

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-BOTMS	SDG No.:	P4460
Lab Sample ID:	P4460-03MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	80.1
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
BF140006.D	1	10/21/24 09:28	10/24/24 17:45	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	600		230	410	ug/Kg
108-95-2	Phenol	1900		100	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		100	210	ug/Kg
95-57-8	2-Chlorophenol	2000		100	210	ug/Kg
95-48-7	2-Methylphenol	1900		100	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		110	210	ug/Kg
98-86-2	Acetophenone	2000		110	210	ug/Kg
65794-96-9	3+4-Methylphenols	1900		99.5	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900		50.2	99.7	ug/Kg
67-72-1	Hexachloroethane	2100		100	210	ug/Kg
98-95-3	Nitrobenzene	1900		110	210	ug/Kg
78-59-1	Isophorone	2000		110	210	ug/Kg
88-75-5	2-Nitrophenol	2400		120	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		120	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		110	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		94.1	210	ug/Kg
91-20-3	Naphthalene	2100		100	210	ug/Kg
106-47-8	4-Chloroaniline	720		100	210	ug/Kg
87-68-3	Hexachlorobutadiene	2000		100	210	ug/Kg
105-60-2	Caprolactam	2700		110	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		96.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	2000		100	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6900	E	190	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		89.0	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		92.3	210	ug/Kg
92-52-4	1,1-Biphenyl	2000		110	210	ug/Kg
91-58-7	2-Chloronaphthalene	1900		100	210	ug/Kg
88-74-4	2-Nitroaniline	2200		120	210	ug/Kg
131-11-3	Dimethylphthalate	2000		100	210	ug/Kg

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208-96-8	Acenaphthylene	2100		110	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		100	210	ug/Kg
99-09-2	3-Nitroaniline	1500		110	210	ug/Kg
83-32-9	Acenaphthene	2300		100	210	ug/Kg
51-28-5	2,4-Dinitrophenol	5200	E	300	410	ug/Kg
100-02-7	4-Nitrophenol	4100	E	140	410	ug/Kg
132-64-9	Dibenzofuran	2000		110	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	2300		110	210	ug/Kg
84-66-2	Diethylphthalate	2000		99.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		110	210	ug/Kg
86-73-7	Fluorene	2000		110	210	ug/Kg
100-01-6	4-Nitroaniline	2000		130	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3100		150	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		100	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		98.4	210	ug/Kg
118-74-1	Hexachlorobenzene	2100		110	210	ug/Kg
1912-24-9	Atrazine	2600		110	210	ug/Kg
87-86-5	Pentachlorophenol	4100	E	96.4	410	ug/Kg
85-01-8	Phenanthrene	2000		100	210	ug/Kg
120-12-7	Anthracene	2100		110	210	ug/Kg
86-74-8	Carbazole	1900		100	210	ug/Kg
84-74-2	Di-n-butylphthalate	2100		110	210	ug/Kg
206-44-0	Fluoranthene	1700		100	210	ug/Kg
129-00-0	Pyrene	1700		100	210	ug/Kg
85-68-7	Butylbenzylphthalate	2100		120	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		120	410	ug/Kg
56-55-3	Benzo(a)anthracene	2100		100	210	ug/Kg
218-01-9	Chrysene	2000		99.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500		110	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2600		140	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		100	210	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1800		100	210	ug/Kg
50-32-8	Benzo(a)pyrene	2200		120	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		97.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		100	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		99.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		110	210	ug/Kg
123-91-1	1,4-Dioxane	1700		140	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		93.1	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	119		30 (18) - 130 (112)	79%	SPK: 150
13127-88-3	Phenol-d6	119		30 (15) - 130 (107)	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.8		30 (18) - 130 (107)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.6		30 (20) - 130 (109)	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		30 (10) - 130 (116)	94%	SPK: 150
1718-51-0	Terphenyl-d14	77.7		30 (10) - 130 (105)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	133000	6.892			
1146-65-2	Naphthalene-d8	485000	8.175			
15067-26-2	Acenaphthene-d10	254000	9.928			
1517-22-2	Phenanthrene-d10	408000	11.416			
1719-03-5	Chrysene-d12	232000	14.051			
1520-96-3	Perylene-d12	317000	15.533			

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