

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	PSEG Metro Way	Date Received:	
Client Sample ID:	PB169156BS	SDG No.:	Q2779
Lab Sample ID:	PB169156BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
08/07/25 09:25	08/07/25 15:22	PB169156

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1	1.18	2.00	mg/kg	FC069601.D
Aliphatic C9-C28	Aliphatic C9-C28	53.9		1	0.91	3.99	mg/kg	FC069601.D
Total AliphaticEPH	Total AliphaticEPH	74.7			2.09	5.99	mg/kg	
Total EPH	Total EPH	74.7			2.09	5.99	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069601.D	1	08/07/25	08/07/25	PB169156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	53.9		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.2		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.0		40 - 140	64%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169156BS	Acq On:	07 Aug 2025 15:22
Client Sample ID:	PB169156BS	Operator:	YP/AJ
Data file:	FC069601.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.300	6.597	20438656	141.269	300	ug/ml
Aliphatic C12-C16	6.598	10.000	26735809	186.396	200	ug/ml
Aliphatic C16-C21	10.001	13.368	28288589	211.802	300	ug/ml
Aliphatic C21-C28	13.369	17.033	31954762	270.098	400	ug/ml
Aliphatic C28-C40	17.034	22.008	29711670	311.72	600	ug/ml
Aliphatic EPH	3.300	22.008	137129486	1120		ug/ml
ortho-Terphenyl (SURR)	11.669	11.669	4773389	32		ug/ml
1-chlorooctadecane (SURR)	13.104	13.104	3729394	34.21		ug/ml
Aliphatic C9-C28	3.300	17.033	107417816	809.565	1200	ug/ml