

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.1
Sample Wt/Vol:	30.04 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
BF141915.D	1	03/07/25 08:55	03/11/25 14:26	PB167031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	370	ug/Kg
108-95-2	Phenol	92.9	U	92.9	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.8	U	93.8	190	ug/Kg
95-57-8	2-Chlorophenol	93.6	U	93.6	190	ug/Kg
95-48-7	2-Methylphenol	90.3	U	90.3	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	190	ug/Kg
98-86-2	Acetophenone	97.4	U	97.4	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.4	U	89.4	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.2	U	45.2	89.7	ug/Kg
67-72-1	Hexachloroethane	93.0	U	93.0	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	190	ug/Kg
78-59-1	Isophorone	94.8	U	94.8	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.2	U	96.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.6	U	84.6	190	ug/Kg
91-20-3	Naphthalene	92.6	U	92.6	190	ug/Kg
106-47-8	4-Chloroaniline	92.6	UQ	92.6	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.4	U	93.4	190	ug/Kg
105-60-2	Caprolactam	97.3	U	97.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.9	U	86.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.5	U	92.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.0	U	80.0	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.9	U	82.9	190	ug/Kg
92-52-4	1,1-Biphenyl	98.0	U	98.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.4	U	93.4	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	190	ug/Kg
131-11-3	Dimethylphthalate	91.6	U	91.6	190	ug/Kg

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208-96-8	Acenaphthylene	97.0	U	97.0	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.3	U	93.3	190	ug/Kg
99-09-2	3-Nitroaniline	100	UQ	100	190	ug/Kg
83-32-9	Acenaphthene	90.9	U	90.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	370	ug/Kg
132-64-9	Dibenzofuran	94.6	U	94.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.6	U	96.6	190	ug/Kg
84-66-2	Diethylphthalate	89.8	U	89.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.9	U	95.9	190	ug/Kg
86-73-7	Fluorene	95.8	U	95.8	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.5	U	91.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.4	U	88.4	190	ug/Kg
118-74-1	Hexachlorobenzene	95.3	U	95.3	190	ug/Kg
1912-24-9	Atrazine	100	U	100	190	ug/Kg
87-86-5	Pentachlorophenol	86.6	U	86.6	370	ug/Kg
85-01-8	Phenanthrene	100	J	94.2	190	ug/Kg
120-12-7	Anthracene	94.6	U	94.6	190	ug/Kg
86-74-8	Carbazole	90.0	U	90.0	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.5	U	94.5	190	ug/Kg
206-44-0	Fluoranthene	120	J	91.6	190	ug/Kg
129-00-0	Pyrene	110	J	93.0	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	370	ug/Kg
56-55-3	Benzo(a)anthracene	90.5	U	90.5	190	ug/Kg
218-01-9	Chrysene	89.1	U	89.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.9	U	90.9	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	92.6	U	92.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.5	U	87.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.0	U	91.0	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.8	U	89.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.3	U	97.3	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.7	U	83.7	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	85.2		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	83.6		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.1		30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.9		30 (20) - 130 (109)	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.2		30 (10) - 130 (116)	57%	SPK: 150
1718-51-0	Terphenyl-d14	55.7		30 (10) - 130 (105)	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	153000	6.881
1146-65-2	Naphthalene-d8	610000	8.157
15067-26-2	Acenaphthene-d10	347000	9.91
1517-22-2	Phenanthrene-d10	612000	11.398
1719-03-5	Chrysene-d12	453000	14.033
1520-96-3	Perylene-d12	421000	15.504

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J	2.16	ug/Kg
000119-61-9	Benzophenone	260	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	1100	J	11.9	ug/Kg
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	1900	J	12.3	ug/Kg
000057-11-4	Octadecanoic acid	1400	J	12.7	ug/Kg
000630-02-4	Octacosane	120	J	13.7	ug/Kg
015594-90-8	1-Heneicosanol	220	J	13.9	ug/Kg

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000630-01-3	Hexacosane	160	J		14.8	ug/Kg
000192-97-2	Benzo[e]pyrene	92.3	J		15.1	ug/Kg
000629-94-7	Heneicosane	82.2	J		15.2	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