



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

Hit Summary Sheet
SW-846

SDG No.: Q1542
Client: Sciacca General Contractors, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
-----------	-----------	--------	-----------	---------------	---	-----	-----	-------

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:	03/10/25	
Project:	248 Union St., Lodi		Date Received:	03/11/25	
Client Sample ID:	VOC		SDG No.:	Q1542	
Lab Sample ID:	Q1542-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	86.1	
Sample Wt/Vol:	5.02	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
VY021522.D	1		03/13/25 13:58	Vy031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.80	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.80	ug/Kg
75-01-4	Vinyl Chloride	0.91	U	0.91	5.80	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.80	ug/Kg
75-00-3	Chloroethane	1.50	U	1.50	5.80	ug/Kg
75-69-4	Trichlorofluoromethane	1.40	U	1.40	5.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.80	ug/Kg
75-35-4	1,1-Dichloroethene	1.20	U	1.20	5.80	ug/Kg
67-64-1	Acetone	5.50	U	5.50	28.9	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.84	U	0.84	5.80	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	5.80	ug/Kg
75-09-2	Methylene Chloride	4.10	U	4.10	11.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.99	U	0.99	5.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.93	U	0.93	5.80	ug/Kg
110-82-7	Cyclohexane	0.91	U	0.91	5.80	ug/Kg
78-93-3	2-Butanone	7.60	U	7.60	28.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.87	U	0.87	5.80	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.80	ug/Kg
67-66-3	Chloroform	0.97	U	0.97	5.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	5.80	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	5.80	ug/Kg
71-43-2	Benzene	0.91	U	0.91	5.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.91	U	0.91	5.80	ug/Kg
79-01-6	Trichloroethene	0.94	U	0.94	5.80	ug/Kg
78-87-5	1,2-Dichloropropane	1.10	U	1.10	5.80	ug/Kg
75-27-4	Bromodichloromethane	0.90	U	0.90	5.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.10	U	4.10	28.9	ug/Kg
108-88-3	Toluene	0.90	U	0.90	5.80	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC			Date Collected:	03/10/25	
Project:	248 Union St., Lodi			Date Received:	03/11/25	
Client Sample ID:	VOC			SDG No.:	Q1542	
Lab Sample ID:	Q1542-02			Matrix:	SOIL	
Analytical Method:	SW8260			% Solid:	86.1	
Sample Wt/Vol:	5.02	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
VY021522.D	1		03/13/25 13:58	Vy031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.75	U	0.75	5.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.72	U	0.72	5.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	5.80	ug/Kg
591-78-6	2-Hexanone	4.30	U	4.30	28.9	ug/Kg
124-48-1	Dibromochloromethane	1.00	U	1.00	5.80	ug/Kg
106-93-4	1,2-Dibromoethane	1.00	U	1.00	5.80	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.80	ug/Kg
108-90-7	Chlorobenzene	1.10	U	1.10	5.80	ug/Kg
100-41-4	Ethyl Benzene	0.78	U	0.78	5.80	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.6	ug/Kg
95-47-6	o-Xylene	0.95	U	0.95	5.80	ug/Kg
100-42-5	Styrene	0.82	U	0.82	5.80	ug/Kg
75-25-2	Bromoform	0.99	U	0.99	5.80	ug/Kg
98-82-8	Isopropylbenzene	0.90	U	0.90	5.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1.40	5.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.00	U	2.00	5.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.80	5.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.70	U	1.70	5.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	2.10	5.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.40	U	3.40	5.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.70	U	3.70	5.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		70 (63) - 130 (155)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	47.7		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.6		70 (38) - 130 (136)	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	136000	7.707			
540-36-3	1,4-Difluorobenzene	228000	8.616			
3114-55-4	Chlorobenzene-d5	189000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	65900	13.347			

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	03/10/25	
Project:	248 Union St., Lodi		Date Received:	03/11/25	
Client Sample ID:	VOC		SDG No.:	Q1542	
Lab Sample ID:	Q1542-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	86.1	
Sample Wt/Vol:	5.02	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
VY021522.D	1		03/13/25 13:58	Vy031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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:	Q1542	OrderDate:	3/11/2025 11:00:00 AM
Client:	Sciacca General Contractors, LLC	Project:	248 Union St., Lodi
Contact:	Rosanne Scirica	Location:	--Select--,F11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1542-02	VOC	SOIL	VOC-TCLVOA-10	8260D	03/10/25		03/13/25	03/11/25



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	03/10/25	
Project:	248 Union St., Lodi		Date Received:	03/11/25	
Client Sample ID:	WASTE		SDG No.:	Q1542	
Lab Sample ID:	Q1542-01		Matrix:	SOIL	
Analytical Method:	8015D TPH		% Solid:	85.3	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	TPH GC	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF015658.D	1	03/12/25 08:40	03/12/25 12:58	PB167095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
PHC	Petroleum Hydrocarbons	57400		372	1660	3310	ug/kg
SURROGATES							
16416-32-3	TETRACOSANE-d50	17.5		37 - 130		87%	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:	Q1542	OrderDate:	3/11/2025 11:00:00 AM
Client:	Sciacca General Contractors, LLC	Project:	248 Union St., Lodi
Contact:	Rosanne Scirica	Location:	--Select--,F11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1542-01	WASTE	SOIL	TPH GC	8015D	03/10/25	03/12/25	03/12/25	03/11/25



