



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q1236
Client: Sciacca General Contractors, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID: 0

Total Voc :
Total Concentration:

A
B
C
D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	01/30/25	
Project:	1063 Lafayette Ave, Hawthorne, NJ		Date Received:	01/30/25	
Client Sample ID:	VOC		SDG No.:	Q1236	
Lab Sample ID:	Q1236-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	82.3	
Sample Wt/Vol:	5.03	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RTX-VMS	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080238.D	1		02/04/25 15:53	VD020425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.00	U	2.00	6.00	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.00	ug/Kg
75-01-4	Vinyl Chloride	0.93	U	0.93	6.00	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	6.00	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	6.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	6.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.00	ug/Kg
75-35-4	1,1-Dichloroethene	0.94	U	0.94	6.00	ug/Kg
67-64-1	Acetone	7.50	U	7.50	30.2	ug/Kg
75-15-0	Carbon Disulfide	1.50	U	1.50	6.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.81	U	0.81	6.00	ug/Kg
79-20-9	Methyl Acetate	2.20	U	2.20	6.00	ug/Kg
75-09-2	Methylene Chloride	4.10	U	4.10	12.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.00	U	1.00	6.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.76	U	0.76	6.00	ug/Kg
110-82-7	Cyclohexane	0.83	U	0.83	6.00	ug/Kg
78-93-3	2-Butanone	6.90	U	6.90	30.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	6.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.74	U	0.74	6.00	ug/Kg
74-97-5	Bromochloromethane	2.90	U	2.90	6.00	ug/Kg
67-66-3	Chloroform	0.81	U	0.81	6.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.94	U	0.94	6.00	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.00	ug/Kg
71-43-2	Benzene	0.87	U	0.87	6.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.74	U	0.74	6.00	ug/Kg
79-01-6	Trichloroethene	0.91	U	0.91	6.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.80	U	0.80	6.00	ug/Kg
75-27-4	Bromodichloromethane	0.68	U	0.68	6.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.30	U	5.30	30.2	ug/Kg
108-88-3	Toluene	0.81	U	0.81	6.00	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	01/30/25	
Project:	1063 Lafayette Ave, Hawthorne, NJ		Date Received:	01/30/25	
Client Sample ID:	VOC		SDG No.:	Q1236	
Lab Sample ID:	Q1236-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	82.3	
Sample Wt/Vol:	5.03	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RTX-VMS	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080238.D	1		02/04/25 15:53	VD020425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.72	U	0.72	6.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.69	U	0.69	6.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	6.00	ug/Kg
591-78-6	2-Hexanone	5.80	U	5.80	30.2	ug/Kg
124-48-1	Dibromochloromethane	0.79	U	0.79	6.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.95	U	0.95	6.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	6.00	ug/Kg
108-90-7	Chlorobenzene	0.89	U	0.89	6.00	ug/Kg
100-41-4	Ethyl Benzene	0.75	U	0.75	6.00	ug/Kg
179601-23-1	m/p-Xylenes	1.60	U	1.60	12.1	ug/Kg
95-47-6	o-Xylene	0.85	U	0.85	6.00	ug/Kg
100-42-5	Styrene	0.72	U	0.72	6.00	ug/Kg
75-25-2	Bromoform	0.98	U	0.98	6.00	ug/Kg
98-82-8	Isopropylbenzene	0.81	U	0.81	6.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	6.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.89	U	0.89	6.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.97	U	0.97	6.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.71	U	0.71	6.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	6.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.95	U	0.95	6.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.94	U	0.94	6.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	71.6	*	70 (50) - 130 (163)	143%	SPK: 50
1868-53-7	Dibromofluoromethane	61.0		70 (54) - 130 (147)	122%	SPK: 50
2037-26-5	Toluene-d8	39.6		70 (58) - 130 (134)	79%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.5		70 (29) - 130 (146)	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	7900	7.875			
540-36-3	1,4-Difluorobenzene	14300	8.775			
3114-55-4	Chlorobenzene-d5	13700	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	5400	13.516			

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	01/30/25	
Project:	1063 Lafayette Ave, Hawthorne, NJ		Date Received:	01/30/25	
Client Sample ID:	VOC		SDG No.:	Q1236	
Lab Sample ID:	Q1236-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	82.3	
Sample Wt/Vol:	5.03	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RTX-VMS	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080238.D	1		02/04/25 15:53	VD020425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

