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:	11/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-BOT	SDG No.:	P4892
Lab Sample ID:	P4892-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	86.1
Sample Wt/Vol:	30.09 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
BF140495.D	1	11/19/24 09:00	11/20/24 12:42	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	210	UQ	210	380	ug/Kg
108-95-2	Phenol	96.0	U	96.0	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.9	U	96.9	200	ug/Kg
95-57-8	2-Chlorophenol	96.7	U	96.7	200	ug/Kg
95-48-7	2-Methylphenol	93.3	U	93.3	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	200	ug/Kg
98-86-2	Acetophenone	100	U	100	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.4	U	92.4	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.7	U	46.7	92.6	ug/Kg
67-72-1	Hexachloroethane	96.1	U	96.1	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	200	ug/Kg
78-59-1	Isophorone	98.0	U	98.0	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99.4	U	99.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.4	U	87.4	200	ug/Kg
91-20-3	Naphthalene	95.6	U	95.6	200	ug/Kg
106-47-8	4-Chloroaniline	95.6	UQ	95.6	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.5	U	96.5	200	ug/Kg
105-60-2	Caprolactam	100	U	100	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89.7	U	89.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	95.5	U	95.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	UQ	180	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.7	U	82.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.7	U	85.7	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.5	U	96.5	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	200	ug/Kg
131-11-3	Dimethylphthalate	94.6	U	94.6	200	ug/Kg

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208-96-8	Acenaphthylene	100	U	100	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.3	U	96.3	200	ug/Kg
99-09-2	3-Nitroaniline	100	UQ	100	200	ug/Kg
83-32-9	Acenaphthene	93.9	U	93.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	380	ug/Kg
132-64-9	Dibenzofuran	97.7	U	97.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	200	ug/Kg
84-66-2	Diethylphthalate	92.8	U	92.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.1	U	99.1	200	ug/Kg
86-73-7	Fluorene	99.0	U	99.0	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	94.5	U	94.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.4	U	91.4	200	ug/Kg
118-74-1	Hexachlorobenzene	98.4	U	98.4	200	ug/Kg
1912-24-9	Atrazine	110	U	110	200	ug/Kg
87-86-5	Pentachlorophenol	89.5	U	89.5	380	ug/Kg
85-01-8	Phenanthrene	97.3	U	97.3	200	ug/Kg
120-12-7	Anthracene	97.7	U	97.7	200	ug/Kg
86-74-8	Carbazole	93.0	U	93.0	200	ug/Kg
84-74-2	Di-n-butylphthalate	97.6	U	97.6	200	ug/Kg
206-44-0	Fluoranthene	94.6	U	94.6	200	ug/Kg
129-00-0	Pyrene	96.1	U	96.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	380	ug/Kg
56-55-3	Benzo(a)anthracene	93.4	U	93.4	200	ug/Kg
218-01-9	Chrysene	92.1	U	92.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	93.9	U	93.9	200	ug/Kg

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207-08-9	Benzo(k)fluoranthene	95.6	U	95.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90.4	U	90.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.0	U	94.0	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.8	U	92.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.5	U	86.5	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	121		30 (18) - 130 (112)	81%	SPK: 150
13127-88-3	Phenol-d6	117		30 (15) - 130 (107)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.8		30 (18) - 130 (107)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.4		30 (20) - 130 (109)	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		30 (10) - 130 (116)	84%	SPK: 150
1718-51-0	Terphenyl-d14	87.8		30 (10) - 130 (105)	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	112000	6.875			
1146-65-2	Naphthalene-d8	426000	8.151			
15067-26-2	Acenaphthene-d10	234000	9.91			
1517-22-2	Phenanthrene-d10	439000	11.398			
1719-03-5	Chrysene-d12	272000	14.045			
1520-96-3	Perylene-d12	223000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J		2.16	ug/Kg
001119-40-0	Pentanedioic acid, dimethyl ester	97.3	J		7.68	ug/Kg
000119-61-9	Benzophenone	250	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	330	J		11.9	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