

Report of Analysis

Client:	ENTACT		Date Collected:	11/13/24	
Project:	North Point		Date Received:	11/13/24	
Client Sample ID:	EX-4-TPH-2		SDG No.:	P4839	
Lab Sample ID:	P4839-18		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.8	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/14/24 14:15	11/15/24 19:49	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.44	U	1	0.44	1.16	mg/kg	FE051272.D
Aliphatic C12-C16	Aliphatic C12-C16	0.82		1	0.28	0.78	mg/kg	FE051272.D
Aliphatic C16-C21	Aliphatic C16-C21	0.66	J	1	0.35	1.16	mg/kg	FE051272.D
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	1	0.93	1.55	mg/kg	FE051272.D
Aliphatic C28-C40	Aliphatic C28-C40	6.78		1	2.10	2.33	mg/kg	FE051272.D
Aromatic C10-C12	Aromatic C10-C12	0.35	U	1	0.35	0.78	mg/kg	FF015064.D
Aromatic C12-C16	Aromatic C12-C16	0.46	J	1	0.40	1.16	mg/kg	FF015064.D
Aromatic C16-C21	Aromatic C16-C21	2.05		1	1.12	1.94	mg/kg	FF015064.D
Aromatic C21-C36	Aromatic C21-C36	2.33	U	1	2.33	3.11	mg/kg	FF015064.D
Total AliphaticEPH	Total AliphaticEPH	8.27			4.10	6.98	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.20	U		4.20	6.99	mg/kg	
Total EPH	Total EPH	10.8	J		8.30	14.0	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

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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051272.D	1	11/14/24	11/15/24	PB164996

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Aliphatic C28-C40	Aliphatic C28-C40	6.78		2.10	2.33	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:	P4839-18	Acq On:	15 Nov 2024 19:49
Client Sample ID:	EX-4-TPH-2	Operator:	YP\AJ
Data file:	FE051272.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	496972	3.552	300	ug/ml
Aliphatic C12-C16	6.754	10.185	1490074	10.595	200	ug/ml
Aliphatic C16-C21	10.186	13.544	1174198	8.523	300	ug/ml
Aliphatic C21-C28	13.545	17.200	1544250	11.528	400	ug/ml
Aliphatic C28-C40	17.201	22.043	11238830	87.293	600	ug/ml
Aliphatic EPH	3.134	22.043	15944324	121.492		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	5574137	49.1		ug/ml
Aliphatic C9-C28	3.134	17.200	4705494	34.198	1200	ug/ml