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

Report of Analysis

Client:	G Environmental	Date Collected:	05/22/25
Project:	Mt. Holly	Date Received:	05/22/25
Client Sample ID:	GAW1	SDG No.:	Q2114
Lab Sample ID:	Q2114-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142538.D	1	05/23/25 08:31	05/23/25 16:34	PB168143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.82	U	0.82	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.75	U	0.75	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.77	U	0.77	5.10	ug/L
78-59-1	Isophorone	0.76	U	0.76	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.85	UQ	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	21.5		1.10	10.1	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.1	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.76	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.93	U	0.93	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L

Alliance TECHNICAL GROUP
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86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.83	U	0.83	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.10	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	56.1		15 (10) - 110 (139)	37%	SPK: 150
13127-88-3	Phenol-d6	35.5		15 (10) - 110 (134)	24%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.9		30 (49) - 130 (133)	71%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.3		30 (52) - 130 (132)	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		15 (44) - 110 (137)	75%	SPK: 150

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	65.2		30 (48) - 130 (125)	65%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.892			
1146-65-2	Naphthalene-d8	425000	8.181			
15067-26-2	Acenaphthene-d10	231000	9.933			
1517-22-2	Phenanthrene-d10	378000	11.421			
1719-03-5	Chrysene-d12	218000	14.062			
1520-96-3	Perylene-d12	219000	15.556			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.90	AB		5.11	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	2.60	J		7.92	ug/L
000091-57-6	Naphthalene, 2-methyl-	2.40	J		8.99	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	2.20	J		9.52	ug/L
002489-86-3	Naphthalene, 1-(2-propenyl)-	2.50	J		10.6	ug/L
000119-61-9	Benzophenone	3.50	J		10.6	ug/L
055045-11-9	Tridecane, 5-propyl-	4.60	J		10.9	ug/L
001624-22-2	1H,2H,3H-Cyclopenta[a]naphthalen-5	2.70	J		11.1	ug/L
000057-10-3	n-Hexadecanoic acid	11.9	J		11.9	ug/L
000057-11-4	Octadecanoic acid	3.10	J		12.7	ug/L
000111-06-8	Hexadecanoic acid, butyl ester	2.20	J		12.8	ug/L
015594-90-8	1-Heneicosanol	4.20	J		13.9	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