

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2	SDG No.:	P4599
Lab Sample ID:	P4599-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.9
Sample Wt/Vol:	30.03 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 16:03	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	154		50	23.2	61.0	mg/kg FE050945.D
Aliphatic C12-C16	Aliphatic C12-C16	531		50	14.6	40.7	mg/kg FE050945.D
Aliphatic C16-C21	Aliphatic C16-C21	329		50	18.3	61.0	mg/kg FE050945.D
Aliphatic C21-C28	Aliphatic C21-C28	19.4		1	0.98	1.63	mg/kg FE050923.D
Aliphatic C28-C40	Aliphatic C28-C40	10.7		1	2.20	2.44	mg/kg FE050923.D
Aromatic C10-C12	Aromatic C10-C12	32.6		5	1.83	4.07	mg/kg FG014600.D
Aromatic C12-C16	Aromatic C12-C16	272		25	10.4	30.5	mg/kg FG014601.D
Aromatic C16-C21	Aromatic C16-C21	546		25	29.3	50.8	mg/kg FG014601.D
Aromatic C21-C36	Aromatic C21-C36	24.3		1	2.44	3.25	mg/kg FG014578.D
Total AliphaticEPH	Total AliphaticEPH	1040			59.3	167	mg/kg
Total AromaticEPH	Total AromaticEPH	875			44.0	88.6	mg/kg
Total EPH	Total EPH	1920			103	255	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050923.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	139	E	0.46	1.22	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	431	E	0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	267	E	0.37	1.22	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	19.4		0.98	1.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.7		2.20	2.44	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.9		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-02	Acq On:	31 Oct 2024 04:30
Client Sample ID:	EX-1-TPH-2	Operator:	YP\AJ
Data file:	FE050923.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	245376195	1720	300	ug/ml
Aliphatic C12-C16	6.763	10.194	770051434	5310	200	ug/ml
Aliphatic C16-C21	10.195	13.554	475310922	3290	300	ug/ml
Aliphatic C21-C28	13.555	17.208	33878414	238.32	400	ug/ml
Aliphatic C28-C40	17.209	22.057	18260305	132.031	600	ug/ml
Aliphatic EPH	3.144	22.057	1542877270	10700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	4012177	33.92		ug/ml
Aliphatic C9-C28	3.144	17.208	1524616965	10600	1200	ug/ml