

Report of Analysis

Client:	PSEG	Date Collected:	02/07/25
Project:	Harrison LPA	Date Received:	02/07/25
Client Sample ID:	HAR-ROLLOFFS	SDG No.:	Q1341
Lab Sample ID:	Q1341-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/10/25 08:27	02/10/25 19:27	PB166637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	4.71		1	1.96	2.17	mg/kg	FE052325.D
Aliphatic C9-C28	Aliphatic C9-C28	9.12		1	1.87	4.35	mg/kg	FE052325.D
Total AliphaticEPH	Total AliphaticEPH	13.8			3.83	6.52	mg/kg	
Total EPH	Total EPH	13.8			3.83	6.52	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
FE052325.D	1	02/10/25	02/10/25	PB166637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	9.12		1.87	4.35	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.71		1.96	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.9		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.4		40 - 140	51%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1341-01	Acq On:	10 Feb 2025 19:27
Client Sample ID:	HAR-ROLLOFFS	Operator:	YP\AJ
Data file:	FE052325.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	1236217	12.853	300	ug/ml
Aliphatic C12-C16	7.241	10.644	1702826	16.262	200	ug/ml
Aliphatic C16-C21	10.645	13.990	4337299	38.376	300	ug/ml
Aliphatic C21-C28	13.991	17.632	6653393	58.364	400	ug/ml
Aliphatic C28-C40	17.633	22.724	5957195	65.068	600	ug/ml
Aliphatic EPH	3.682	22.724	19886930	190.921		ug/ml
ortho-Terphenyl (SURR)	12.312	12.312	3138755	25.36		ug/ml
1-chlorooctadecane (SURR)	13.724	13.724	2452560	24.85		ug/ml
Aliphatic C9-C28	3.682	17.632	13929735	125.855	1200	ug/ml