

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-10-TPH-2	SDG No.:	P4839
Lab Sample ID:	P4839-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84
Sample Wt/Vol:	30.06	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	11/19/24 10:27	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	69.7		10	4.51	11.9	mg/kg FE051343.D
Aliphatic C12-C16	Aliphatic C12-C16	120		10	2.85	7.92	mg/kg FE051343.D
Aliphatic C16-C21	Aliphatic C16-C21	18.1		1	0.36	1.19	mg/kg FE051269.D
Aliphatic C21-C28	Aliphatic C21-C28	3.35		1	0.95	1.58	mg/kg FE051269.D
Aliphatic C28-C40	Aliphatic C28-C40	10.2		1	2.14	2.38	mg/kg FE051269.D
Aromatic C10-C12	Aromatic C10-C12	9.67		1	0.36	0.79	mg/kg FF015061.D
Aromatic C12-C16	Aromatic C12-C16	26.1		2	0.81	2.38	mg/kg FF015072.D
Aromatic C16-C21	Aromatic C16-C21	18.6		1	1.14	1.98	mg/kg FF015061.D
Aromatic C21-C36	Aromatic C21-C36	9.38		1	2.38	3.17	mg/kg FF015061.D
Total AliphaticEPH	Total AliphaticEPH	221			10.8	25.0	mg/kg
Total AromaticEPH	Total AromaticEPH	63.8			4.68	8.32	mg/kg
Total EPH	Total EPH	285			15.5	33.3	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
FE051269.D	1	11/14/24	11/15/24	PB164996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	59.3	E	0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	99.3	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	18.1		0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	3.35		0.95	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.2		2.14	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.4		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-15	Acq On:	15 Nov 2024 18:19
Client Sample ID:	EX-10-TPH-2	Operator:	YP\AJ
Data file:	FE051269.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	104785521	748.924	300	ug/ml
Aliphatic C12-C16	6.754	10.185	176272432	1250	200	ug/ml
Aliphatic C16-C21	10.186	13.544	31519632	228.788	300	ug/ml
Aliphatic C21-C28	13.545	17.200	5659383	42.249	400	ug/ml
Aliphatic C28-C40	17.201	22.043	16588339	128.843	600	ug/ml
Aliphatic EPH	3.134	22.043	334825307	2400		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	2549110	22.45		ug/ml
Aliphatic C9-C28	3.134	17.200	318236968	2270	1200	ug/ml