



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

Hit Summary Sheet
SW-846

SDG No.: Q2868
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:	08/12/25	
Project:	507 Franklin Ave		Date Received:	08/13/25	
Client Sample ID:	VOC		SDG No.:	Q2868	
Lab Sample ID:	Q2868-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	97.5	
Sample Wt/Vol:	5.18	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:	Date Analyzed	Prep Batch ID
VY023131.D	1	08/15/25 17:33	VY081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.78	U	0.78	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	0.99	U	0.99	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	24.8	ug/Kg
75-15-0	Carbon Disulfide	1.00	U	1.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.72	U	0.72	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	9.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.85	U	0.85	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
110-82-7	Cyclohexane	0.78	U	0.78	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	24.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.96	U	0.96	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.74	U	0.74	5.00	ug/Kg
74-97-5	Bromochloromethane	1.10	U	1.10	5.00	ug/Kg
67-66-3	Chloroform	0.83	U	0.83	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.90	U	0.90	5.00	ug/Kg
71-43-2	Benzene	0.78	U	0.78	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.78	U	0.78	5.00	ug/Kg
79-01-6	Trichloroethene	0.80	U	0.80	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.90	U	0.90	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.77	U	0.77	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.50	U	3.50	24.8	ug/Kg
108-88-3	Toluene	0.77	U	0.77	5.00	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	08/12/25	
Project:	507 Franklin Ave		Date Received:	08/13/25	
Client Sample ID:	VOC		SDG No.:	Q2868	
Lab Sample ID:	Q2868-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	97.5	
Sample Wt/Vol:	5.18	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:	Date Analyzed	Prep Batch ID
VY023131.D	1	08/15/25 17:33	VY081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.64	U	0.64	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.61	U	0.61	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.91	U	0.91	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	24.8	ug/Kg
124-48-1	Dibromochloromethane	0.86	U	0.86	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.87	U	0.87	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.00	U	1.00	5.00	ug/Kg
108-90-7	Chlorobenzene	0.90	U	0.90	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.66	U	0.66	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.90	ug/Kg
95-47-6	o-Xylene	0.81	U	0.81	5.00	ug/Kg
100-42-5	Styrene	0.70	U	0.70	5.00	ug/Kg
75-25-2	Bromoform	0.85	U	0.85	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.77	U	0.77	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.90	U	2.90	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.10	U	3.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.5		63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	52.2		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		17 - 146	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	497000	7.701			
540-36-3	1,4-Difluorobenzene	932000	8.61			
3114-55-4	Chlorobenzene-d5	854000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	359000	13.34			

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	08/12/25	
Project:	507 Franklin Ave		Date Received:	08/13/25	
Client Sample ID:	VOC		SDG No.:	Q2868	
Lab Sample ID:	Q2868-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	97.5	
Sample Wt/Vol:	5.18	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:	Date Analyzed	Prep Batch ID
VY023131.D	1	08/15/25 17:33	VY081525

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:	Q2868	OrderDate:	8/14/2025 9:08:00 AM
Client:	Sciacca General Contractors, LLC	Project:	507 Franklin Ave
Contact:	Rosanne Scirica	Location:	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2868-02	VOC	SOIL	VOC-TCLVOA-10	8260D	08/12/25		08/15/25	08/13/25



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	1	SDG No.:	Q2868
Lab Sample ID:	Q2868-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
08/20/25 08:15	08/21/25 10:11	PB169321

