

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-E2	SDG No.:	Q3707
Lab Sample ID:	Q3707-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	65.2
Sample Wt/Vol:	30.05 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	7.29		1	1.81	3.06	mg/kg	FE057005.D	11/24/25 18:13	PB170707
Aliphatic C9-C28	Aliphatic C9-C28	6.12	U	1	1.39	6.12	mg/kg	FE057005.D	11/24/25 18:13	PB170707
Total AliphaticEPH	Total AliphaticEPH	7.29	J		3.20	9.18	mg/kg			
Total EPH	Total EPH	7.29	J		3.20	9.18	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 Date	11/24/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.000	U	1	1.39	6.12	mg/kg	11/24/25	PB170707
Aliphatic C28-C40	Aliphatic C28-C40	7.29		1	1.81	3.06	mg/kg	11/24/25	PB170707
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	22.2			40 - 140	44%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	26.0			40 - 140	52%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3707-02	Acq On:	24 Nov 2025 18:13
Client Sample ID:	V933-E2	Operator:	YP\AJ
Data file:	FE057005.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.204	6.829	451919	2.64	300	ug/ml
Aliphatic C12-C16	6.830	10.275	820524	4.59	200	ug/ml
Aliphatic C16-C21	10.276	13.649	437573	2.346	300	ug/ml
Aliphatic C21-C28	13.650	17.319	717328	3.721	400	ug/ml
Aliphatic C28-C40	17.320	22.252	11381456	71.44	600	ug/ml
Aliphatic EPH	3.204	22.252	13808800	84.738		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	5434582	26.01		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3580141	22.22		ug/ml
Aliphatic C9-C28	3.204	17.319	2427344	13.297	1200	ug/ml