

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9	SDG No.:	P4599
Lab Sample ID:	P4599-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 21:06	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	159		10	4.29	11.3	mg/kg FE050955.D
Aliphatic C12-C16	Aliphatic C12-C16	503		50	13.5	37.6	mg/kg FE050956.D
Aliphatic C16-C21	Aliphatic C16-C21	288		50	16.9	56.4	mg/kg FE050956.D
Aliphatic C21-C28	Aliphatic C21-C28	15.5		1	0.90	1.50	mg/kg FE050930.D
Aliphatic C28-C40	Aliphatic C28-C40	5.90		1	2.03	2.26	mg/kg FE050930.D
Aromatic C10-C12	Aromatic C10-C12	64.2		5	1.69	3.76	mg/kg FG014612.D
Aromatic C12-C16	Aromatic C12-C16	316		20	7.67	22.6	mg/kg FG014613.D
Aromatic C16-C21	Aromatic C16-C21	493		20	21.7	37.6	mg/kg FG014613.D
Aromatic C21-C36	Aromatic C21-C36	20.8		1	2.26	3.01	mg/kg FG014585.D
Total AliphaticEPH	Total AliphaticEPH	971			37.6	109	mg/kg
Total AromaticEPH	Total AromaticEPH	894			33.3	67.0	mg/kg
Total EPH	Total EPH	1870			70.9	176	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:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050930.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	136	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	409	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	238	E	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.5		0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.90		2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.3		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-09	Acq On:	31 Oct 2024 08:00
Client Sample ID:	EX-1-TPH-9	Operator:	YP\AJ
Data file:	FE050930.D	Misc:	
Instrument:	FID_E	ALS Vial:	39
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	259054528	1810	300	ug/ml
Aliphatic C12-C16	6.763	10.194	789173519	5440	200	ug/ml
Aliphatic C16-C21	10.195	13.554	457774475	3170	300	ug/ml
Aliphatic C21-C28	13.555	17.208	29304002	206.141	400	ug/ml
Aliphatic C28-C40	17.209	22.057	10856115	78.495	600	ug/ml
Aliphatic EPH	3.144	22.057	1546162639	10800		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	5124318	43.32		ug/ml
Aliphatic C9-C28	3.144	17.208	1535306524	10600	1200	ug/ml