

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 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
BM050135.D	1	05/07/25 08:53	05/07/25 15:05	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.70	U	4.70	11.9	ug/L
62-53-3	Aniline	1.80	U	1.80	6.00	ug/L
108-95-2	Phenol	1.10	U	1.10	6.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.96	U	0.96	6.00	ug/L
95-57-8	2-Chlorophenol	0.69	U	0.69	6.00	ug/L
95-48-7	2-Methylphenol	1.30	U	1.30	6.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.50	U	1.50	6.00	ug/L
98-86-2	Acetophenone	0.88	U	0.88	6.00	ug/L
65794-96-9	3+4-Methylphenols	1.30	U	1.30	11.9	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.70	U	1.70	3.00	ug/L
67-72-1	Hexachloroethane	0.77	U	0.77	6.00	ug/L
98-95-3	Nitrobenzene	0.90	U	0.90	6.00	ug/L
78-59-1	Isophorone	0.89	U	0.89	6.00	ug/L
88-75-5	2-Nitrophenol	2.10	U	2.10	6.00	ug/L
105-67-9	2,4-Dimethylphenol	2.20	U	2.20	6.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.81	U	0.81	6.00	ug/L
120-83-2	2,4-Dichlorophenol	0.62	U	0.62	6.00	ug/L
91-20-3	Naphthalene	0.60	U	0.60	6.00	ug/L
106-47-8	4-Chloroaniline	1.00	UQ	1.00	6.00	ug/L
87-68-3	Hexachlorobutadiene	0.64	U	0.64	6.00	ug/L
105-60-2	Caprolactam	190	E	1.30	11.9	ug/L
59-50-7	4-Chloro-3-methylphenol	0.70	U	0.70	6.00	ug/L
91-57-6	2-Methylnaphthalene	0.67	U	0.67	6.00	ug/L
77-47-4	Hexachlorocyclopentadiene	4.30	U	4.30	11.9	ug/L
88-06-2	2,4,6-Trichlorophenol	0.61	U	0.61	6.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.74	U	0.74	6.00	ug/L
92-52-4	1,1-Biphenyl	0.63	U	0.63	6.00	ug/L
91-58-7	2-Chloronaphthalene	0.73	U	0.73	6.00	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	6.00	ug/L

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131-11-3	Dimethylphthalate	0.73	U	0.73	6.00	ug/L
208-96-8	Acenaphthylene	0.89	U	0.89	6.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.10	U	1.10	6.00	ug/L
99-09-2	3-Nitroaniline	1.30	UQ	1.30	6.00	ug/L
83-32-9	Acenaphthene	0.65	U	0.65	6.00	ug/L
51-28-5	2,4-Dinitrophenol	7.10	U	7.10	11.9	ug/L
100-02-7	4-Nitrophenol	2.80	U	2.80	11.9	ug/L
132-64-9	Dibenzofuran	0.73	U	0.73	6.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	6.00	ug/L
84-66-2	Diethylphthalate	0.82	U	0.82	6.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.81	U	0.81	6.00	ug/L
86-73-7	Fluorene	0.75	U	0.75	6.00	ug/L
100-01-6	4-Nitroaniline	1.80	U	1.80	6.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.40	U	3.40	11.9	ug/L
86-30-6	n-Nitrosodiphenylamine	0.69	U	0.69	6.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.48	U	0.48	6.00	ug/L
118-74-1	Hexachlorobenzene	0.62	U	0.62	6.00	ug/L
1912-24-9	Atrazine	1.20	U	1.20	6.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	11.9	ug/L
85-01-8	Phenanthrene	0.60	U	0.60	6.00	ug/L
120-12-7	Anthracene	0.73	U	0.73	6.00	ug/L
86-74-8	Carbazole	0.86	U	0.86	6.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	6.00	ug/L
206-44-0	Fluoranthene	0.98	U	0.98	6.00	ug/L
129-00-0	Pyrene	0.60	U	0.60	6.00	ug/L
85-68-7	Butylbenzylphthalate	2.30	U	2.30	6.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.10	UQ	1.10	11.9	ug/L
56-55-3	Benzo(a)anthracene	0.54	U	0.54	6.00	ug/L
218-01-9	Chrysene	0.52	U	0.52	6.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	6.00	ug/L
117-84-0	Di-n-octyl phthalate	2.80	U	2.80	11.9	ug/L

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205-99-2	Benzo(b)fluoranthene	0.58	U	0.58	6.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.57	U	0.57	6.00	ug/L
50-32-8	Benzo(a)pyrene	0.65	U	0.65	6.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.70	U	0.70	6.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.80	U	0.80	6.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.82	U	0.82	6.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.62	U	0.62	6.00	ug/L
123-91-1	1,4-Dioxane	1.20	U	1.20	6.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.86	U	0.86	6.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	81.7		15 (10) - 110 (139)	54%	SPK: 150
13127-88-3	Phenol-d6	54.3		15 (10) - 110 (134)	36%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.4		30 (49) - 130 (133)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	82.9		30 (48) - 130 (125)	83%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	243000	7.745
1146-65-2	Naphthalene-d8	891000	10.539
15067-26-2	Acenaphthene-d10	636000	14.392
1517-22-2	Phenanthrene-d10	1260000	17.145
1719-03-5	Chrysene-d12	1190000	21.386
1520-96-3	Perylene-d12	1260000	24.385

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.00	AB	4.86	ug/L
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	5.90	J	8.85	ug/L
001587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	8.70	J	9.94	ug/L
056253-64-6	Benzene, (2-methyl-1-butenyl)-	4.70	J	10.7	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	4.30	J	11.6	ug/L
000700-12-9	Benzene, pentamethyl-	4.80	J	11.9	ug/L

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000083-33-0	1H-Inden-1-one, 2,3-dihydro-	6.40	J		11.9	ug/L
	unknown12.398	8.00	J		12.4	ug/L
	unknown12.933	6.40	J		12.9	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	6.60	J		13.6	ug/L
1000382-54-3	Carbonic acid, eicosyl vinyl ester	5.10	J		13.9	ug/L
002245-38-7	Naphthalene, 1,6,7-trimethyl-	5.30	J		14.8	ug/L
000829-26-5	Naphthalene, 2,3,6-trimethyl-	5.30	J		15.0	ug/L
001560-96-9	Tridecane, 2-methyl-	7.40	J		15.7	ug/L
000119-61-9	Benzophenone	6.80	J		15.8	ug/L
006418-41-3	Tridecane, 3-methyl-	17.6	J		16.1	ug/L
000629-50-5	Tridecane	5.40	J		17.0	ug/L
000057-10-3	n-Hexadecanoic acid	15.5	J		18.0	ug/L
021771-74-4	1-Hydroxy-4-methyl-2-oxo-1,2-dihyd	6.10	J		18.1	ug/L
000057-11-4	Octadecanoic acid	5.40	J		19.3	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