

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-105-SB02MSD	SDG No.:	Q1514
Lab Sample ID:	Q1514-03MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	81
Sample Wt/Vol:	30.06 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
BG064067.D	1	03/07/25 08:55	03/07/25 20:22	PB167031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	830		220	410	ug/Kg
108-95-2	Phenol	1900		100	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		100	210	ug/Kg
95-57-8	2-Chlorophenol	1800		100	210	ug/Kg
95-48-7	2-Methylphenol	1900		99.3	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		110	210	ug/Kg
98-86-2	Acetophenone	1800		110	210	ug/Kg
65794-96-9	3+4-Methylphenols	1900		98.3	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		49.7	98.6	ug/Kg
67-72-1	Hexachloroethane	1800		100	210	ug/Kg
98-95-3	Nitrobenzene	1800		110	210	ug/Kg
78-59-1	Isophorone	1800		100	210	ug/Kg
88-75-5	2-Nitrophenol	2000		120	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		110	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		110	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		93.0	210	ug/Kg
91-20-3	Naphthalene	1700		100	210	ug/Kg
106-47-8	4-Chloroaniline	480		100	210	ug/Kg
87-68-3	Hexachlorobutadiene	1700		100	210	ug/Kg
105-60-2	Caprolactam	2100		110	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		95.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	1700		100	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6600	E	190	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		88.0	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		91.2	210	ug/Kg
92-52-4	1,1-Biphenyl	1800		110	210	ug/Kg
91-58-7	2-Chloronaphthalene	1700		100	210	ug/Kg
88-74-4	2-Nitroaniline	1900		120	210	ug/Kg
131-11-3	Dimethylphthalate	1700		100	210	ug/Kg

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208-96-8	Acenaphthylene	1800		110	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		100	210	ug/Kg
99-09-2	3-Nitroaniline	850		110	210	ug/Kg
83-32-9	Acenaphthene	1700		99.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	E	300	410	ug/Kg
100-02-7	4-Nitrophenol	4200	E	140	410	ug/Kg
132-64-9	Dibenzofuran	1600		100	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		110	210	ug/Kg
84-66-2	Diethylphthalate	1700		98.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		110	210	ug/Kg
86-73-7	Fluorene	1700		110	210	ug/Kg
100-01-6	4-Nitroaniline	1800		130	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		140	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		100	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		97.2	210	ug/Kg
118-74-1	Hexachlorobenzene	1700		100	210	ug/Kg
1912-24-9	Atrazine	2600		110	210	ug/Kg
87-86-5	Pentachlorophenol	3800	E	95.2	410	ug/Kg
85-01-8	Phenanthrene	1800		100	210	ug/Kg
120-12-7	Anthracene	1800		100	210	ug/Kg
86-74-8	Carbazole	1700		98.9	210	ug/Kg
84-74-2	Di-n-butylphthalate	1800		100	210	ug/Kg
206-44-0	Fluoranthene	1700		100	210	ug/Kg
129-00-0	Pyrene	1800		100	210	ug/Kg
85-68-7	Butylbenzylphthalate	1900		120	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	830		120	410	ug/Kg
56-55-3	Benzo(a)anthracene	1800		99.4	210	ug/Kg
218-01-9	Chrysene	1700		98.0	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		110	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		140	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		99.9	210	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1700		100	210	ug/Kg
50-32-8	Benzo(a)pyrene	1800		110	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		96.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		100	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		98.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		110	210	ug/Kg
123-91-1	1,4-Dioxane	1700		140	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		92.0	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	91.3		30 (18) - 130 (112)	61%	SPK: 150
13127-88-3	Phenol-d6	90.9		30 (15) - 130 (107)	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	62.5		30 (18) - 130 (107)	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.4		30 (20) - 130 (109)	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	102		30 (10) - 130 (116)	68%	SPK: 150
1718-51-0	Terphenyl-d14	55.9		30 (10) - 130 (105)	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	34400	7.864			
1146-65-2	Naphthalene-d8	153000	10.649			
15067-26-2	Acenaphthene-d10	113000	14.492			
1517-22-2	Phenanthrene-d10	256000	17.23			
1719-03-5	Chrysene-d12	258000	21.466			
1520-96-3	Perylene-d12	278000	24.48			

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