

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	PB163524BS		SDG No.:	P4103	
Lab Sample ID:	PB163524BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
09/19/24 12:25	09/19/24 21:15	PB163524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.98		1	0.38	1.00	mg/kg FC067180.D
Aliphatic C12-C16	Aliphatic C12-C16	5.30		1	0.24	0.67	mg/kg FC067180.D
Aliphatic C16-C21	Aliphatic C16-C21	9.56		1	0.30	1.00	mg/kg FC067180.D
Aliphatic C21-C28	Aliphatic C21-C28	13.1		1	0.80	1.33	mg/kg FC067180.D
Aliphatic C28-C40	Aliphatic C28-C40	22.2		1	1.80	2.00	mg/kg FC067180.D
Aromatic C10-C12	Aromatic C10-C12	5.50		1	0.30	0.67	mg/kg FD048335.D
Aromatic C12-C16	Aromatic C12-C16	9.16		1	0.34	1.00	mg/kg FD048335.D
Aromatic C16-C21	Aromatic C16-C21	18.1		1	0.96	1.67	mg/kg FD048335.D
Aromatic C21-C36	Aromatic C21-C36	27.8		1	2.00	2.67	mg/kg FD048335.D
Total AliphaticEPH	Total AliphaticEPH	56.1			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	60.6			3.60	6.01	mg/kg
Total EPH	Total EPH	117			7.12	12.0	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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Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067180.D	1	09/19/24	09/19/24	PB163524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.98		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.30		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.56		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	13.1		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.2		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.1		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB163524BS	Acq On:	19 Sep 2024 21:15
Client Sample ID:	PB163524BS	Operator:	YP/AJ
Data file:	FC067180.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.177	6.459	11994601	89.778	300	ug/ml
Aliphatic C12-C16	6.460	9.852	10257222	79.574	200	ug/ml
Aliphatic C16-C21	9.853	13.212	17438084	143.386	300	ug/ml
Aliphatic C21-C28	13.213	16.869	22080355	197.203	400	ug/ml
Aliphatic C28-C40	16.870	21.722	29448960	333.657	600	ug/ml
Aliphatic EPH	3.177	21.722	91219222	843.599		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.945	12.945	3526295	36.1		ug/ml
Aliphatic C9-C28	3.177	16.869	61770262	509.941	1200	ug/ml