

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 10:11	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	148		10	4.75	12.5	mg/kg FE051139.D
Aliphatic C12-C16	Aliphatic C12-C16	529		50	15.0	41.7	mg/kg FE051140.D
Aliphatic C16-C21	Aliphatic C16-C21	347		50	18.8	62.5	mg/kg FE051140.D
Aliphatic C21-C28	Aliphatic C21-C28	55.9		10	10.0	16.7	mg/kg FE051139.D
Aliphatic C28-C40	Aliphatic C28-C40	53.1		10	22.5	25.0	mg/kg FE051139.D
Aromatic C10-C12	Aromatic C10-C12	46.0		5	1.88	4.17	mg/kg FD048694.D
Aromatic C12-C16	Aromatic C12-C16	229		20	8.51	25.0	mg/kg FD048695.D
Aromatic C16-C21	Aromatic C16-C21	438		20	24.0	41.7	mg/kg FD048695.D
Aromatic C21-C36	Aromatic C21-C36	81.8		5	12.5	16.7	mg/kg FD048694.D
Total AliphaticEPH	Total AliphaticEPH	1130			71.0	158	mg/kg
Total AromaticEPH	Total AromaticEPH	795			46.9	87.6	mg/kg
Total EPH	Total EPH	1930			118	246	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
FD048684.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.2	E	0.38	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	178	E	0.43	1.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	370	E	1.20	2.08	mg/kg
Aromatic C21-C36	Aromatic C21-C36	79.3	E	2.50	3.34	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	74.3		40 - 140	149%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	69.8		40 - 140	140%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.2		40 - 140	90%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-04	Acq On:	08 Nov 2024 23:00
Client Sample ID:	EX-11-TPH-1	Operator:	YP/AJ
Data file:	FD048684.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	82903524	470.501	200	ug/ml
Aromatic C12-C16	5.811	8.415	379123772	2140	300	ug/ml
Aromatic C16-C21	8.416	12.678	727268770	4440	500	ug/ml
Aromatic C21-C36	12.679	18.083	145121420	950.288	800	ug/ml
Aromatic EPH	4.092	18.083	1334417486	8000		ug/ml
2-Bromonaphthalene (SURR)	7.379	7.379	11281143	74.33		ug/ml
2-Fluorobiphenyl (SURR)	8.234	8.234	6854475	69.81		ug/ml
ortho-Terphenyl (SURR)	11.273	11.273	7699249	45.2		ug/ml