

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Tonnelle Ave Sub	Date Received:	
Client Sample ID:	PB169599BSD	SDG No.:	Q3022
Lab Sample ID:	PB169599BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 14:40	09/08/25 16:25	PB169599

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	154		1	8.28	30.0	ug/l	FC069818.D
Aliphatic C12-C16	Aliphatic C12-C16	131		1	13.5	20.0	ug/l	FC069818.D
Aliphatic C16-C21	Aliphatic C16-C21	240		1	8.34	30.0	ug/l	FC069818.D
Aliphatic C21-C28	Aliphatic C21-C28	339		1	12.5	40.0	ug/l	FC069818.D
Aliphatic C28-C40	Aliphatic C28-C40	547		1	23.8	60.0	ug/l	FC069818.D
Aromatic C10-C12	Aromatic C10-C12	174		1	2.07	20.0	ug/l	FD049731.D
Aromatic C12-C16	Aromatic C12-C16	291		1	4.26	30.0	ug/l	FD049731.D
Aromatic C16-C21	Aromatic C16-C21	520		1	8.27	50.0	ug/l	FD049731.D
Aromatic C21-C36	Aromatic C21-C36	863		1	23.8	80.0	ug/l	FD049731.D
Total AliphaticEPH	Total AliphaticEPH	1410			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1850			38.4	180	ug/l	
Total EPH	Total EPH	3260			105	360	ug/l	

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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Soil Aliquot Vol:		Final Vol:	2000 uL
		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069818.D	1	09/04/25	09/08/25	PB169599

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.0		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:	PB169599BSD	Acq On:	08 Sep 2025 16:25
Client Sample ID:	PB169599BSD	Operator:	YP/AJ
Data file:	FC069818.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.310	6.604	9785740	77.069	300	ug/ml
Aliphatic C12-C16	6.605	10.003	8440376	65.766	200	ug/ml
Aliphatic C16-C21	10.004	13.368	14156277	120.215	300	ug/ml
Aliphatic C21-C28	13.369	17.031	17397776	169.526	400	ug/ml
Aliphatic C28-C40	17.032	22.005	22277824	273.536	600	ug/ml
Aliphatic EPH	3.310	22.005	72057993	706.112		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.104	13.104	3445621	36.01		ug/ml
Aliphatic C9-C28	3.310	17.031	49780169	432.576	1200	ug/ml