

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Amsterdam		Date Received:		
Client Sample ID:	MH-QMS		SDG No.:	Q1939	
Lab Sample ID:	Q1928-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.1	
Sample Wt/Vol:	30.03	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 19:42	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	37.6		1	1.35	2.29	mg/kg	FC068754.D
Aliphatic C9-C28	Aliphatic C9-C28	105	E	1	1.04	4.59	mg/kg	FC068754.D
Total AliphaticEPH	Total AliphaticEPH	143			2.39	6.88	mg/kg	
Total EPH	Total EPH	143			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

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Analytical Method:	NJEPH	% Solid:	87.1
Sample Wt/Vol:	30.03 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
FC068754.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	37.6		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.3		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.3		40 - 140	47%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1928-01MS	Acq On:	02 May 2025 19:42
Client Sample ID:	Q1928-01MS	Operator:	YP/AJ
Data file:	FC068754.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.343	6.645	20467143	194.403	300	ug/ml
Aliphatic C12-C16	6.646	10.046	36278177	354.547	200	ug/ml
Aliphatic C16-C21	10.047	13.415	35082923	355.031	300	ug/ml
Aliphatic C21-C28	13.416	17.079	44564003	473.152	400	ug/ml
Aliphatic C28-C40	17.080	22.085	44154139	491.241	600	ug/ml
Aliphatic EPH	3.343	22.085	180546385	1870		ug/ml
ortho-Terphenyl (SURR)	11.714	11.714	2971417	23.33		ug/ml
1-chlorooctadecane (SURR)	13.147	13.147	2351177	25.31		ug/ml
Aliphatic C9-C28	3.343	17.079	136392246	1380	1200	ug/ml