

Report of Analysis

Client:	PSEG	Date Collected:	03/21/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	03/21/25
Client Sample ID:	OK-01-03212025	SDG No.:	Q1624
Lab Sample ID:	Q1624-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/24/25 08:18	03/24/25 16:09	PB167270

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	18.5		1	1.36	2.30	mg/kg	FE052943.D
Aliphatic C9-C28	Aliphatic C9-C28	4.50	J	1	1.05	4.60	mg/kg	FE052943.D
Total AliphaticEPH	Total AliphaticEPH	23.0			2.41	6.90	mg/kg	
Total EPH	Total EPH	23.0			2.41	6.90	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
FE052943.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.50	J	1.05	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.5		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.4		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.3		40 - 140	76%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1624-01	Acq On:	24 Mar 2025 16:09
Client Sample ID:	OK-01-03212025	Operator:	YP\AJ
Data file:	FE052943.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	3.147	6.791	1402141	8.991	300	ug/ml
Aliphatic C12-C16	6.792	10.244	1311407	8.622	200	ug/ml
Aliphatic C16-C21	10.245	13.623	1598609	10.908	300	ug/ml
Aliphatic C21-C28	13.624	17.297	4292881	30.136	400	ug/ml
Aliphatic C28-C40	17.298	22.225	30721136	240.782	600	ug/ml
Aliphatic EPH	3.147	22.225	39326174	299.439		ug/ml
ortho-Terphenyl (SURR)	11.910	11.910	6448662	38.25		ug/ml
1-chlorooctadecane (SURR)	13.355	13.355	4661333	38.39		ug/ml
Aliphatic C9-C28	3.147	17.297	8605038	58.657	1200	ug/ml