Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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-BOTMSD	SDG No.:	P4460
Lab Sample ID:	P4460-03MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	80.1
Sample Wt/Vol:	30.05 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
BF140007.D	1	10/21/24 09:28	10/24/24 18:14	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	720		230	410	ug/Kg
108-95-2	Phenol	2300		100	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2300		100	210	ug/Kg
95-57-8	2-Chlorophenol	2400		100	210	ug/Kg
95-48-7	2-Methylphenol	1700		100	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		110	210	ug/Kg
98-86-2	Acetophenone	2200		110	210	ug/Kg
65794-96-9	3+4-Methylphenols	1600		99.5	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		50.2	99.7	ug/Kg
67-72-1	Hexachloroethane	2000		100	210	ug/Kg
98-95-3	Nitrobenzene	2100		110	210	ug/Kg
78-59-1	Isophorone	2200		110	210	ug/Kg
88-75-5	2-Nitrophenol	2600		120	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		120	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		110	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		94.1	210	ug/Kg
91-20-3	Naphthalene	2200		100	210	ug/Kg
106-47-8	4-Chloroaniline	760		100	210	ug/Kg
87-68-3	Hexachlorobutadiene	2200		100	210	ug/Kg
105-60-2	Caprolactam	2800		110	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		96.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	2100		100	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	7500	E	190	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		89.0	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		92.2	210	ug/Kg
92-52-4	1,1-Biphenyl	2100		110	210	ug/Kg
91-58-7	2-Chloronaphthalene	2100		100	210	ug/Kg
88-74-4	2-Nitroaniline	2400		120	210	ug/Kg
131-11-3	Dimethylphthalate	2100		100	210	ug/Kg

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208-96-8	Acenaphthylene	2300		110	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		100	210	ug/Kg
99-09-2	3-Nitroaniline	1500		110	210	ug/Kg
83-32-9	Acenaphthene	2400		100	210	ug/Kg
51-28-5	2,4-Dinitrophenol	5500	E	300	410	ug/Kg
100-02-7	4-Nitrophenol	4400	E	140	410	ug/Kg
132-64-9	Dibenzofuran	2200		110	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		110	210	ug/Kg
84-66-2	Diethylphthalate	2200		99.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		110	210	ug/Kg
86-73-7	Fluorene	2100		110	210	ug/Kg
100-01-6	4-Nitroaniline	2100		130	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3300		150	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2300		100	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300		98.3	210	ug/Kg
118-74-1	Hexachlorobenzene	2300		110	210	ug/Kg
1912-24-9	Atrazine	2800		110	210	ug/Kg
87-86-5	Pentachlorophenol	4400	E	96.3	410	ug/Kg
85-01-8	Phenanthrene	2200		100	210	ug/Kg
120-12-7	Anthracene	2300		110	210	ug/Kg
86-74-8	Carbazole	2100		100	210	ug/Kg
84-74-2	Di-n-butylphthalate	2300		110	210	ug/Kg
206-44-0	Fluoranthene	1900		100	210	ug/Kg
129-00-0	Pyrene	1800		100	210	ug/Kg
85-68-7	Butylbenzylphthalate	2300		120	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		120	410	ug/Kg
56-55-3	Benzo(a)anthracene	2200		100	210	ug/Kg
218-01-9	Chrysene	2100		99.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2700		110	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2900		140	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		100	210	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1900		100	210	ug/Kg
50-32-8	Benzo(a)pyrene	2300		120	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2900		97.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2900		100	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2500		99.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		110	210	ug/Kg
123-91-1	1,4-Dioxane	1600		140	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2300		93.1	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	113		30 (18) - 130 (112)	75%	SPK: 150
13127-88-3	Phenol-d6	140		30 (15) - 130 (107)	93%	SPK: 150
4165-60-0	Nitrobenzene-d5	101		30 (18) - 130 (107)	101%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.3		30 (20) - 130 (109)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		30 (10) - 130 (116)	100%	SPK: 150
1718-51-0	Terphenyl-d14	81.9		30 (10) - 130 (105)	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	114000	6.893			
1146-65-2	Naphthalene-d8	337000	8.175			
15067-26-2	Acenaphthene-d10	177000	9.928			
1517-22-2	Phenanthrene-d10	285000	11.416			
1719-03-5	Chrysene-d12	165000	14.051			
1520-96-3	Perylene-d12	223000	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