

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4	SDG No.:	P4599
Lab Sample ID:	P4599-04	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
10/30/24 08:20	10/31/24 17:34	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	197		10	4.40	11.6	mg/kg FE050948.D
Aliphatic C12-C16	Aliphatic C12-C16	711		50	13.9	38.6	mg/kg FE050949.D
Aliphatic C16-C21	Aliphatic C16-C21	404		50	17.4	57.9	mg/kg FE050949.D
Aliphatic C21-C28	Aliphatic C21-C28	22.7		1	0.93	1.54	mg/kg FE050925.D
Aliphatic C28-C40	Aliphatic C28-C40	5.45		1	2.08	2.31	mg/kg FE050925.D
Aromatic C10-C12	Aromatic C10-C12	97.8		25	8.68	19.3	mg/kg FG014605.D
Aromatic C12-C16	Aromatic C12-C16	480		25	9.83	28.9	mg/kg FG014605.D
Aromatic C16-C21	Aromatic C16-C21	807		25	27.8	48.2	mg/kg FG014605.D
Aromatic C21-C36	Aromatic C21-C36	29.8		1	2.31	3.09	mg/kg FG014580.D
Total AliphaticEPH	Total AliphaticEPH	1340			38.7	112	mg/kg
Total AromaticEPH	Total AromaticEPH	1410			48.6	99.5	mg/kg
Total EPH	Total EPH	2750			87.3	211	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050925.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	165	E	0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	557	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	319	E	0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	22.7		0.93	1.54	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.45		2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.3		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-04	Acq On:	31 Oct 2024 05:30
Client Sample ID:	EX-1-TPH-4	Operator:	YP\AJ
Data file:	FE050925.D	Misc:	
Instrument:	FID_E	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	305942504	2140	300	ug/ml
Aliphatic C12-C16	6.763	10.194	1047967140	7220	200	ug/ml
Aliphatic C16-C21	10.195	13.554	597503021	4140	300	ug/ml
Aliphatic C21-C28	13.555	17.208	41868654	294.528	400	ug/ml
Aliphatic C28-C40	17.209	22.057	9772738	70.662	600	ug/ml
Aliphatic EPH	3.144	22.057	2003054057	13900		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.294	13.294	3350420	28.32		ug/ml
Aliphatic C9-C28	3.144	17.208	1993281319	13800	1200	ug/ml