

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	EX-7-TPH-1MSD		SDG No.:	P5002	
Lab Sample ID:	P5002-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.6	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/26/24 10:25	11/27/24 11:51	PB165286

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	79.1	E	1	0.45	1.18	mg/kg	FC067877.D
Aliphatic C12-C16	Aliphatic C12-C16	456	E	1	0.28	0.79	mg/kg	FC067877.D
Aliphatic C16-C21	Aliphatic C16-C21	433	E	1	0.35	1.18	mg/kg	FC067877.D
Aliphatic C21-C28	Aliphatic C21-C28	150	E	1	0.94	1.57	mg/kg	FC067877.D
Aliphatic C28-C40	Aliphatic C28-C40	103	E	1	2.12	2.36	mg/kg	FC067877.D
Aromatic C10-C12	Aromatic C10-C12	20.5	E	1	0.35	0.79	mg/kg	FD048828.D
Aromatic C12-C16	Aromatic C12-C16	177	E	1	0.40	1.18	mg/kg	FD048828.D
Aromatic C16-C21	Aromatic C16-C21	470	E	1	1.13	1.97	mg/kg	FD048828.D
Aromatic C21-C36	Aromatic C21-C36	132	E	1	2.36	3.15	mg/kg	FD048828.D
Total AliphaticEPH	Total AliphaticEPH	1220			4.15	7.08	mg/kg	
Total AromaticEPH	Total AromaticEPH	800			4.25	7.09	mg/kg	
Total EPH	Total EPH	2020			8.39	14.2	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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Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067877.D	1	11/26/24	11/27/24	PB165286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	79.1	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	456	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	433	E	0.35	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	150	E	0.94	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	103	E	2.12	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.0		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.2		40 - 140	60%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5002-01MSD	Acq On:	27 Nov 2024 11:51
Client Sample ID:	EX-7-TPH-1MSD	Operator:	YP/AJ
Data file:	FC067877.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	3.186	6.461	166849116	1010	300	ug/ml
Aliphatic C12-C16	6.462	9.849	989689154	5810	200	ug/ml
Aliphatic C16-C21	9.850	13.205	934488030	5510	300	ug/ml
Aliphatic C21-C28	13.206	16.857	301414014	1920	400	ug/ml
Aliphatic C28-C40	16.858	21.700	159453519	1320	600	ug/ml
Aliphatic EPH	3.186	21.700	2551893833	15600		ug/ml
ortho-Terphenyl (SURR)	11.473	11.473	5858828	30.22		ug/ml
1-chlorooctadecane (SURR)	12.950	12.950	6379282	43.95		ug/ml
Aliphatic C9-C28	3.186	16.857	2392440314	14200	1200	ug/ml