284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG	Date Collected:	11/16/24
Project:	Bergen Point 69kV - 4KV-13KV Conversion Project OP	Date Received:	11/18/24
Client Sample ID:	MH-762	SDG No.:	P4893
Lab Sample ID:	P4893-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/19/24 09:45	11/19/24 15:06	PB165088

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	4.71		1	2.02	2.25	mg/kg	FE051348.D
Aliphatic C9-C28	Aliphatic C9-C28	4.49	U	1	1.93	4.49	mg/kg	FE051348.D
Total AliphaticEPH	Total AliphaticEPH	4.71	J		3.95	6.74	mg/kg	
Total EPH	Total EPH	4.71	J		3.95	6.74	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051348.D	1	11/19/24	11/19/24	PB165088

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.000	U	1.93	4.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		4.71		2.02	2.25	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		27.7		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		28.0		40 - 140	56%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4893-05	Acq On:	19 Nov 2024 15:06
Client Sample ID:	MH-762	Operator:	YP\AJ
Data file:	FE051348.D	Misc:	
Instrument:	FID_E	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.752	283758	2.028	300	ug/ml
Aliphatic C12-C16	6.753	10.184	643022	4.572	200	ug/ml
Aliphatic C16-C21	10.185	13.543	1072179	7.782	300	ug/ml
Aliphatic C21-C28	13.544	17.198	1399889	10.451	400	ug/ml
Aliphatic C28-C40	17.199	22.041	8084677	62.794	600	ug/ml
Aliphatic EPH	3.136	22.041	11483525	87.628		ug/ml
ortho-Terphenyl (SURR)	11.846	11.846	4200287	27.98		ug/ml
1-chlorooctadecane (SURR)	13.279	13.279	3140490	27.66		ug/ml
Aliphatic C9-C28	3.136	17.198	3398848	24.833	1200	ug/ml