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	495		10	9.80	43.2	mg/kg	FE055420.D
Total EPH	Total EPH	495			9.80	43.2	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:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	1	SDG No.:	Q2868
Lab Sample ID:	Q2868-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.7
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
FE055408.D	1	08/20/25	08/20/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	504	E	0.98	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	212	E	1.27	2.15	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	65.9		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.6		40 - 140	103%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-03	Acq On:	20 Aug 2025 13:33
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE055408.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.321	6.956	3242387	27.764	300	ug/ml
Aliphatic C12-C16	6.957	10.409	41749971	333.394	200	ug/ml
Aliphatic C16-C21	10.410	13.790	419902126	3320	300	ug/ml
Aliphatic C21-C28	13.791	17.463	403133420	3350	400	ug/ml
Aliphatic C28-C40	17.464	22.490	337899334	2960	600	ug/ml
Aliphatic EPH	3.321	22.490	1205927238	9990		ug/ml
ortho-Terphenyl (SURR)	12.094	12.094	7371532	51.62		ug/ml
1-chlorooctadecane (SURR)	13.527	13.527	7086226	65.9		ug/ml
Aliphatic C9-C28	3.321	17.463	868027904	7030	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	1DL	SDG No.:	Q2868
Lab Sample ID:	Q2868-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.7
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
FE055420.D	10	08/20/25	08/21/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	495		9.80	43.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	220		12.7	21.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	7.48		40 - 140	150%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.94		40 - 140	99%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-03DL	Acq On:	21 Aug 2025 10:11
Client Sample ID:	IDL	Operator:	YP\AJ
Data file:	FE055420.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.954	498688	4.27	300	ug/ml
Aliphatic C12-C16	6.955	10.407	4683134	37.397	200	ug/ml
Aliphatic C16-C21	10.408	13.787	42887132	339.284	300	ug/ml
Aliphatic C21-C28	13.788	17.460	37329977	309.778	400	ug/ml
Aliphatic C28-C40	17.461	22.485	34991933	306.981	600	ug/ml
Aliphatic EPH	3.319	22.485	120390864	997.71		ug/ml
ortho-Terphenyl (SURR)	12.087	12.087	704869	4.94		ug/ml
1-chlorooctadecane (SURR)	13.538	13.538	804215	7.48		ug/ml
Aliphatic C9-C28	3.319	17.460	85398931	690.729	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	2	SDG No.:	Q2868
Lab Sample ID:	Q2868-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
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
08/20/25 08:15	08/21/25 10:41	PB169321

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	800		20	19.8	86.8	mg/kg	FE055421.D
Total EPH	Total EPH	800			19.8	86.8	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:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	2	SDG No.:	Q2868
Lab Sample ID:	Q2868-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
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
FE055409.D	1	08/20/25	08/20/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	683	E	0.99	4.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	293	E	1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	60.8		40 - 140	122%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.6		40 - 140	105%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-04	Acq On:	20 Aug 2025 14:04
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE055409.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.321	6.956	4042019	34.611	300	ug/ml
Aliphatic C12-C16	6.957	10.409	60568497	483.669	200	ug/ml
Aliphatic C16-C21	10.410	13.790	581352117	4600	300	ug/ml
Aliphatic C21-C28	13.791	17.463	523000561	4340	400	ug/ml
Aliphatic C28-C40	17.464	22.490	463217503	4060	600	ug/ml
Aliphatic EPH	3.321	22.490	1632180697	13500		ug/ml
ortho-Terphenyl (SURR)	12.098	12.098	7507561	52.57		ug/ml
1-chlorooctadecane (SURR)	13.533	13.533	6538852	60.81		ug/ml
Aliphatic C9-C28	3.321	17.463	1168963194	9460	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	2DL	SDG No.:	Q2868
Lab Sample ID:	Q2868-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
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
FE055421.D	20	08/20/25	08/21/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	800		19.8	86.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	342		25.6	43.4	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	6.51		40 - 140	260%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.33		40 - 140	133%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-04DL	Acq On:	21 Aug 2025 10:41
Client Sample ID:	2DL	Operator:	YP\AJ
Data file:	FE055421.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.954	329091	2.818	300	ug/ml
Aliphatic C12-C16	6.955	10.407	2058101	16.435	200	ug/ml
Aliphatic C16-C21	10.408	13.787	35211118	278.558	300	ug/ml
Aliphatic C21-C28	13.788	17.460	31235850	259.206	400	ug/ml
Aliphatic C28-C40	17.461	22.485	27013055	236.983	600	ug/ml
Aliphatic EPH	3.319	22.485	95847215	794.001		ug/ml
ortho-Terphenyl (SURR)	12.083	12.083	475169	3.33		ug/ml
1-chlorooctadecane (SURR)	13.536	13.536	699656	6.51		ug/ml
Aliphatic C9-C28	3.319	17.460	68834160	557.017	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	3	SDG No.:	Q2868
Lab Sample ID:	Q2868-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/20/25 08:15	08/21/25 11:12	PB169321

