

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8	SDG No.:	P4599
Lab Sample ID:	P4599-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
Sample Wt/Vol:	30.04	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 20:05	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	160		10	4.50	11.8	mg/kg FE050953.D
Aliphatic C12-C16	Aliphatic C12-C16	527		50	14.2	39.4	mg/kg FE050954.D
Aliphatic C16-C21	Aliphatic C16-C21	301		50	17.7	59.2	mg/kg FE050954.D
Aliphatic C21-C28	Aliphatic C21-C28	16.1		1	0.95	1.58	mg/kg FE050929.D
Aliphatic C28-C40	Aliphatic C28-C40	6.65		1	2.13	2.37	mg/kg FE050929.D
Aromatic C10-C12	Aromatic C10-C12	59.8		20	7.10	15.8	mg/kg FG014611.D
Aromatic C12-C16	Aromatic C12-C16	275		20	8.05	23.7	mg/kg FG014611.D
Aromatic C16-C21	Aromatic C16-C21	548		20	22.7	39.4	mg/kg FG014611.D
Aromatic C21-C36	Aromatic C21-C36	20.6		1	2.37	3.16	mg/kg FG014584.D
Total AliphaticEPH	Total AliphaticEPH	1010			39.5	114	mg/kg
Total AromaticEPH	Total AromaticEPH	903			40.2	82.1	mg/kg
Total EPH	Total EPH	1910			79.7	196	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:	P4599-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.4	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050929.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	143	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	448	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	264	E	0.36	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	16.1		0.95	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.65		2.13	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.8		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-08	Acq On:	31 Oct 2024 07:30
Client Sample ID:	EX-1-TPH-8	Operator:	YP\AJ
Data file:	FE050929.D	Misc:	
Instrument:	FID_E	ALS Vial:	38
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	260390075	1820	300	ug/ml
Aliphatic C12-C16	6.763	10.194	824183022	5680	200	ug/ml
Aliphatic C16-C21	10.195	13.554	483343950	3350	300	ug/ml
Aliphatic C21-C28	13.555	17.208	28969554	203.789	400	ug/ml
Aliphatic C28-C40	17.209	22.057	11660119	84.308	600	ug/ml
Aliphatic EPH	3.144	22.057	1608546720	11100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	4945288	41.81		ug/ml
Aliphatic C9-C28	3.144	17.208	1596886601	11100	1200	ug/ml