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

Report of Analysis

Client:	G Environmental			Date Collected:	02/06/25
Project:	Power			Date Received:	02/07/25
Client Sample ID:	MW1R			SDG No.:	Q1331
Lab Sample ID:	Q1331-01			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	970	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
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.3	ug/L
108-95-2	Phenol	0.96	U	0.96	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.20	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.20	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
78-59-1	Isophorone	1.20	U	1.20	5.20	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.20	ug/L
105-67-9	2,4-Dimethylphenol	1.60	U	1.60	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.10	U	1.10	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
106-47-8	4-Chloroaniline	1.30	UQ	1.30	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	5.20	U	5.20	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.20	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	5.20	ug/L
91-58-7	2-Chloronaphthalene	1.00	U	1.00	5.20	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	5.20	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	5.20	ug/L

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208-96-8	Acenaphthylene	1.10	U	1.10	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
99-09-2	3-Nitroaniline	1.40	UQ	1.40	5.20	ug/L
83-32-9	Acenaphthene	49.8		0.84	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.3	ug/L
100-02-7	4-Nitrophenol	2.10	U	2.10	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.20	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.20	ug/L
86-73-7	Fluorene	120	E	0.99	5.20	ug/L
100-01-6	4-Nitroaniline	2.10	U	2.10	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.20	U	3.20	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	5.20	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.20	ug/L
1912-24-9	Atrazine	1.30	U	1.30	5.20	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.3	ug/L
85-01-8	Phenanthrene	200	E	0.92	5.20	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.20	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.20	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.20	ug/L
129-00-0	Pyrene	42.7		1.10	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.20	U	2.20	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	UQ	1.30	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	5.20	ug/L
218-01-9	Chrysene	4.00	J	0.89	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.7		1.90	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.20	ug/L

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207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.20	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.20	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	37.7		15 (10) - 110 (139)	25%	SPK: 150
13127-88-3	Phenol-d6	27.3		15 (10) - 110 (134)	18%	SPK: 150
4165-60-0	Nitrobenzene-d5	122		30 (49) - 130 (133)	122%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.0		30 (52) - 130 (132)	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	162		15 (44) - 110 (137)	108%	SPK: 150
1718-51-0	Terphenyl-d14	64.0		30 (48) - 130 (125)	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	71600	6.793			
1146-65-2	Naphthalene-d8	197000	8.087			
15067-26-2	Acenaphthene-d10	75200	9.934			
1517-22-2	Phenanthrene-d10	109000	11.428			
1719-03-5	Chrysene-d12	178000	13.974			
1520-96-3	Perylene-d12	198000	15.404			
TENTATIVE IDENTIFIED COMPOUNDS						
001678-97-3	Cyclohexane, 1,2,3-trimethyl-	2.20	J		5.55	ug/L
1010309-21-6	Sulfurous acid, cyclohexylmethyl h	2.40	J		5.64	ug/L
003728-54-9	Cyclohexane, 1-ethyl-2-methyl-	6.00	J		5.80	ug/L
959275-58-2	Isobutyl tetradecyl carbonate	4.20	J		5.85	ug/L
	unknown5.940	5.80	J		5.94	ug/L
031295-56-4	Dodecane, 2,6,11-trimethyl-	2.90	J		5.99	ug/L
005911-04-6	Nonane, 3-methyl-	20.5	J		6.03	ug/L

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014676-29-0	Heptane, 3-ethyl-2-methyl-	6.00	J		6.09	ug/L
	unknown6.222	12.9	J		6.22	ug/L
001678-81-5	Cyclohexane, 1,2,3-trimethyl-, (1.	20.8	J		6.32	ug/L
000624-29-3	Cyclohexane, 1,4-dimethyl-, cis-	21.9	J		6.53	ug/L
000638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	14.2	J		6.65	ug/L
	unknown6.851	10.9	J		6.85	ug/L
1000382-90-3	Carbonic acid, hexadecyl prop-1-en	19.8	J		6.92	ug/L
001678-98-4	Cyclohexane, (2-methylpropyl)-	23.4	J		6.95	ug/L
062831-62-3	4-Isopropyl-1,3-cyclohexanedione	46.5	J		7.06	ug/L
000493-02-7	Naphthalene, decahydro-, trans-	21.0	J		7.19	ug/L
	unknown7.445	20.6	J		7.45	ug/L
90-12-0	1-Methylnaphthalene	52.3	J		8.97	ug/L
000112-84-5	13-Docosenamide, (Z)-	60.0	J		14.7	ug/L

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