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	433		10	9.68	42.5	mg/kg	FE055422.D
Total EPH	Total EPH	433			9.68	42.5	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:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	3	SDG No.:	Q2868
Lab Sample ID:	Q2868-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.6
Sample Wt/Vol:	30.1 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
FE055410.D	1	08/20/25	08/20/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	455	E	0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	209	E	1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	56.3		40 - 140	113%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.0		40 - 140	90%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-05	Acq On:	20 Aug 2025 14:34
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE055410.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	3.321	6.956	2018502	17.284	300	ug/ml
Aliphatic C12-C16	6.957	10.409	35937202	286.976	200	ug/ml
Aliphatic C16-C21	10.410	13.790	397801693	3150	300	ug/ml
Aliphatic C21-C28	13.791	17.463	356980542	2960	400	ug/ml
Aliphatic C28-C40	17.464	22.490	336271376	2950	600	ug/ml
Aliphatic EPH	3.321	22.490	1129009315	9360		ug/ml
ortho-Terphenyl (SURR)	12.094	12.094	6424823	44.99		ug/ml
1-chlorooctadecane (SURR)	13.528	13.528	6057795	56.34		ug/ml
Aliphatic C9-C28	3.321	17.463	792737939	6410	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	3DL	SDG No.:	Q2868
Lab Sample ID:	Q2868-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.6
Sample Wt/Vol:	30.1 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
FE055422.D	10	08/20/25	08/21/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	433		9.68	42.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	223		12.6	21.3	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	7.46		40 - 140	149%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.37		40 - 140	87%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-05DL	Acq On:	21 Aug 2025 11:12
Client Sample ID:	3DL	Operator:	YP\AJ
Data file:	FE055422.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.954	341198	2.922	300	ug/ml
Aliphatic C12-C16	6.955	10.407	3355068	26.792	200	ug/ml
Aliphatic C16-C21	10.408	13.787	38188255	302.111	300	ug/ml
Aliphatic C21-C28	13.788	17.460	34030332	282.396	400	ug/ml
Aliphatic C28-C40	17.461	22.485	35908445	315.022	600	ug/ml
Aliphatic EPH	3.319	22.485	111823298	929.242		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	624306	4.37		ug/ml
1-chlorooctadecane (SURR)	13.534	13.534	801716	7.46		ug/ml
Aliphatic C9-C28	3.319	17.460	75914853	614.221	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	4	SDG No.:	Q2868
Lab Sample ID:	Q2868-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95
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
08/20/25 08:15	08/21/25 11:42	PB169321

