

Report of Analysis

Client:	PSEG	Date Collected:	10/30/24
Project:	Orange Gas	Date Received:	10/30/24
Client Sample ID:	EO-02-103024-E2DL	SDG No.:	P4639
Lab Sample ID:	P4639-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.5
Sample Wt/Vol:	30.04 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
FF014900.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	3.85	J	3.84	8.93	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	52.6		4.02	4.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	14.5		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	14.2		40 - 140	57%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4639-04DL	Acq On:	01 Nov 2024 11:53
Client Sample ID:	P4639-04DL	Operator:	YP\AJ
Data file:	FF014900.D	Misc:	
Instrument:	FID_F	ALS Vial:	64
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.224	6.835	416569	3.266	300	ug/ml
Aliphatic C12-C16	6.836	10.268	581148	4.407	200	ug/ml
Aliphatic C16-C21	10.269	13.632	1058161	7.69	300	ug/ml
Aliphatic C21-C28	13.633	17.294	1464415	10.561	400	ug/ml
Aliphatic C28-C40	17.295	22.188	39928786	353.674	600	ug/ml
Aliphatic EPH	3.224	22.188	43449079	379.598		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	2159321	14.16		ug/ml
1-chlorooctadecane (SURR)	13.366	13.366	1743866	14.52		ug/ml
Aliphatic C9-C28	3.224	17.294	3520293	25.924	1200	ug/ml