

Report of Analysis

Client:	ENTACT		Date Collected:	11/13/24	
Project:	North Point		Date Received:	11/13/24	
Client Sample ID:	EX-9-TPH-13		SDG No.:	P4839	
Lab Sample ID:	P4839-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.4	
Sample Wt/Vol:	30.01	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	11/18/24 10:51	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	107		10	4.40	11.6	mg/kg FE051303.D
Aliphatic C12-C16	Aliphatic C12-C16	135		10	2.78	7.71	mg/kg FE051303.D
Aliphatic C16-C21	Aliphatic C16-C21	8.16		1	0.35	1.16	mg/kg FE051266.D
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	1	0.93	1.54	mg/kg FE051266.D
Aliphatic C28-C40	Aliphatic C28-C40	3.24		1	2.08	2.31	mg/kg FE051266.D
Aromatic C10-C12	Aromatic C10-C12	39.8		5	1.74	3.86	mg/kg FF015070.D
Aromatic C12-C16	Aromatic C12-C16	51.1		5	1.97	5.79	mg/kg FF015070.D
Aromatic C16-C21	Aromatic C16-C21	15.6		1	1.11	1.93	mg/kg FF015058.D
Aromatic C21-C36	Aromatic C21-C36	2.31	U	1	2.31	3.09	mg/kg FF015058.D
Total AliphaticEPH	Total AliphaticEPH	253			10.5	24.3	mg/kg
Total AromaticEPH	Total AromaticEPH	107			7.13	14.7	mg/kg
Total EPH	Total EPH	360			17.7	39.0	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

D = Dilution

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Analytical Method:	NJEPH		% Solid:	86.4	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051266.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	103	E	0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	127	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.16		0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	0.93	1.54	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.24		2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.7		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-05	Acq On:	15 Nov 2024 16:48
Client Sample ID:	EX-9-TPH-13	Operator:	YP\AJ
Data file:	FE051266.D	Misc:	
Instrument:	FID_E	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	187751458	1340	300	ug/ml
Aliphatic C12-C16	6.754	10.185	232654375	1650	200	ug/ml
Aliphatic C16-C21	10.186	13.544	14582521	105.848	300	ug/ml
Aliphatic C21-C28	13.545	17.200	1044129	7.795	400	ug/ml
Aliphatic C28-C40	17.201	22.043	5412736	42.041	600	ug/ml
Aliphatic EPH	3.134	22.043	441445219	3150		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	3943304	34.73		ug/ml
Aliphatic C9-C28	3.134	17.200	436032483	3110	1200	ug/ml