

Report of Analysis

Client:	G Environmental	Date Collected:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB2BMS	SDG No.:	Q1939
Lab Sample ID:	Q1939-04MS	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	85.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	sw3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036975.D	1	05/08/25 10:03	05/08/25 16:16	PB167915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
123-91-1	1,4-Dioxane	13.2		1.80	7.70	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.22		30 (17) - 150 (161)	55%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.23		30 (23) - 150 (138)	57%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.22		30 (33) - 130 (121)	55%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.19		30 (32) - 130 (121)	49%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.20		30 (21) - 130 (130)	50%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1700	7.625			
1146-65-2	Naphthalene-d8	4360	10.404			
15067-26-2	Acenaphthene-d10	2390	14.277			
1517-22-2	Phenanthrene-d10	5060	17.021			
1719-03-5	Chrysene-d12	4470	21.215			
1520-96-3	Perylene-d12	4300	23.424			

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