

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-12	SDG No.:	Q1308
Lab Sample ID:	Q1308-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 12:00	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	74.9		20	8.53	22.4	mg/kg FE052314.D
Aliphatic C12-C16	Aliphatic C12-C16	211		20	5.39	15.0	mg/kg FE052314.D
Aliphatic C16-C21	Aliphatic C16-C21	117		20	6.73	22.4	mg/kg FE052314.D
Aliphatic C21-C28	Aliphatic C21-C28	15.8		1	0.90	1.50	mg/kg FE052292.D
Aliphatic C28-C40	Aliphatic C28-C40	24.3		1	2.02	2.24	mg/kg FE052292.D
Aromatic C10-C12	Aromatic C10-C12	10.5		1	0.34	0.75	mg/kg FF015494.D
Aromatic C12-C16	Aromatic C12-C16	59.9		5	1.91	5.61	mg/kg FF015514.D
Aromatic C16-C21	Aromatic C16-C21	121		5	5.39	9.35	mg/kg FF015514.D
Aromatic C21-C36	Aromatic C21-C36	18.7		1	2.24	2.99	mg/kg FF015494.D
Total AliphaticEPH	Total AliphaticEPH	443			23.6	63.5	mg/kg
Total AromaticEPH	Total AromaticEPH	210			9.88	18.7	mg/kg
Total EPH	Total EPH	653			33.4	82.2	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
FE052292.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	65.6	E	0.43	1.12	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	187	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	102	E	0.34	1.12	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.8		0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	24.3		2.02	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-11	Acq On:	07 Feb 2025 15:27
Client Sample ID:	EX-11-TPH-12	Operator:	YP\AJ
Data file:	FE052292.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	84367793	877.147	300	ug/ml
Aliphatic C12-C16	7.236	10.639	262318234	2510	200	ug/ml
Aliphatic C16-C21	10.640	13.984	154280737	1370	300	ug/ml
Aliphatic C21-C28	13.985	17.628	24032361	210.812	400	ug/ml
Aliphatic C28-C40	17.629	22.712	29677128	324.15	600	ug/ml
Aliphatic EPH	3.679	22.712	554676253	5280		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.724	13.724	3189852	32.32		ug/ml
Aliphatic C9-C28	3.679	17.628	524999125	4960	1200	ug/ml