

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:		
Project:	NJ Soil PT		Date Received:		
Client Sample ID:	PB164396BS		SDG No.:	P4495	
Lab Sample ID:	PB164396BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
10/25/24 09:05	10/28/24 15:08	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.70		1	0.38	1.00	mg/kg FC067543.D
Aliphatic C12-C16	Aliphatic C12-C16	5.41		1	0.24	0.67	mg/kg FC067543.D
Aliphatic C16-C21	Aliphatic C16-C21	9.37		1	0.30	1.00	mg/kg FC067543.D
Aliphatic C21-C28	Aliphatic C21-C28	12.7		1	0.80	1.33	mg/kg FC067543.D
Aliphatic C28-C40	Aliphatic C28-C40	22.7		1	1.80	2.00	mg/kg FC067543.D
Aromatic C10-C12	Aromatic C10-C12	4.85		1	0.30	0.67	mg/kg FD048604.D
Aromatic C12-C16	Aromatic C12-C16	8.24		1	0.34	1.00	mg/kg FD048604.D
Aromatic C16-C21	Aromatic C16-C21	17.6		1	0.96	1.67	mg/kg FD048604.D
Aromatic C21-C36	Aromatic C21-C36	26.4		1	2.00	2.66	mg/kg FD048604.D
Total AliphaticEPH	Total AliphaticEPH	55.9			3.52	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	57.1			3.60	6.00	mg/kg
Total EPH	Total EPH	113			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:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067543.D	1	10/25/24	10/28/24	PB164396

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.70		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.41		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.37		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.7		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.7		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.6		40 - 140	61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164396BS	Acq On:	28 Oct 2024 15:08
Client Sample ID:	PB164396BS	Operator:	YP/AJ
Data file:	FC067543.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	11602133	85.644	300	ug/ml
Aliphatic C12-C16	6.454	9.842	10695713	81.224	200	ug/ml
Aliphatic C16-C21	9.843	13.200	17892667	140.627	300	ug/ml
Aliphatic C21-C28	13.201	16.853	22932840	190.963	400	ug/ml
Aliphatic C28-C40	16.854	21.695	34400430	340.284	600	ug/ml
Aliphatic EPH	3.173	21.695	97523783	838.742		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	3308795	30.64		ug/ml
Aliphatic C9-C28	3.173	16.853	63123353	498.458	1200	ug/ml