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	1	SDG No.:	Q1542
Lab Sample ID:	Q1542-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
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
03/12/25 08:55	03/12/25 13:38	PB167096

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.93		1	2.02	4.68	mg/kg	FE052762.D
Total EPH	Total EPH	4.93			2.02	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:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	1	SDG No.:	Q1542
Lab Sample ID:	Q1542-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
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
FE052762.D	1	03/12/25	03/12/25	PB167096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.93		2.02	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.64		2.11	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.7		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.0		40 - 140	64%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1542-03	Acq On:	12 Mar 2025 13:38
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE052762.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	3.148	6.790	537104	3.444	300	ug/ml
Aliphatic C12-C16	6.791	10.243	1644687	10.813	200	ug/ml
Aliphatic C16-C21	10.244	13.621	2768399	18.891	300	ug/ml
Aliphatic C21-C28	13.622	17.293	4748732	33.336	400	ug/ml
Aliphatic C28-C40	17.294	22.210	14096437	110.483	600	ug/ml
Aliphatic EPH	3.148	22.210	23795359	176.967		ug/ml
ortho-Terphenyl (SURR)	11.908	11.908	5398815	32.02		ug/ml
1-chlorooctadecane (SURR)	13.353	13.353	3968594	32.68		ug/ml
Aliphatic C9-C28	3.148	17.293	9698922	66.484	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	2	SDG No.:	Q1542
Lab Sample ID:	Q1542-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
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
03/12/25 08:55	03/12/25 14:08	PB167096

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.59		1	1.97	4.57	mg/kg	FE052763.D
Total EPH	Total EPH	6.59			1.97	4.57	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:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	2	SDG No.:	Q1542
Lab Sample ID:	Q1542-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
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
FE052763.D	1	03/12/25	03/12/25	PB167096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.59		1.97	4.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.18		2.06	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.0		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.7		40 - 140	79%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1542-04	Acq On:	12 Mar 2025 14:08
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE052763.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	3.148	6.790	654541	4.197	300	ug/ml
Aliphatic C12-C16	6.791	10.243	2163284	14.223	200	ug/ml
Aliphatic C16-C21	10.244	13.621	3945398	26.922	300	ug/ml
Aliphatic C21-C28	13.622	17.293	6432734	45.157	400	ug/ml
Aliphatic C28-C40	17.294	22.210	13670406	107.144	600	ug/ml
Aliphatic EPH	3.148	22.210	26866363	197.644		ug/ml
ortho-Terphenyl (SURR)	11.909	11.909	6687196	39.67		ug/ml
1-chlorooctadecane (SURR)	13.353	13.353	5102804	42.02		ug/ml
Aliphatic C9-C28	3.148	17.293	13195957	90.499	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	3	SDG No.:	Q1542
Lab Sample ID:	Q1542-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
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
03/12/25 08:55	03/12/25 14:37	PB167096

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	7.05		1	2.04	4.75	mg/kg	FE052764.D
Total EPH	Total EPH	7.05			2.04	4.75	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:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	3	SDG No.:	Q1542
Lab Sample ID:	Q1542-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
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
FE052764.D	1	03/12/25	03/12/25	PB167096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.05		2.04	4.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.7		2.14	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.0		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.7		40 - 140	63%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1542-05	Acq On:	12 Mar 2025 14:37
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE052764.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.790	553469	3.549	300	ug/ml
Aliphatic C12-C16	6.791	10.243	1803333	11.856	200	ug/ml
Aliphatic C16-C21	10.244	13.621	3879743	26.474	300	ug/ml
Aliphatic C21-C28	13.622	17.293	7242365	50.841	400	ug/ml
Aliphatic C28-C40	17.294	22.210	23698947	185.744	600	ug/ml
Aliphatic EPH	3.148	22.210	37177857	278.465		ug/ml
ortho-Terphenyl (SURR)	11.908	11.908	5350576	31.74		ug/ml
1-chlorooctadecane (SURR)	13.353	13.353	4007844	33.01		ug/ml
Aliphatic C9-C28	3.148	17.293	13478910	92.72	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	4	SDG No.:	Q1542
Lab Sample ID:	Q1542-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
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
03/12/25 08:55	03/12/25 15:08	PB167096

