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:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164369BS	SDG No.:	P4460
Lab Sample ID:	PB164369BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048237.D	1	10/23/24 09:50	10/25/24 15:42	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	13.7		4.00	10.0	ug/L
108-95-2	Phenol	47.8		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.2		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	48.4		0.71	5.00	ug/L
95-48-7	2-Methylphenol	46.5		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.2		1.40	5.00	ug/L
98-86-2	Acetophenone	48.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	45.0		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.9		1.50	2.50	ug/L
67-72-1	Hexachloroethane	46.9		1.00	5.00	ug/L
98-95-3	Nitrobenzene	47.7		1.30	5.00	ug/L
78-59-1	Isophorone	47.0		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	49.3		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	59.6		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.0		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	48.9		0.88	5.00	ug/L
91-20-3	Naphthalene	47.0		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	19.8		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	47.6		1.30	5.00	ug/L
105-60-2	Caprolactam	39.4		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	44.2		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	46.0		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	210	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.3		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.0		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	50.5		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	49.5		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	49.8		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	47.2		0.93	5.00	ug/L

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208-96-8	Acenaphthylene	52.3		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	45.4		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	29.9		1.40	5.00	ug/L
83-32-9	Acenaphthene	49.6		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	93.4	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	94.8	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	48.6		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	45.7		1.50	5.00	ug/L
84-66-2	Diethylphthalate	45.3		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.1		0.98	5.00	ug/L
86-73-7	Fluorene	47.0		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	44.9		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.1		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	53.1		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	51.4		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	49.6		1.10	5.00	ug/L
1912-24-9	Atrazine	63.7		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	97.9	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	50.8		0.89	5.00	ug/L
120-12-7	Anthracene	53.8		1.10	5.00	ug/L
86-74-8	Carbazole	48.9		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	48.2		1.50	5.00	ug/L
206-44-0	Fluoranthene	46.4		1.30	5.00	ug/L
129-00-0	Pyrene	50.4		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	49.5		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	37.3		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	50.3		0.94	5.00	ug/L
218-01-9	Chrysene	50.0		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.4		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	49.5		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	49.4		1.10	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	51.8		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	55.0		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	55.7		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.4		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	50.5		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52.0		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	43.3		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.3		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	144		15 (10) - 110 (139)	96%	SPK: 150
13127-88-3	Phenol-d6	131		15 (10) - 110 (134)	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.5		30 (49) - 130 (133)	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.0		30 (52) - 130 (132)	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		15 (44) - 110 (137)	89%	SPK: 150
1718-51-0	Terphenyl-d14	103		30 (48) - 130 (125)	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	199000	7.716			
1146-65-2	Naphthalene-d8	731000	10.51			
15067-26-2	Acenaphthene-d10	399000	14.363			
1517-22-2	Phenanthrene-d10	713000	17.104			
1719-03-5	Chrysene-d12	616000	21.333			
1520-96-3	Perylene-d12	709000	24.28			

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