

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-104-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.6
Sample Wt/Vol:	30.03 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
BF141843.D	1	03/05/25 09:40	03/05/25 14:52	PB166984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	220	U	220	400	ug/Kg
108-95-2	Phenol	100	U	100	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	210	ug/Kg
95-48-7	2-Methylphenol	97.5	U	97.5	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	UQ	110	210	ug/Kg
98-86-2	Acetophenone	110	U	110	210	ug/Kg
65794-96-9	3+4-Methylphenols	96.5	U	96.5	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.7	U	48.7	96.8	ug/Kg
67-72-1	Hexachloroethane	100	U	100	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	210	ug/Kg
78-59-1	Isophorone	100	U	100	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.3	U	91.3	210	ug/Kg
91-20-3	Naphthalene	99.9	U	99.9	210	ug/Kg
106-47-8	4-Chloroaniline	99.9	UQ	99.9	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	210	ug/Kg
105-60-2	Caprolactam	100	U	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.7	U	93.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	99.8	U	99.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.4	U	86.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.5	U	89.5	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	210	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	ug/Kg
131-11-3	Dimethylphthalate	98.8	U	98.8	210	ug/Kg

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208-96-8	Acenaphthylene	100	U	100	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	210	ug/Kg
99-09-2	3-Nitroaniline	110	UQ	110	210	ug/Kg
83-32-9	Acenaphthene	98.1	U	98.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	210	ug/Kg
84-66-2	Diethylphthalate	96.9	U	96.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	210	ug/Kg
86-73-7	Fluorene	100	U	100	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.7	U	98.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.4	U	95.4	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	210	ug/Kg
1912-24-9	Atrazine	110	U	110	210	ug/Kg
87-86-5	Pentachlorophenol	93.5	U	93.5	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	210	ug/Kg
120-12-7	Anthracene	100	U	100	210	ug/Kg
86-74-8	Carbazole	97.1	U	97.1	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	210	ug/Kg
206-44-0	Fluoranthene	120	J	98.8	210	ug/Kg
129-00-0	Pyrene	100	U	100	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	UQ	120	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.6	U	97.6	210	ug/Kg
218-01-9	Chrysene	98.1	J	96.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	98.1	210	ug/Kg

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207-08-9	Benzo(k)fluoranthene	99.9	U	99.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.5	U	94.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.2	U	98.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.9	U	96.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.3	U	90.3	210	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	86.9		30 (18) - 130 (112)	58%	SPK: 150
13127-88-3	Phenol-d6	83.5		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		30 (18) - 130 (107)	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.5		30 (20) - 130 (109)	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	81.7		30 (10) - 130 (116)	54%	SPK: 150
1718-51-0	Terphenyl-d14	36.3		30 (10) - 130 (105)	36%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	193000	6.887
1146-65-2	Naphthalene-d8	726000	8.163
15067-26-2	Acenaphthene-d10	362000	9.916
1517-22-2	Phenanthrene-d10	552000	11.404
1719-03-5	Chrysene-d12	436000	14.033
1520-96-3	Perylene-d12	488000	15.51

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1300	JB	2.17	ug/Kg
000119-61-9	Benzophenone	200	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	310	J	11.9	ug/Kg
000119-65-3	Isoquinoline	97.2	J	12.1	ug/Kg
1000406-04-8	Pentadecafluorooctanoic acid, octa	130	J	13.9	ug/Kg
000192-97-2	Benzo[e]pyrene	80.6	J	15.4	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