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	21.7		1	1.97	4.56	mg/kg	FE052765.D
Total EPH	Total EPH	21.7			1.97	4.56	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:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	4	SDG No.:	Q1542
Lab Sample ID:	Q1542-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
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
FE052765.D	1	03/12/25	03/12/25	PB167096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	21.7		1.97	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	34.9		2.06	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.3		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1542-06	Acq On:	12 Mar 2025 15:08
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE052765.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.790	739995	4.745	300	ug/ml
Aliphatic C12-C16	6.791	10.243	1792542	11.785	200	ug/ml
Aliphatic C16-C21	10.244	13.621	3909326	26.676	300	ug/ml
Aliphatic C21-C28	13.622	17.293	35125197	246.576	400	ug/ml
Aliphatic C28-C40	17.294	22.210	58418092	457.861	600	ug/ml
Aliphatic EPH	3.148	22.210	99985152	747.644		ug/ml
ortho-Terphenyl (SURR)	11.909	11.909	4944795	29.33		ug/ml
1-chlorooctadecane (SURR)	13.353	13.353	3832336	31.56		ug/ml
Aliphatic C9-C28	3.148	17.293	41567060	289.782	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	5	SDG No.:	Q1542
Lab Sample ID:	Q1542-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
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
03/12/25 08:55	03/12/25 15:38	PB167096

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	27.8		1	1.99	4.63	mg/kg	FE052766.D
Total EPH	Total EPH	27.8			1.99	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:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	5	SDG No.:	Q1542
Lab Sample ID:	Q1542-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
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
FE052766.D	1	03/12/25	03/12/25	PB167096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	27.8		1.99	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	59.1	E	2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.6		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.3		40 - 140	71%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1542-07	Acq On:	12 Mar 2025 15:38
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE052766.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.790	1000106	6.413	300	ug/ml
Aliphatic C12-C16	6.791	10.243	2519294	16.564	200	ug/ml
Aliphatic C16-C21	10.244	13.621	5581098	38.084	300	ug/ml
Aliphatic C21-C28	13.622	17.293	42673579	299.565	400	ug/ml
Aliphatic C28-C40	17.294	22.210	97827245	766.737	600	ug/ml
Aliphatic EPH	3.148	22.210	149601322	1130		ug/ml
ortho-Terphenyl (SURR)	11.913	11.913	5957099	35.34		ug/ml
1-chlorooctadecane (SURR)	13.359	13.359	4572120	37.65		ug/ml
Aliphatic C9-C28	3.148	17.293	51774077	360.626	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	6	SDG No.:	Q1542
Lab Sample ID:	Q1542-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.3
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
03/12/25 08:55	03/12/25 17:09	PB167096

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	15.3		1	2.01	4.68	mg/kg	FE052769.D
Total EPH	Total EPH	15.3			2.01	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:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	6	SDG No.:	Q1542
Lab Sample ID:	Q1542-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.3
Sample Wt/Vol:	30.04 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
FE052769.D	1	03/12/25	03/12/25	PB167096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.3		2.01	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	50.7	E	2.11	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.3		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.7		40 - 140	67%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1542-08	Acq On:	12 Mar 2025 17:09
Client Sample ID:	6	Operator:	YP\AJ
Data file:	FE052769.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	3.148	6.790	1186953	7.611	300	ug/ml
Aliphatic C12-C16	6.791	10.243	2233082	14.682	200	ug/ml
Aliphatic C16-C21	10.244	13.621	4073944	27.799	300	ug/ml
Aliphatic C21-C28	13.622	17.293	20841705	146.307	400	ug/ml
Aliphatic C28-C40	17.294	22.210	82862223	649.446	600	ug/ml
Aliphatic EPH	3.148	22.210	111197907	845.845		ug/ml
ortho-Terphenyl (SURR)	11.911	11.911	5680546	33.7		ug/ml
1-chlorooctadecane (SURR)	13.356	13.356	4287427	35.31		ug/ml
Aliphatic C9-C28	3.148	17.293	28335684	196.399	1200	ug/ml

LAB CHRONICLE

OrderID:	Q1542	OrderDate:	3/11/2025 11:00:00 AM
Client:	Sciacca General Contractors, LLC	Project:	248 Union St., Lodi
Contact:	Rosanne Scirica	Location:	--Select--,F11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1542-01	WASTE	SOIL	TPH GC	8015D	03/10/25	03/12/25	03/12/25	03/11/25
Q1542-03	1	Solid	EPH_F2	NJEPH	03/10/25	03/12/25	03/12/25	03/11/25
Q1542-04	2	Solid	EPH_F2	NJEPH	03/10/25	03/12/25	03/12/25	03/11/25
Q1542-05	3	Solid	EPH_F2	NJEPH	03/10/25	03/12/25	03/12/25	03/11/25
Q1542-06	4	Solid	EPH_F2	NJEPH	03/10/25	03/12/25	03/12/25	03/11/25
Q1542-07	5	Solid	EPH_F2	NJEPH	03/10/25	03/12/25	03/12/25	03/11/25
Q1542-08	6	Solid	EPH_F2	NJEPH	03/10/25	03/12/25	03/12/25	03/11/25