

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.7
Sample Wt/Vol:	30.08 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
BF141842.D	1	03/05/25 09:40	03/05/25 14:23	PB166984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	210	U	210	380	ug/Kg
108-95-2	Phenol	96.5	U	96.5	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.4	U	97.4	200	ug/Kg
95-57-8	2-Chlorophenol	97.2	U	97.2	200	ug/Kg
95-48-7	2-Methylphenol	93.8	U	93.8	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	UQ	110	200	ug/Kg
98-86-2	Acetophenone	100	U	100	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.9	U	92.9	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.9	U	46.9	93.1	ug/Kg
67-72-1	Hexachloroethane	96.6	U	96.6	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	200	ug/Kg
78-59-1	Isophorone	98.5	U	98.5	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99.9	U	99.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.9	U	87.9	200	ug/Kg
91-20-3	Naphthalene	96.1	U	96.1	200	ug/Kg
106-47-8	4-Chloroaniline	96.1	UQ	96.1	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.9	U	96.9	200	ug/Kg
105-60-2	Caprolactam	100	U	100	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.2	U	90.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.0	U	96.0	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.1	U	83.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.1	U	86.1	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.9	U	96.9	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	200	ug/Kg
131-11-3	Dimethylphthalate	95.1	U	95.1	200	ug/Kg

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208-96-8	Acenaphthylene	100	U	100	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.8	U	96.8	200	ug/Kg
99-09-2	3-Nitroaniline	100	UQ	100	200	ug/Kg
83-32-9	Acenaphthene	94.4	U	94.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	380	ug/Kg
132-64-9	Dibenzofuran	98.2	U	98.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	200	ug/Kg
84-66-2	Diethylphthalate	93.2	U	93.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.6	U	99.6	200	ug/Kg
86-73-7	Fluorene	99.5	U	99.5	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.0	U	95.0	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.8	U	91.8	200	ug/Kg
118-74-1	Hexachlorobenzene	98.9	U	98.9	200	ug/Kg
1912-24-9	Atrazine	110	U	110	200	ug/Kg
87-86-5	Pentachlorophenol	90.0	U	90.0	380	ug/Kg
85-01-8	Phenanthrene	97.8	U	97.8	200	ug/Kg
120-12-7	Anthracene	98.2	U	98.2	200	ug/Kg
86-74-8	Carbazole	93.4	U	93.4	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.1	U	98.1	200	ug/Kg
206-44-0	Fluoranthene	95.1	U	95.1	200	ug/Kg
129-00-0	Pyrene	96.6	U	96.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	380	ug/Kg
56-55-3	Benzo(a)anthracene	93.9	U	93.9	200	ug/Kg
218-01-9	Chrysene	92.5	U	92.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.4	U	94.4	200	ug/Kg

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207-08-9	Benzo(k)fluoranthene	96.1	U	96.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90.9	U	90.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.5	U	94.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.2	U	93.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.9	U	86.9	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	87.9		30 (18) - 130 (112)	59%	SPK: 150
13127-88-3	Phenol-d6	84.2		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.7		30 (18) - 130 (107)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.2		30 (20) - 130 (109)	64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.1		30 (10) - 130 (116)	57%	SPK: 150
1718-51-0	Terphenyl-d14	48.0		30 (10) - 130 (105)	48%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	199000	6.886
1146-65-2	Naphthalene-d8	748000	8.163
15067-26-2	Acenaphthene-d10	374000	9.916
1517-22-2	Phenanthrene-d10	582000	11.404
1719-03-5	Chrysene-d12	429000	14.039
1520-96-3	Perylene-d12	510000	15.509

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1000	JB	2.16	ug/Kg
000119-61-9	Benzophenone	160	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	170	J	11.9	ug/Kg
959085-66-6	Heptadecyl heptafluorobutyrate	130	J	13.9	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