

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/03/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	COMP-13MSD	SDG No.:	Q2177
Lab Sample ID:	Q2194-03MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.3
Sample Wt/Vol:	50.08 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
BF142630.D	1	06/04/25 12:45	06/05/25 13:07	PB168259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	800		110	220	ug/Kg
108-95-2	Phenol	970		15.0	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	990		16.5	120	ug/Kg
95-57-8	2-Chlorophenol	1000		16.6	120	ug/Kg
95-48-7	2-Methylphenol	970		20.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		25.4	120	ug/Kg
98-86-2	Acetophenone	970		20.0	120	ug/Kg
65794-96-9	3+4-Methylphenols	920		27.9	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	910		32.2	54.3	ug/Kg
67-72-1	Hexachloroethane	990		11.9	120	ug/Kg
98-95-3	Nitrobenzene	990		12.4	120	ug/Kg
78-59-1	Isophorone	950		22.3	120	ug/Kg
88-75-5	2-Nitrophenol	1100		39.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	970		44.0	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	980		20.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	990		19.2	120	ug/Kg
91-20-3	Naphthalene	980		15.4	120	ug/Kg
106-47-8	4-Chloroaniline	540		24.0	120	ug/Kg
87-68-3	Hexachlorobutadiene	970		17.2	120	ug/Kg
105-60-2	Caprolactam	1000		35.3	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		19.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	950		17.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	78.7	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		13.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		19.7	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		14.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.3	120	ug/Kg
88-74-4	2-Nitroaniline	1000		32.6	120	ug/Kg
131-11-3	Dimethylphthalate	980		18.4	120	ug/Kg

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208-96-8	Acenaphthylene	990		19.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		22.8	120	ug/Kg
99-09-2	3-Nitroaniline	670		31.2	120	ug/Kg
83-32-9	Acenaphthene	1100		14.5	120	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	160	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	72.6	220	ug/Kg
132-64-9	Dibenzofuran	970		15.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		34.0	120	ug/Kg
84-66-2	Diethylphthalate	960		19.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	940		18.1	120	ug/Kg
86-73-7	Fluorene	960		17.2	120	ug/Kg
100-01-6	4-Nitroaniline	1000		43.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		69.9	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		22.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		18.9	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		17.2	120	ug/Kg
1912-24-9	Atrazine	1100		23.1	120	ug/Kg
87-86-5	Pentachlorophenol	2000	E	34.8	220	ug/Kg
85-01-8	Phenanthrene	990		14.2	120	ug/Kg
120-12-7	Anthracene	990		22.6	120	ug/Kg
86-74-8	Carbazole	1000		21.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		32.5	120	ug/Kg
206-44-0	Fluoranthene	1000		20.4	120	ug/Kg
129-00-0	Pyrene	840		24.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		48.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	790		24.9	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		15.6	120	ug/Kg
218-01-9	Chrysene	1000		13.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		40.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		58.9	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		12.9	120	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1000		15.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	1000		20.0	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	980		19.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	980		18.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		17.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		17.4	120	ug/Kg
123-91-1	1,4-Dioxane	910		30.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	990		18.6	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	82.9		30 (18) - 130 (112)	55%	SPK: 150
13127-88-3	Phenol-d6	82.3		30 (15) - 130 (107)	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.1		30 (18) - 130 (107)	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.1		30 (20) - 130 (109)	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	77.4		30 (10) - 130 (116)	52%	SPK: 150
1718-51-0	Terphenyl-d14	39.9		30 (10) - 130 (105)	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	123000	6.898			
1146-65-2	Naphthalene-d8	464000	8.181			
15067-26-2	Acenaphthene-d10	232000	9.939			
1517-22-2	Phenanthrene-d10	359000	11.427			
1719-03-5	Chrysene-d12	229000	14.068			
1520-96-3	Perylene-d12	274000	15.557			

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