

Report of Analysis

Client:	PSEG	Date Collected:	11/14/24
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	11/14/24
Client Sample ID:	OK-02-11142024	SDG No.:	P4851
Lab Sample ID:	P4851-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/15/24 09:30	11/19/24 2:23	PB164994

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	138		5	9.54	10.6	mg/kg	FE051331.D
Aliphatic C9-C28	Aliphatic C9-C28	9.10		1	1.82	4.24	mg/kg	FE051291.D
Total AliphaticEPH	Total AliphaticEPH	147			11.4	14.8	mg/kg	
Total EPH	Total EPH	147			11.4	14.8	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
FE051291.D	1	11/15/24	11/16/24	PB164994

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	9.10		1.82	4.24	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	132	E	1.91	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.8		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.8		40 - 140	58%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4851-01	Acq On:	16 Nov 2024 06:55
Client Sample ID:	OK-02-11142024	Operator:	YP\AJ
Data file:	FE051291.D	Misc:	
Instrument:	FID_E	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	1360749	9.726	300	ug/ml
Aliphatic C12-C16	6.754	10.185	2563087	18.225	200	ug/ml
Aliphatic C16-C21	10.186	13.544	5064663	36.762	300	ug/ml
Aliphatic C21-C28	13.545	17.200	8569666	63.976	400	ug/ml
Aliphatic C28-C40	17.201	22.043	241271612	1870	600	ug/ml
Aliphatic EPH	3.134	22.043	258829777	2000		ug/ml
ortho-Terphenyl (SURR)	11.848	11.848	4317540	28.77		ug/ml
1-chlorooctadecane (SURR)	13.281	13.281	3386346	29.83		ug/ml
Aliphatic C9-C28	3.134	17.200	17558165	128.689	1200	ug/ml