

Report of Analysis

Client:	G Environmental	Date Collected:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2921
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	37.7		4.10	10.5	ug/L
108-95-2	Phenol	16.4		0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		0.85	5.30	ug/L
95-57-8	2-Chlorophenol	39.6		0.61	5.30	ug/L
95-48-7	2-Methylphenol	34.5		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18.4		1.30	5.30	ug/L
98-86-2	Acetophenone	90.6	E	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	41.7		1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	96.9	E	0.68	5.30	ug/L
98-95-3	Nitrobenzene	89.1	E	0.80	5.30	ug/L
78-59-1	Isophorone	85.0	E	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	90.4	E	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	78.4		1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	75.2		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	85.1	E	0.55	5.30	ug/L
91-20-3	Naphthalene	3000	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	31.3		0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	74.8		0.57	5.30	ug/L
105-60-2	Caprolactam	17.0		1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	79.4		0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	850	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	49.9		0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	70.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.64	5.30	ug/L
88-74-4	2-Nitroaniline	53.9		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	47.8		0.64	5.30	ug/L

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208-96-8	Acenaphthylene	190	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	51.3		0.97	5.30	ug/L
99-09-2	3-Nitroaniline	32.4		1.10	5.30	ug/L
83-32-9	Acenaphthene	53.5		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	42.7		2.50	10.5	ug/L
132-64-9	Dibenzofuran	51.2		0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	52.5		1.30	5.30	ug/L
84-66-2	Diethylphthalate	48.9		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.72	5.30	ug/L
86-73-7	Fluorene	68.0		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	49.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.7		3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	50.5		0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	52.0		0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	52.3		0.55	5.30	ug/L
1912-24-9	Atrazine	48.5		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.5	ug/L
85-01-8	Phenanthrene	67.2		0.53	5.30	ug/L
120-12-7	Anthracene	53.2		0.64	5.30	ug/L
86-74-8	Carbazole	63.5		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	52.6		1.30	5.30	ug/L
206-44-0	Fluoranthene	51.6		0.86	5.30	ug/L
129-00-0	Pyrene	50.1		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	52.0		2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	43.4		0.98	10.5	ug/L
218-01-9	Chrysene	51.2		0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.7		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	52.0		2.50	10.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.9		0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.6		0.71	5.30	ug/L

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95-94-3	1,2,4,5-Tetrachlorobenzene	49.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	21.8		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.6		0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.4		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	149	*	67 - 132	149%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	76.2		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.778			
1146-65-2	Naphthalene-d8	359000	10.566			
15067-26-2	Acenaphthene-d10	418000	14.401			
1517-22-2	Phenanthrene-d10	814000	17.201			
1719-03-5	Chrysene-d12	888000	21.636			
1520-96-3	Perylene-d12	1060000	25.007			

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