

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-7	SDG No.:	P4599
Lab Sample ID:	P4599-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 7:00	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.14	J	1	0.46	1.21	mg/kg	FE050928.D
Aliphatic C12-C16	Aliphatic C12-C16	1.84		1	0.29	0.81	mg/kg	FE050928.D
Aliphatic C16-C21	Aliphatic C16-C21	1.16	J	1	0.36	1.21	mg/kg	FE050928.D
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	1	0.97	1.61	mg/kg	FE050928.D
Aliphatic C28-C40	Aliphatic C28-C40	7.88		1	2.17	2.41	mg/kg	FE050928.D
Aromatic C10-C12	Aromatic C10-C12	0.74	J	1	0.36	0.81	mg/kg	FG014583.D
Aromatic C12-C16	Aromatic C12-C16	2.10		1	0.41	1.21	mg/kg	FG014583.D
Aromatic C16-C21	Aromatic C16-C21	7.04		1	1.16	2.01	mg/kg	FG014583.D
Aromatic C21-C36	Aromatic C21-C36	2.41	U	1	2.41	3.22	mg/kg	FG014583.D
Total AliphaticEPH	Total AliphaticEPH	12.0			4.25	7.25	mg/kg	
Total AromaticEPH	Total AromaticEPH	9.88			4.34	7.25	mg/kg	
Total EPH	Total EPH	21.9			8.59	14.5	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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Lab Sample ID:	P4599-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050928.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	1.14	J	0.46	1.21	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.84		0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.16	J	0.36	1.21	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	0.97	1.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.88		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-07	Acq On:	31 Oct 2024 07:00
Client Sample ID:	EX-1-TPH-7	Operator:	YP\AJ
Data file:	FE050928.D	Misc:	
Instrument:	FID_E	ALS Vial:	37
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	2016410	14.111	300	ug/ml
Aliphatic C12-C16	6.763	10.194	3320664	22.882	200	ug/ml
Aliphatic C16-C21	10.195	13.554	2084304	14.434	300	ug/ml
Aliphatic C21-C28	13.555	17.208	1447576	10.183	400	ug/ml
Aliphatic C28-C40	17.209	22.057	13541192	97.909	600	ug/ml
Aliphatic EPH	3.144	22.057	22410146	159.52		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.289	13.289	3541512	29.94		ug/ml
Aliphatic C9-C28	3.144	17.208	8868954	61.61	1200	ug/ml