

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Amsterdam		Date Received:		
Client Sample ID:	MH-QMSD		SDG No.:	Q1939	
Lab Sample ID:	Q1928-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.1	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/02/25 09:15	05/02/25 20:19	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	37.5		1	1.35	2.29	mg/kg	FC068755.D
Aliphatic C9-C28	Aliphatic C9-C28	105	E	1	1.04	4.59	mg/kg	FC068755.D
Total AliphaticEPH	Total AliphaticEPH	142			2.39	6.88	mg/kg	
Total EPH	Total EPH	142			2.39	6.88	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	MH-QMSD	SDG No.:	Q1939
Lab Sample ID:	Q1928-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068755.D	1	05/02/25	05/02/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	105	E	1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	37.5		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.4		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.0		40 - 140	46%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1928-01MSD	Acq On:	02 May 2025 20:19
Client Sample ID:	Q1928-01MSD	Operator:	YP/AJ
Data file:	FC068755.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.343	6.645	20934135	198.839	300	ug/ml
Aliphatic C12-C16	6.646	10.046	36195213	353.736	200	ug/ml
Aliphatic C16-C21	10.047	13.415	34515943	349.293	300	ug/ml
Aliphatic C21-C28	13.416	17.079	44160526	468.868	400	ug/ml
Aliphatic C28-C40	17.080	22.085	44146600	491.157	600	ug/ml
Aliphatic EPH	3.343	22.085	179952417	1860		ug/ml
ortho-Terphenyl (SURR)	11.714	11.714	2930800	23.02		ug/ml
1-chlorooctadecane (SURR)	13.147	13.147	2271721	24.45		ug/ml
Aliphatic C9-C28	3.343	17.079	135805817	1370	1200	ug/ml