

Report of Analysis

Client:	ENTACT		Date Collected:	11/13/24	
Project:	North Point		Date Received:	11/13/24	
Client Sample ID:	EX-9-TPH-9		SDG No.:	P4839	
Lab Sample ID:	P4839-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.1	
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
11/14/24 14:15	11/18/24 9:21	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	88.5		10	4.46	11.7	mg/kg FE051300.D
Aliphatic C12-C16	Aliphatic C12-C16	149		10	2.81	7.82	mg/kg FE051300.D
Aliphatic C16-C21	Aliphatic C16-C21	21.5		10	3.52	11.7	mg/kg FE051300.D
Aliphatic C21-C28	Aliphatic C21-C28	1.90		1	0.94	1.56	mg/kg FE051262.D
Aliphatic C28-C40	Aliphatic C28-C40	5.09		1	2.11	2.35	mg/kg FE051262.D
Aromatic C10-C12	Aromatic C10-C12	21.9		5	1.76	3.91	mg/kg FF015069.D
Aromatic C12-C16	Aromatic C12-C16	55.2		5	1.99	5.86	mg/kg FF015069.D
Aromatic C16-C21	Aromatic C16-C21	46.9		5	5.63	9.77	mg/kg FF015069.D
Aromatic C21-C36	Aromatic C21-C36	4.86		1	2.35	3.13	mg/kg FF015054.D
Total AliphaticEPH	Total AliphaticEPH	266			13.8	35.1	mg/kg
Total AromaticEPH	Total AromaticEPH	129			11.7	22.7	mg/kg
Total EPH	Total EPH	395			25.6	57.8	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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Soil Aliquot Vol:		Final Vol:	2000 uL
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Analytical Method:	NJEPH	% Solid:	85.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051262.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	75.0	E	0.45	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	129	E	0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	26.6	E	0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.90		0.94	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.09		2.11	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	23.8		40 - 140	48%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-01	Acq On:	15 Nov 2024 14:48
Client Sample ID:	EX-9-TPH-9	Operator:	YP\AJ
Data file:	FE051262.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	134131901	958.669	300	ug/ml
Aliphatic C12-C16	6.754	10.185	232203783	1650	200	ug/ml
Aliphatic C16-C21	10.186	13.544	46949901	340.79	300	ug/ml
Aliphatic C21-C28	13.545	17.200	3251236	24.272	400	ug/ml
Aliphatic C28-C40	17.201	22.043	8380408	65.091	600	ug/ml
Aliphatic EPH	3.134	22.043	424917229	3040		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.279	13.279	2701622	23.8		ug/ml
Aliphatic C9-C28	3.134	17.200	416536821	2970	1200	ug/ml