

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-06-01292025DL	SDG No.:	Q1220
Lab Sample ID:	Q1220-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.2
Sample Wt/Vol:	30.1 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
FF015408.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	112		3.68	8.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.5		3.85	4.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	18.7		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	17.3		40 - 140	69%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1220-01DL	Acq On:	31 Jan 2025 09:38
Client Sample ID:	Q1220-01DL	Operator:	YP\AJ
Data file:	FF015408.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.833	10522104	78.94	300	ug/ml
Aliphatic C12-C16	6.834	10.268	50841037	367.34	200	ug/ml
Aliphatic C16-C21	10.269	13.636	41848058	289.69	300	ug/ml
Aliphatic C21-C28	13.637	17.303	7115776	49.965	400	ug/ml
Aliphatic C28-C40	17.304	22.207	26816040	256.156	600	ug/ml
Aliphatic EPH	3.214	22.207	137143015	1040		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	2754960	17.33		ug/ml
1-chlorooctadecane (SURR)	13.368	13.368	2335762	18.74		ug/ml
Aliphatic C9-C28	3.214	17.303	110326975	785.935	1200	ug/ml