

Report of Analysis

Client:	PSEG	Date Collected:	01/29/25
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	01/29/25
Client Sample ID:	TR-06-01292025-E2DL	SDG No.:	Q1220
Lab Sample ID:	Q1220-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.7
Sample Wt/Vol:	30.05 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
FF015409.D	2	01/30/25	01/31/25	PB166362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	59.7		3.83	8.91	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	53.7		4.01	4.45	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	18.5		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	14.6		40 - 140	58%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1220-02DL	Acq On:	31 Jan 2025 10:07
Client Sample ID:	Q1220-02DL	Operator:	YP\AJ
Data file:	FF015409.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.833	6599057	49.508	300	ug/ml
Aliphatic C12-C16	6.834	10.268	22697251	163.993	200	ug/ml
Aliphatic C16-C21	10.269	13.636	20399248	141.212	300	ug/ml
Aliphatic C21-C28	13.637	17.303	6746957	47.375	400	ug/ml
Aliphatic C28-C40	17.304	22.207	37874801	361.792	600	ug/ml
Aliphatic EPH	3.214	22.207	94317314	763.881		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	2316478	14.57		ug/ml
1-chlorooctadecane (SURR)	13.369	13.369	2308619	18.52		ug/ml
Aliphatic C9-C28	3.214	17.303	56442513	402.088	1200	ug/ml