

Hit Summary Sheet
SW-846

SDG No.: Q2147

Client: Sciacca General Contractors, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q2147-02	VOC VOC	SOIL	1-Methyldodecylamine	* 18.8	J	0	0	ug/Kg
			Total Tics :			18.8		
			Total Concentration:			18.8		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	05/27/25	
Project:	98 Morse Ave Nutley		Date Received:	05/28/25	
Client Sample ID:	VOC		SDG No.:	Q2147	
Lab Sample ID:	Q2147-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82.4	
Sample Wt/Vol:	5.48	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022459.D	1		05/29/25 12:02	VY052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.50	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.87	U	0.87	5.50	ug/Kg
74-83-9	Bromomethane	1.20	UQ	1.20	5.50	ug/Kg
75-00-3	Chloroethane	1.40	UQ	1.40	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.50	ug/Kg
67-64-1	Acetone	5.20	U	5.20	27.7	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.81	U	0.81	5.50	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.50	ug/Kg
75-09-2	Methylene Chloride	3.90	U	3.90	11.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.89	U	0.89	5.50	ug/Kg
110-82-7	Cyclohexane	0.87	U	0.87	5.50	ug/Kg
78-93-3	2-Butanone	7.20	U	7.20	27.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.83	U	0.83	5.50	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.50	ug/Kg
67-66-3	Chloroform	0.93	U	0.93	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.87	U	0.87	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.87	U	0.87	5.50	ug/Kg
79-01-6	Trichloroethene	0.90	U	0.90	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.86	U	0.86	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	27.7	ug/Kg
108-88-3	Toluene	0.86	U	0.86	5.50	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC			Date Collected:	05/27/25
Project:	98 Morse Ave Nutley			Date Received:	05/28/25
Client Sample ID:	VOC			SDG No.:	Q2147
Lab Sample ID:	Q2147-02			Matrix:	SOIL
Analytical Method:	8260D			% Solid:	82.4
Sample Wt/Vol:	5.48	Units:	g	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022459.D	1		05/29/25 12:02	VY052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.72	U	0.72	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.69	U	0.69	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
591-78-6	2-Hexanone	4.10	U	4.10	27.7	ug/Kg
124-48-1	Dibromochloromethane	0.96	U	0.96	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.97	U	0.97	5.50	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.50	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.74	U	0.74	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.1	ug/Kg
95-47-6	o-Xylene	0.91	U	0.91	5.50	ug/Kg
100-42-5	Styrene	0.79	U	0.79	5.50	ug/Kg
75-25-2	Bromoform	0.95	U	0.95	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	0.86	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	3.30	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.50	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	38.5	63 - 155	77%	SPK: 50
1868-53-7	Dibromofluoromethane	41.0	70 - 134	82%	SPK: 50
2037-26-5	Toluene-d8	44.2	74 - 123	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	23.9	17 - 146	48%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	23000	7.713
540-36-3	1,4-Difluorobenzene	34400	8.622
3114-55-4	Chlorobenzene-d5	20400	11.42
3855-82-1	1,4-Dichlorobenzene-d4	4360	13.352

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	05/27/25	
Project:	98 Morse Ave Nutley		Date Received:	05/28/25	
Client Sample ID:	VOC		SDG No.:	Q2147	
Lab Sample ID:	Q2147-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82.4	
Sample Wt/Vol:	5.48	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022459.D	1		05/29/25 12:02	VY052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
013205-57-7	1-Methyldodecylamine	18.8	J		2.10	ug/Kg

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:	Q2147	OrderDate:	5/28/2025 1:30:00 PM
Client:	Sciacca General Contractors, LLC	Project:	98 Morse Ave Nutley
Contact:	Rosanne Scirica	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2147-02	VOC	SOIL	VOC-TCLVOA-10	8260D	05/27/25		05/29/25	05/28/25



