

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-4-TPH-3	SDG No.:	P4839
Lab Sample ID:	P4839-19	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/14/24 14:15	11/15/24 20:19	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.45	U	1	0.45	1.19	mg/kg	FE051273.D
Aliphatic C12-C16	Aliphatic C12-C16	0.52	J	1	0.28	0.79	mg/kg	FE051273.D
Aliphatic C16-C21	Aliphatic C16-C21	0.45	J	1	0.36	1.19	mg/kg	FE051273.D
Aliphatic C21-C28	Aliphatic C21-C28	0.95	U	1	0.95	1.58	mg/kg	FE051273.D
Aliphatic C28-C40	Aliphatic C28-C40	4.10		1	2.14	2.37	mg/kg	FE051273.D
Aromatic C10-C12	Aromatic C10-C12	0.36	U	1	0.36	0.79	mg/kg	FF015065.D
Aromatic C12-C16	Aromatic C12-C16	2.72		1	0.40	1.19	mg/kg	FF015065.D
Aromatic C16-C21	Aromatic C16-C21	1.89	J	1	1.14	1.98	mg/kg	FF015065.D
Aromatic C21-C36	Aromatic C21-C36	2.37	U	1	2.37	3.16	mg/kg	FF015065.D
Total AliphaticEPH	Total AliphaticEPH	5.06	J		4.18	7.12	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.61	J		4.27	7.12	mg/kg	
Total EPH	Total EPH	9.67	J		8.45	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

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Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051273.D	1	11/14/24	11/15/24	PB164996

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Aliphatic C28-C40	Aliphatic C28-C40	4.10		2.14	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.7		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-19	Acq On:	15 Nov 2024 20:19
Client Sample ID:	EX-4-TPH-3	Operator:	YP\AJ
Data file:	FE051273.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	424569	3.034	300	ug/ml
Aliphatic C12-C16	6.754	10.185	915211	6.508	200	ug/ml
Aliphatic C16-C21	10.186	13.544	782183	5.678	300	ug/ml
Aliphatic C21-C28	13.545	17.200	1199517	8.955	400	ug/ml
Aliphatic C28-C40	17.201	22.043	6669955	51.806	600	ug/ml
Aliphatic EPH	3.134	22.043	9991435	75.981		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	4511828	39.74		ug/ml
Aliphatic C9-C28	3.134	17.200	3321480	24.175	1200	ug/ml