

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	EX-8-TPH-1MSD		SDG No.:	P5147	
Lab Sample ID:	P5147-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
12/06/24 09:50	12/06/24 19:49	PB165427

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	175	E	1	0.47	1.23	mg/kg	FC067934.D
Aliphatic C12-C16	Aliphatic C12-C16	435	E	1	0.30	0.82	mg/kg	FC067934.D
Aliphatic C16-C21	Aliphatic C16-C21	167	E	1	0.37	1.23	mg/kg	FC067934.D
Aliphatic C21-C28	Aliphatic C21-C28	41.2	E	1	0.99	1.64	mg/kg	FC067934.D
Aliphatic C28-C40	Aliphatic C28-C40	43.1		1	2.22	2.47	mg/kg	FC067934.D
Aromatic C10-C12	Aromatic C10-C12	23.4	E	1	0.37	0.82	mg/kg	FD048842.D
Aromatic C12-C16	Aromatic C12-C16	110	E	1	0.42	1.23	mg/kg	FD048842.D
Aromatic C16-C21	Aromatic C16-C21	144	E	1	1.18	2.06	mg/kg	FD048842.D
Aromatic C21-C36	Aromatic C21-C36	51.3		1	2.47	3.29	mg/kg	FD048842.D
Total AliphaticEPH	Total AliphaticEPH	861			4.34	7.39	mg/kg	
Total AromaticEPH	Total AromaticEPH	329			4.44	7.40	mg/kg	
Total EPH	Total EPH	1190			8.78	14.8	mg/kg	

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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067934.D	1	12/06/24	12/06/24	PB165427

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	175	E	0.47	1.23	mg/kg
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Aliphatic C16-C21	Aliphatic C16-C21	167	E	0.37	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	41.2	E	0.99	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.1		2.22	2.47	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.1		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5147-01MSD	Acq On:	06 Dec 2024 19:49
Client Sample ID:	EX-8-TPH-1MSD	Operator:	YP/AJ
Data file:	FC067934.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.154	6.430	353760137	2130	300	ug/ml
Aliphatic C12-C16	6.431	9.821	902881767	5300	200	ug/ml
Aliphatic C16-C21	9.822	13.180	345865707	2040	300	ug/ml
Aliphatic C21-C28	13.181	16.835	78736308	500.612	400	ug/ml
Aliphatic C28-C40	16.836	21.671	63437910	523.798	600	ug/ml
Aliphatic EPH	3.154	21.671	1744681829	10500		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.918	12.918	7126471	49.09		ug/ml
Aliphatic C9-C28	3.154	16.835	1681243919	9970	1200	ug/ml