

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/02/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/04/25
Client Sample ID:	BU-703-COMP-05MSD	SDG No.:	Q2198
Lab Sample ID:	Q2207-37MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	74
Sample Wt/Vol:	50.06 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
BF142645.D	1	06/05/25 09:40	06/06/25 14:25	PB168300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	910		130	270	ug/Kg
108-95-2	Phenol	1100		17.9	140	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		19.7	140	ug/Kg
95-57-8	2-Chlorophenol	1100		19.8	140	ug/Kg
95-48-7	2-Methylphenol	1100		24.2	140	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		30.4	140	ug/Kg
98-86-2	Acetophenone	1100		23.9	140	ug/Kg
65794-96-9	3+4-Methylphenols	1000		33.3	270	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		38.4	64.8	ug/Kg
67-72-1	Hexachloroethane	1100		14.3	140	ug/Kg
98-95-3	Nitrobenzene	1100		14.8	140	ug/Kg
78-59-1	Isophorone	1100		26.6	140	ug/Kg
88-75-5	2-Nitrophenol	1200		47.1	140	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		52.5	140	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		24.9	140	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		22.9	140	ug/Kg
91-20-3	Naphthalene	1100		18.4	140	ug/Kg
106-47-8	4-Chloroaniline	690		28.7	140	ug/Kg
87-68-3	Hexachlorobutadiene	1100		20.5	140	ug/Kg
105-60-2	Caprolactam	1200		42.2	270	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		23.2	140	ug/Kg
91-57-6	2-Methylnaphthalene	1100		20.7	140	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200	E	93.9	270	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		16.0	140	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		23.6	140	ug/Kg
92-52-4	1,1-Biphenyl	1200		17.7	140	ug/Kg
91-58-7	2-Chloronaphthalene	1200		18.2	140	ug/Kg
88-74-4	2-Nitroaniline	1100		39.0	140	ug/Kg
131-11-3	Dimethylphthalate	1100		21.9	140	ug/Kg

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208-96-8	Acenaphthylene	1100		23.4	140	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		27.2	140	ug/Kg
99-09-2	3-Nitroaniline	780		37.3	140	ug/Kg
83-32-9	Acenaphthene	1200		17.2	140	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	190	270	ug/Kg
100-02-7	4-Nitrophenol	2200	E	86.7	270	ug/Kg
132-64-9	Dibenzofuran	1100		18.4	140	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		40.6	140	ug/Kg
84-66-2	Diethylphthalate	1100		22.9	140	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		21.6	140	ug/Kg
86-73-7	Fluorene	1100		20.5	140	ug/Kg
100-01-6	4-Nitroaniline	1100		52.0	140	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		83.4	270	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		26.6	140	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		22.5	140	ug/Kg
118-74-1	Hexachlorobenzene	1200		20.5	140	ug/Kg
1912-24-9	Atrazine	1300		27.5	140	ug/Kg
87-86-5	Pentachlorophenol	2200		41.5	270	ug/Kg
85-01-8	Phenanthrene	1100		16.9	140	ug/Kg
120-12-7	Anthracene	1100		27.0	140	ug/Kg
86-74-8	Carbazole	1200		25.3	140	ug/Kg
84-74-2	Di-n-butylphthalate	1200		38.8	140	ug/Kg
206-44-0	Fluoranthene	1100		24.3	140	ug/Kg
129-00-0	Pyrene	970		29.2	140	ug/Kg
85-68-7	Butylbenzylphthalate	1300		57.8	140	ug/Kg
91-94-1	3,3-Dichlorobenzidine	760		29.7	270	ug/Kg
56-55-3	Benzo(a)anthracene	1100		18.6	140	ug/Kg
218-01-9	Chrysene	1200		16.1	140	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		47.9	140	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		70.3	270	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		15.4	140	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1100		18.1	140	ug/Kg
50-32-8	Benzo(a)pyrene	1200		23.9	140	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		23.6	140	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		22.2	140	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		20.8	140	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		20.7	140	ug/Kg
123-91-1	1,4-Dioxane	1100		36.6	140	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		22.2	140	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	74.9		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	85.4		30 (15) - 130 (107)	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	41.4		30 (18) - 130 (107)	41%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.5		30 (20) - 130 (109)	38%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.1		30 (10) - 130 (116)	55%	SPK: 150
1718-51-0	Terphenyl-d14	43.4		30 (10) - 130 (105)	43%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	121000	6.892			
1146-65-2	Naphthalene-d8	453000	8.181			
15067-26-2	Acenaphthene-d10	228000	9.939			
1517-22-2	Phenanthrene-d10	351000	11.427			
1719-03-5	Chrysene-d12	216000	14.068			
1520-96-3	Perylene-d12	268000	15.562			

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