

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-163-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	72.4
Sample Wt/Vol:	30.02 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
BF141767.D	1	02/25/25 09:30	02/25/25 16:35	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	250	U	250	460	ug/Kg
108-95-2	Phenol	110	U	110	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	230	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	230	ug/Kg
95-48-7	2-Methylphenol	110	U	110	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	230	ug/Kg
98-86-2	Acetophenone	120	U	120	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.6	U	55.6	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	230	ug/Kg
98-95-3	Nitrobenzene	130	U	130	230	ug/Kg
78-59-1	Isophorone	120	U	120	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	230	ug/Kg
91-20-3	Naphthalene	110	U	110	230	ug/Kg
106-47-8	4-Chloroaniline	110	UQ	110	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	230	ug/Kg
105-60-2	Caprolactam	120	U	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98.6	U	98.6	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	230	ug/Kg

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208-96-8	Acenaphthylene	120	U	120	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	230	ug/Kg
99-09-2	3-Nitroaniline	120	UQ	120	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	230	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	460	ug/Kg
132-64-9	Dibenzofuran	120	U	120	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	230	ug/Kg
86-73-7	Fluorene	120	U	120	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	230	ug/Kg
1912-24-9	Atrazine	130	U	130	230	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	460	ug/Kg
85-01-8	Phenanthrene	120	U	120	230	ug/Kg
120-12-7	Anthracene	120	U	120	230	ug/Kg
86-74-8	Carbazole	110	U	110	230	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	230	ug/Kg
129-00-0	Pyrene	110	U	110	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	UQ	140	460	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	230	ug/Kg
218-01-9	Chrysene	110	U	110	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	230	ug/Kg

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207-08-9	Benzo(k)fluoranthene	110	U	110	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	230	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	83.6		30 (18) - 130 (112)	56%	SPK: 150
13127-88-3	Phenol-d6	81.5		30 (15) - 130 (107)	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.3		30 (18) - 130 (107)	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.3		30 (20) - 130 (109)	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	72.1		30 (10) - 130 (116)	48%	SPK: 150
1718-51-0	Terphenyl-d14	54.8		30 (10) - 130 (105)	55%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	74400	6.781
1146-65-2	Naphthalene-d8	293000	8.063
15067-26-2	Acenaphthene-d10	154000	9.81
1517-22-2	Phenanthrene-d10	249000	11.298
1719-03-5	Chrysene-d12	169000	13.939
1520-96-3	Perylene-d12	185000	15.386

TENTATIVE IDENTIFIED COMPOUNDS

000105-58-8	Diethyl carbonate	260	J	4.17	ug/Kg
000119-61-9	Benzophenone	180	J	10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	120	J	11.8	ug/Kg
088104-31-8	2- Chloropropionic acid, octadecyl	160	J	13.8	ug/Kg
007683-64-9	Supraene	100	J	14.8	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