

Report of Analysis

Client:	PSEG	Date Collected:	11/21/25
Project:	PSEG Ridgefield OH ROW Bridge	Date Received:	11/21/25
Client Sample ID:	V933	SDG No.:	Q3707
Lab Sample ID:	Q3707-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	64.2
Sample Wt/Vol:	30.03 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/24/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
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TARGETS

Aliphatic C28-C40	Aliphatic C28-C40	9.90		1	1.84	3.11	mg/kg	FE057001.D	11/24/25 16:12	PB170707
Aliphatic C9-C28	Aliphatic C9-C28	4.91	J	1	1.42	6.23	mg/kg	FE057001.D	11/24/25 16:12	PB170707
Total AliphaticEPH	Total AliphaticEPH	14.8			3.26	9.34	mg/kg			
Total EPH	Total EPH	14.8			3.26	9.34	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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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.91	J	1	1.42	6.23	mg/kg	11/24/25	PB170707
Aliphatic C28-C40	Aliphatic C28-C40	9.90		1	1.84	3.11	mg/kg	11/24/25	PB170707
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.9			40 - 140	54%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	32.3			40 - 140	65%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3707-01	Acq On:	24 Nov 2025 16:12
Client Sample ID:	V933	Operator:	YP\AJ
Data file:	FE057001.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.204	6.829	436534	2.55	300	ug/ml
Aliphatic C12-C16	6.830	10.275	964170	5.394	200	ug/ml
Aliphatic C16-C21	10.276	13.649	7327374	39.288	300	ug/ml
Aliphatic C21-C28	13.650	17.319	916437	4.754	400	ug/ml
Aliphatic C28-C40	17.320	22.252	15196499	95.387	600	ug/ml
Aliphatic EPH	3.204	22.252	24841014	147.373		ug/ml
ortho-Terphenyl (SURR)	11.945	11.945	6745839	32.29		ug/ml
1-chlorooctadecane (SURR)	13.382	13.382	4338539	26.93		ug/ml
Aliphatic C9-C28	3.204	17.319	9644515	51.986	1200	ug/ml