M = MS/MSD acceptance 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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q1236	OrderDate:	1/30/2025 12:48:00 PM
Client:	Sciacca General Contractors, LLC	Project:	1063 Lafayette Ave, Hawthorne, NJ
Contact:	Daniel Scirica	Location:	E11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1236-02	VOC	SOIL	VOC-TCLVOA-10	8260D	01/30/25		02/04/25	01/30/25



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	WASTE	SDG No.:	Q1236
Lab Sample ID:	Q1236-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	81.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FE052196.D	1	01/31/25 12:05	02/01/25 3:15	PB166433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	62500		389	3460	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	12.7		37 - 130	64%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance 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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q1236	OrderDate:	1/30/2025 12:48:00 PM
Client:	Sciacca General Contractors, LLC	Project:	1063 Lafayette Ave, Hawthorne, NJ
Contact:	Daniel Scirica	Location:	E11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1236-01	WASTE	SOIL	TPH GC	8015D	01/30/25	01/31/25	02/01/25	01/30/25



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	1	SDG No.:	Q1236
Lab Sample ID:	Q1236-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.7
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 12:05	02/03/25 11:21	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.82	J	1	2.08	4.84	mg/kg	FD049039.D
Total EPH	Total EPH	4.82	J		2.08	4.84	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	1	SDG No.:	Q1236
Lab Sample ID:	Q1236-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.7
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049039.D	1	01/31/25	02/03/25	PB166432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.82	J	2.08	4.84	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.0		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.9		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.4		40 - 140	75%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-03	Acq On:	03 Feb 2025 11:21
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FD049039.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.004	6.241	1260678	7.741	300	ug/ml
Aliphatic C12-C16	6.242	9.610	1375404	8.145	200	ug/ml
Aliphatic C16-C21	9.611	12.951	2719551	15.729	300	ug/ml
Aliphatic C21-C28	12.952	16.589	4747926	28.167	400	ug/ml
Aliphatic C28-C40	16.590	21.285	19583805	148.945	600	ug/ml
Aliphatic EPH	3.004	21.285	29687364	208.726		ug/ml
ortho-Terphenyl (SURR)	11.240	11.240	7225813	37.42		ug/ml
1-chlorooctadecane (SURR)	12.681	12.681	4539906	30.93		ug/ml
Aliphatic C9-C28	3.004	16.589	10103559	59.782	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	2	SDG No.:	Q1236
Lab Sample ID:	Q1236-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 12:05	02/03/25 11:57	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.19		1	2.10	4.88	mg/kg	FD049040.D
Total EPH	Total EPH	8.19			2.10	4.88	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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	2	SDG No.:	Q1236
Lab Sample ID:	Q1236-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049040.D	1	01/31/25	02/03/25	PB166432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.19		2.10	4.88	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.22		2.20	2.44	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.4		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.9		40 - 140	92%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-04	Acq On:	03 Feb 2025 11:57
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FD049040.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.004	6.241	1506232	9.248	300	ug/ml
Aliphatic C12-C16	6.242	9.610	1265522	7.494	200	ug/ml
Aliphatic C16-C21	9.611	12.951	11371341	65.767	300	ug/ml
Aliphatic C21-C28	12.952	16.589	3073117	18.231	400	ug/ml
Aliphatic C28-C40	16.590	21.285	11668464	88.745	600	ug/ml
Aliphatic EPH	3.004	21.285	28884676	189.486		ug/ml
ortho-Terphenyl (SURR)	11.241	11.241	8869975	45.94		ug/ml
1-chlorooctadecane (SURR)	12.681	12.681	5338278	36.37		ug/ml
Aliphatic C9-C28	3.004	16.589	17216212	100.74	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	3	SDG No.:	Q1236
Lab Sample ID:	Q1236-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 12:05	02/03/25 12:34	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.47		1	2.11	4.92	mg/kg	FD049041.D
Total EPH	Total EPH	6.47			2.11	4.92	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.

