/Kg
132-64-9	Dibenzofuran	1500		95.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		97.3	190	ug/Kg
84-66-2	Diethylphthalate	1500		90.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		96.7	190	ug/Kg
86-73-7	Fluorene	1600		96.6	190	ug/Kg
100-01-6	4-Nitroaniline	1500		120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		130	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		92.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		89.1	190	ug/Kg
118-74-1	Hexachlorobenzene	1600		96.0	190	ug/Kg
1912-24-9	Atrazine	2000		100	190	ug/Kg
87-86-5	Pentachlorophenol	2500		87.3	370	ug/Kg
85-01-8	Phenanthrene	1600		94.9	190	ug/Kg
120-12-7	Anthracene	1700		95.3	190	ug/Kg
86-74-8	Carbazole	1600		90.7	190	ug/Kg
84-74-2	Di-n-butylphthalate	1600		95.2	190	ug/Kg
206-44-0	Fluoranthene	1600		92.3	190	ug/Kg
129-00-0	Pyrene	1600		93.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	1800		110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		110	370	ug/Kg
56-55-3	Benzo(a)anthracene	1600		91.1	190	ug/Kg
218-01-9	Chrysene	1600		89.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		100	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		120	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		91.6	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1700		93.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1600		110	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		88.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		91.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		90.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		98.0	190	ug/Kg
123-91-1	1,4-Dioxane	1600		120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		84.4	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.8		30 (18) - 130 (112)	59%	SPK: 150
13127-88-3	Phenol-d6	86.3		30 (15) - 130 (107)	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.9		30 (18) - 130 (107)	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.6		30 (20) - 130 (109)	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.0		30 (10) - 130 (116)	59%	SPK: 150
1718-51-0	Terphenyl-d14	61.6		30 (10) - 130 (105)	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	75000	6.781			
1146-65-2	Naphthalene-d8	298000	8.063			
15067-26-2	Acenaphthene-d10	169000	9.816			
1517-22-2	Phenanthrene-d10	293000	11.304			
1719-03-5	Chrysene-d12	207000	13.945			
1520-96-3	Perylene-d12	181000	15.386			

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