

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	166 Belmont Ave Belleville	Date Received:	
Client Sample ID:	6MSD	SDG No.:	Q2618
Lab Sample ID:	Q2618-08MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/18/25 08:55	07/18/25 17:27	PB168910

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	87.7	E	1	0.97	4.28	mg/kg	FE054931.D
Total EPH	Total EPH	87.7			0.97	4.28	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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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FE054931.D	1	07/18/25	07/18/25	PB168910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	87.7	E	0.97	4.28	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.0		1.26	2.14	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.5		40 - 140	71%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2618-08MSD	Acq On:	18 Jul 2025 17:27
Client Sample ID:	Q2618-08MSD	Operator:	YP\AJ
Data file:	FE054931.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.330	6.963	24775261	182.097	300	ug/ml
Aliphatic C12-C16	6.964	10.415	36948801	262.853	200	ug/ml
Aliphatic C16-C21	10.416	13.793	62102229	430.09	300	ug/ml
Aliphatic C21-C28	13.794	17.463	51393158	355.289	400	ug/ml
Aliphatic C28-C40	17.464	22.490	54511710	393.168	600	ug/ml
Aliphatic EPH	3.330	22.490	229731159	1620		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	5757319	35.45		ug/ml
1-chlorooctadecane (SURR)	13.523	13.523	4513885	35.74		ug/ml
Aliphatic C9-C28	3.330	17.463	175219449	1230	1200	ug/ml