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	WASTE	SDG No.:	Q2147
Lab Sample ID:	Q2147-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	81.8
Sample Wt/Vol:	30.05	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
FG016006.D	1	06/09/25 10:35	06/10/25 13:08	PB168365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	5470		469	3460	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	10.6		37 - 130	53%	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:	Q2147	OrderDate:	5/28/2025 1:30:00 PM
Client:	Sciacca General Contractors, LLC	Project:	98 Morse Ave Nutley
Contact:	Rosanne Scirica	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2147-01	WASTE	SOIL			05/27/25			05/28/25
			TPH GC	8015D		06/09/25	06/10/25	
Q2147-03	1	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2147-04	2	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2147-05	3	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2147-06	4	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2147-07	5	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	1	SDG No.:	Q2147
Lab Sample ID:	Q2147-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.2
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
06/03/25 10:00	06/03/25 15:25	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	25.6		1	1.05	4.63	mg/kg	FE054152.D
Total EPH	Total EPH	25.6			1.05	4.63	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:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	1	SDG No.:	Q2147
Lab Sample ID:	Q2147-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.2
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
FE054152.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	25.6		1.05	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1.37	2.32	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.7		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.8		40 - 140	66%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-03	Acq On:	03 Jun 2025 15:25
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE054152.D	Misc:	
Instrument:	FID_E	ALS Vial:	9
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	224417	1.655	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1697150	12.577	200	ug/ml
Aliphatic C16-C21	10.179	13.552	19961887	151.329	300	ug/ml
Aliphatic C21-C28	13.553	17.220	20767030	167.237	400	ug/ml
Aliphatic C28-C40	17.221	22.091	30468249	263.952	600	ug/ml
Aliphatic EPH	3.085	22.091	73118733	596.751		ug/ml
ortho-Terphenyl (SURR)	11.838	11.838	5334008	32.82		ug/ml
1-chlorooctadecane (SURR)	13.284	13.284	4947176	41.73		ug/ml
Aliphatic C9-C28	3.085	17.220	42650484	332.798	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	2	SDG No.:	Q2147
Lab Sample ID:	Q2147-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 15:55	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.07		1	1.07	4.68	mg/kg	FE054153.D
Total EPH	Total EPH	5.07			1.07	4.68	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:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	2	SDG No.:	Q2147
Lab Sample ID:	Q2147-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.01 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
FE054153.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.07		1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.7		1.38	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.4		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.4		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-04	Acq On:	03 Jun 2025 15:55
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE054153.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	3.085	6.730	197601	1.458	300	ug/ml
Aliphatic C12-C16	6.731	10.178	725046	5.373	200	ug/ml
Aliphatic C16-C21	10.179	13.552	5003539	37.931	300	ug/ml
Aliphatic C21-C28	13.553	17.220	2672377	21.521	400	ug/ml
Aliphatic C28-C40	17.221	22.091	15756899	136.505	600	ug/ml
Aliphatic EPH	3.085	22.091	24355462	202.788		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	4769125	29.35		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	3726369	31.43		ug/ml
Aliphatic C9-C28	3.085	17.220	8598563	66.283	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	3	SDG No.:	Q2147
Lab Sample ID:	Q2147-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
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
06/03/25 10:00	06/03/25 16:25	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1	1.05	4.63	mg/kg	FE054154.D
Total EPH	Total EPH	15.4			1.05	4.63	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:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	3	SDG No.:	Q2147
Lab Sample ID:	Q2147-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
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
FE054154.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1.05	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1.37	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.6		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-05	Acq On:	03 Jun 2025 16:25
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE054154.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	512642	3.782	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1534113	11.369	200	ug/ml
Aliphatic C16-C21	10.179	13.552	12380533	93.855	300	ug/ml
Aliphatic C21-C28	13.553	17.220	11225279	90.397	400	ug/ml
Aliphatic C28-C40	17.221	22.091	31447277	272.434	600	ug/ml
Aliphatic EPH	3.085	22.091	57099844	471.837		ug/ml
ortho-Terphenyl (SURR)	11.838	11.838	5657146	34.81		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	4694741	39.6		ug/ml
Aliphatic C9-C28	3.085	17.220	25652567	199.403	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	4	SDG No.:	Q2147
Lab Sample ID:	Q2147-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
06/03/25 10:00	06/03/25 17:56	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.2		1	1.07	4.68	mg/kg	FE054157.D
Total EPH	Total EPH	11.2			1.07	4.68	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:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	4	SDG No.:	Q2147
Lab Sample ID:	Q2147-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
FE054157.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	11.2		1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.0		1.38	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.4		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.0		40 - 140	56%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-06	Acq On:	03 Jun 2025 17:56
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE054157.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	789835	5.826	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1117068	8.278	200	ug/ml
Aliphatic C16-C21	10.179	13.552	6555704	49.698	300	ug/ml
Aliphatic C21-C28	13.553	17.220	9803241	78.946	400	ug/ml
Aliphatic C28-C40	17.221	22.091	45776422	396.57	600	ug/ml
Aliphatic EPH	3.085	22.091	64042270	539.318		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	4550399	28		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	3835715	32.36		ug/ml
Aliphatic C9-C28	3.085	17.220	18265848	142.748	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	5	SDG No.:	Q2147
Lab Sample ID:	Q2147-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
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
06/03/25 10:00	06/03/25 18:26	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	7.64		1	1.07	4.68	mg/kg	FE054158.D
Total EPH	Total EPH	7.64			1.07	4.68	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:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	5	SDG No.:	Q2147
Lab Sample ID:	Q2147-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
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
FE054158.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.64		1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	16.8		1.38	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.8		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.4		40 - 140	47%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-07	Acq On:	03 Jun 2025 18:26
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE054158.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	254043	1.874	300	ug/ml
Aliphatic C12-C16	6.731	10.178	698091	5.173	200	ug/ml
Aliphatic C16-C21	10.179	13.552	6953541	52.714	300	ug/ml
Aliphatic C21-C28	13.553	17.220	4952557	39.883	400	ug/ml
Aliphatic C28-C40	17.221	22.091	24840369	215.197	600	ug/ml
Aliphatic EPH	3.085	22.091	37698601	314.841		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	3805179	23.41		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	3053172	25.75		ug/ml
Aliphatic C9-C28	3.085	17.220	12858232	99.644	1200	ug/ml

LAB CHRONICLE

OrderID: Q2147	OrderDate: 5/28/2025 1:30:00 PM
Client: Sciacca General Contractors, LLC	Project: 98 Morse Ave Nutley
Contact: Rosanne Scirica	Location: L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2147-03	1	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25
Q2147-04	2	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25
Q2147-05	3	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25
Q2147-06	4	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25
Q2147-07	5	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25