

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	68.8
Sample Wt/Vol:	30.07 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
BF140997.D	1	12/18/24 08:56	12/27/24 15:26	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	260	U	260	480	ug/Kg
108-95-2	Phenol	120	U	120	250	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	250	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	250	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	250	ug/Kg
98-86-2	Acetophenone	130	U	130	250	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	480	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58.4	U	58.4	120	ug/Kg
67-72-1	Hexachloroethane	120	U	120	250	ug/Kg
98-95-3	Nitrobenzene	130	U	130	250	ug/Kg
78-59-1	Isophorone	120	U	120	250	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	250	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	250	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	250	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	250	ug/Kg
91-20-3	Naphthalene	120	U	120	250	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	250	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	250	ug/Kg
105-60-2	Caprolactam	130	U	130	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	250	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	250	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	250	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	250	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	250	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	250	ug/Kg

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208-96-8	Acenaphthylene	130	U	130	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	250	ug/Kg
99-09-2	3-Nitroaniline	130	UQ	130	250	ug/Kg
83-32-9	Acenaphthene	120	U	120	250	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	350	480	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	480	ug/Kg
132-64-9	Dibenzofuran	120	U	120	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	250	ug/Kg
84-66-2	Diethylphthalate	120	U	120	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	250	ug/Kg
86-73-7	Fluorene	120	U	120	250	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	250	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	480	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	250	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	250	ug/Kg
1912-24-9	Atrazine	130	U	130	250	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	480	ug/Kg
85-01-8	Phenanthrene	120	U	120	250	ug/Kg
120-12-7	Anthracene	120	U	120	250	ug/Kg
86-74-8	Carbazole	120	U	120	250	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	250	ug/Kg
206-44-0	Fluoranthene	120	U	120	250	ug/Kg
129-00-0	Pyrene	120	U	120	250	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	UQ	140	480	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	250	ug/Kg
218-01-9	Chrysene	120	U	120	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	250	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	250	ug/Kg

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207-08-9	Benzo(k)fluoranthene	120	U	120	250	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	250	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	250	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	149		30 (18) - 130 (112)	99%	SPK: 150
13127-88-3	Phenol-d6	144		30 (15) - 130 (107)	96%	SPK: 150
4165-60-0	Nitrobenzene-d5	125		30 (18) - 130 (107)	125%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.3		30 (20) - 130 (109)	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	172		30 (10) - 130 (116)	115%	SPK: 150
1718-51-0	Terphenyl-d14	82.8		30 (10) - 130 (105)	83%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	239000	6.828
1146-65-2	Naphthalene-d8	956000	8.104
15067-26-2	Acenaphthene-d10	516000	9.857
1517-22-2	Phenanthrene-d10	914000	11.339
1719-03-5	Chrysene-d12	692000	13.974
1520-96-3	Perylene-d12	585000	15.433

TENTATIVE IDENTIFIED COMPOUNDS

000124-18-5	Decane	110	J	6.66	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	100	J	8.17	ug/Kg
	unknown8.404	280	J	8.40	ug/Kg
001560-97-0	Dodecane, 2-methyl-	110	J	8.49	ug/Kg
061141-72-8	Dodecane, 4,6-dimethyl-	350	J	8.53	ug/Kg
000629-50-5	Tridecane	940	J	8.70	ug/Kg
001560-98-1	Octacosane, 2-methyl-	170	J	8.79	ug/Kg

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013287-21-3	Tridecane, 6-methyl-	360	J		8.99	ug/Kg
013187-99-0	2-Bromo dodecane	280	J		9.06	ug/Kg
006418-41-3	Tridecane, 3-methyl-	200	J		9.10	ug/Kg
003891-98-3	Dodecane, 2,6,10-trimethyl-	650	J		9.13	ug/Kg
000629-59-4	Tetradecane	2200	J		9.26	ug/Kg
003891-99-4	2,6,10-Trimethyltridecane	870	J		9.58	ug/Kg
000629-62-9	Pentadecane	920	J		9.79	ug/Kg
000544-76-3	Hexadecane	200	J		10.3	ug/Kg
000119-61-9	Benzophenone	390	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	920	J		11.9	ug/Kg
000593-39-5	6-Octadecenoic acid, (Z)-	210	J		12.6	ug/Kg
000057-11-4	Octadecanoic acid	380	J		12.7	ug/Kg
074685-30-6	5-Eicosene, (E)-	350	J		13.8	ug/Kg

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