

Report of Analysis

Client:	PSEG	Date Collected:	10/30/24
Project:	Orange Gas	Date Received:	10/30/24
Client Sample ID:	EO-01-103024-E2DL	SDG No.:	P4639
Lab Sample ID:	P4639-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014898.D	2	10/31/24	11/01/24	PB164554

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	64.4		3.76	8.73	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	70.9		3.93	4.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	86.0		40 - 140	344%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	13.8		40 - 140	55%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4639-02DL	Acq On:	01 Nov 2024 10:56
Client Sample ID:	P4639-02DL	Operator:	YP\AJ
Data file:	FF014898.D	Misc:	
Instrument:	FID_F	ALS Vial:	62
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.224	6.835	1127298	8.839	300	ug/ml
Aliphatic C12-C16	6.836	10.268	10496235	79.599	200	ug/ml
Aliphatic C16-C21	10.269	13.632	35556507	258.39	300	ug/ml
Aliphatic C21-C28	13.633	17.294	13207409	95.247	400	ug/ml
Aliphatic C28-C40	17.295	22.188	54941321	486.65	600	ug/ml
Aliphatic EPH	3.224	22.188	115328770	928.724		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	2103685	13.8		ug/ml
1-chlorooctadecane (SURR)	13.358	13.358	10334649	86.02		ug/ml
Aliphatic C9-C28	3.224	17.294	60387449	442.075	1200	ug/ml