

Report of Analysis

Client:	PSEG	Date Collected:	10/30/24
Project:	Orange Gas	Date Received:	10/30/24
Client Sample ID:	EO-02-103024DL	SDG No.:	P4639
Lab Sample ID:	P4639-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.5
Sample Wt/Vol:	30.02 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
FF014899.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	87.1		3.80	8.83	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	69.2		3.98	4.42	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	98.4		40 - 140	394%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	15.7		40 - 140	63%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4639-03DL	Acq On:	01 Nov 2024 11:25
Client Sample ID:	P4639-03DL	Operator:	YP\AJ
Data file:	FF014899.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.224	6.835	4902092	38.437	300	ug/ml
Aliphatic C12-C16	6.836	10.268	16374646	124.178	200	ug/ml
Aliphatic C16-C21	10.269	13.632	49959356	363.056	300	ug/ml
Aliphatic C21-C28	13.633	17.294	9052177	65.281	400	ug/ml
Aliphatic C28-C40	17.295	22.188	53064194	470.023	600	ug/ml
Aliphatic EPH	3.224	22.188	133352465	1060		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	2394090	15.7		ug/ml
1-chlorooctadecane (SURR)	13.360	13.360	11825248	98.43		ug/ml
Aliphatic C9-C28	3.224	17.294	80288271	590.952	1200	ug/ml