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N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	3	SDG No.:	Q1236
Lab Sample ID:	Q1236-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049041.D	1	01/31/25	02/03/25	PB166432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.47		2.11	4.92	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.73		2.21	2.45	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.9		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	53.3		40 - 140	106%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-05	Acq On:	03 Feb 2025 12:34
Client Sample ID:	3	Operator:	YP/AJ
Data file:	FD049041.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.004	6.241	1276987	7.841	300	ug/ml
Aliphatic C12-C16	6.242	9.610	1143782	6.773	200	ug/ml
Aliphatic C16-C21	9.611	12.951	8319265	48.115	300	ug/ml
Aliphatic C21-C28	12.952	16.589	2777137	16.475	400	ug/ml
Aliphatic C28-C40	16.590	21.285	10821541	82.304	600	ug/ml
Aliphatic EPH	3.004	21.285	24338712	161.508		ug/ml
ortho-Terphenyl (SURR)	11.242	11.242	10281548	53.25		ug/ml
1-chlorooctadecane (SURR)	12.683	12.683	5854987	39.89		ug/ml
Aliphatic C9-C28	3.004	16.589	13517171	79.204	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	4	SDG No.:	Q1236
Lab Sample ID:	Q1236-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 12:05	02/03/25 13:11	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.0		1	2.07	4.80	mg/kg	FD049042.D
Total EPH	Total EPH	11.0			2.07	4.80	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	4	SDG No.:	Q1236
Lab Sample ID:	Q1236-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049042.D	1	01/31/25	02/03/25	PB166432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	11.0		2.07	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.86		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.3		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.9		40 - 140	106%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-06	Acq On:	03 Feb 2025 13:11
Client Sample ID:	4	Operator:	YP/AJ
Data file:	FD049042.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.004	6.241	4130894	25.364	300	ug/ml
Aliphatic C12-C16	6.242	9.610	2055201	12.17	200	ug/ml
Aliphatic C16-C21	9.611	12.951	13364680	77.296	300	ug/ml
Aliphatic C21-C28	12.952	16.589	3703418	21.97	400	ug/ml
Aliphatic C28-C40	16.590	21.285	16154485	122.864	600	ug/ml
Aliphatic EPH	3.004	21.285	39408678	259.664		ug/ml
ortho-Terphenyl (SURR)	11.243	11.243	10221038	52.93		ug/ml
1-chlorooctadecane (SURR)	12.682	12.682	5478047	37.32		ug/ml
Aliphatic C9-C28	3.004	16.589	23254193	136.8	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	5	SDG No.:	Q1236
Lab Sample ID:	Q1236-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 12:05	01/31/25 19:44	PB166432

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.65		1	2.07	4.80	mg/kg	FD049031.D
Total EPH	Total EPH	6.65			2.07	4.80	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	01/30/25
Project:	1063 Lafayette Ave, Hawthorne, NJ	Date Received:	01/30/25
Client Sample ID:	5	SDG No.:	Q1236
Lab Sample ID:	Q1236-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049031.D	1	01/31/25	01/31/25	PB166432

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.65		2.07	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.4		2.16	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	23.4		40 - 140	47%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.4		40 - 140	49%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1236-07	Acq On:	31 Jan 2025 19:44
Client Sample ID:	5	Operator:	YP/AJ
Data file:	FD049031.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.006	6.243	3236243	19.871	300	ug/ml
Aliphatic C12-C16	6.244	9.612	2161337	12.799	200	ug/ml
Aliphatic C16-C21	9.613	12.953	3827261	22.135	300	ug/ml
Aliphatic C21-C28	12.954	16.592	4760344	28.24	400	ug/ml
Aliphatic C28-C40	16.593	21.288	18736792	142.503	600	ug/ml
Aliphatic EPH	3.006	21.288	32721977	225.548		ug/ml
ortho-Terphenyl (SURR)	11.239	11.239	4711799	24.4		ug/ml
1-chlorooctadecane (SURR)	12.681	12.681	3436628	23.41		ug/ml
Aliphatic C9-C28	3.006	16.592	13985185	83.045	1200	ug/ml

LAB CHRONICLE

OrderID:	Q1236	OrderDate:	1/30/2025 12:48:00 PM
Client:	Sciacca General Contractors, LLC	Project:	1063 Lafayette Ave, Hawthorne, NJ
Contact:	Daniel Scirica	Location:	E11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1236-01	WASTE	SOIL	TPH GC	8015D	01/30/25	01/31/25	02/01/25	01/30/25
Q1236-03	1	Solid	EPH_F2	NJEPH	01/30/25	01/31/25	02/03/25	01/30/25
Q1236-04	2	Solid	EPH_F2	NJEPH	01/30/25	01/31/25	02/03/25	01/30/25
Q1236-05	3	Solid	EPH_F2	NJEPH	01/30/25	01/31/25	02/03/25	01/30/25
Q1236-06	4	Solid	EPH_F2	NJEPH	01/30/25	01/31/25	02/03/25	01/30/25
Q1236-07	5	Solid	EPH_F2	NJEPH	01/30/25	01/31/25	01/31/25	01/30/25