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	345		10	9.57	42.0	mg/kg	FE055423.D
Total EPH	Total EPH	345			9.57	42.0	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:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	4	SDG No.:	Q2868
Lab Sample ID:	Q2868-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95
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
FE055411.D	1	08/20/25	08/20/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	354	E	0.96	4.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	163	E	1.24	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	58.4		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.4		40 - 140	87%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-06	Acq On:	20 Aug 2025 15:04
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE055411.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.321	6.956	1694416	14.509	300	ug/ml
Aliphatic C12-C16	6.957	10.409	26759566	213.688	200	ug/ml
Aliphatic C16-C21	10.410	13.790	308524688	2440	300	ug/ml
Aliphatic C21-C28	13.791	17.463	290530413	2410	400	ug/ml
Aliphatic C28-C40	17.464	22.490	266259371	2340	600	ug/ml
Aliphatic EPH	3.321	22.490	893768454	7420		ug/ml
ortho-Terphenyl (SURR)	12.092	12.092	6198037	43.4		ug/ml
1-chlorooctadecane (SURR)	13.526	13.526	6274343	58.35		ug/ml
Aliphatic C9-C28	3.321	17.463	627509083	5080	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	4DL	SDG No.:	Q2868
Lab Sample ID:	Q2868-06DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95
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
FE055423.D	10	08/20/25	08/21/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	345		9.57	42.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	152		12.4	21.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.86		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.18		40 - 140	84%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-06DL	Acq On:	21 Aug 2025 11:42
Client Sample ID:	4DL	Operator:	YP\AJ
Data file:	FE055423.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.954	329052	2.818	300	ug/ml
Aliphatic C12-C16	6.955	10.407	2916625	23.291	200	ug/ml
Aliphatic C16-C21	10.408	13.787	30491622	241.222	300	ug/ml
Aliphatic C21-C28	13.788	17.460	27827881	230.926	400	ug/ml
Aliphatic C28-C40	17.461	22.485	24744978	217.086	600	ug/ml
Aliphatic EPH	3.319	22.485	86310158	715.342		ug/ml
ortho-Terphenyl (SURR)	12.083	12.083	597018	4.18		ug/ml
1-chlorooctadecane (SURR)	13.532	13.532	630315	5.86		ug/ml
Aliphatic C9-C28	3.319	17.460	61565180	498.257	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	5	SDG No.:	Q2868
Lab Sample ID:	Q2868-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.1
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
08/20/25 08:15	08/21/25 12:12	PB169321

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	523		10	9.44	41.5	mg/kg	FE055424.D
Total EPH	Total EPH	523			9.44	41.5	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:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	5	SDG No.:	Q2868
Lab Sample ID:	Q2868-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.1
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
FE055412.D	1	08/20/25	08/20/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	535	E	0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	246	E	1.22	2.08	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	64.3		40 - 140	129%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.7		40 - 140	101%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-07	Acq On:	20 Aug 2025 15:34
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE055412.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.321	6.956	3010685	25.78	300	ug/ml
Aliphatic C12-C16	6.957	10.409	43430456	346.814	200	ug/ml
Aliphatic C16-C21	10.410	13.790	469546888	3710	300	ug/ml
Aliphatic C21-C28	13.791	17.463	440557154	3660	400	ug/ml
Aliphatic C28-C40	17.464	22.490	406341500	3560	600	ug/ml
Aliphatic EPH	3.321	22.490	1362886683	11400		ug/ml
ortho-Terphenyl (SURR)	12.097	12.097	7245253	50.74		ug/ml
1-chlorooctadecane (SURR)	13.530	13.530	6915521	64.32		ug/ml
Aliphatic C9-C28	3.321	17.463	956545183	7740	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	5DL	SDG No.:	Q2868
Lab Sample ID:	Q2868-07DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.1
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
FE055424.D	10	08/20/25	08/21/25	PB169321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	523		9.44	41.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	274		12.2	20.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	7.59		40 - 140	152%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.98		40 - 140	100%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-07DL	Acq On:	21 Aug 2025 12:12
Client Sample ID:	SDL	Operator:	YP\AJ
Data file:	FE055424.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.954	427671	3.662	300	ug/ml
Aliphatic C12-C16	6.955	10.407	3086492	24.647	200	ug/ml
Aliphatic C16-C21	10.408	13.787	48119285	380.676	300	ug/ml
Aliphatic C21-C28	13.788	17.460	42391588	351.781	400	ug/ml
Aliphatic C28-C40	17.461	22.485	45184176	396.397	600	ug/ml
Aliphatic EPH	3.319	22.485	139209212	1160		ug/ml
ortho-Terphenyl (SURR)	12.084	12.084	711798	4.98		ug/ml
1-chlorooctadecane (SURR)	13.535	13.535	816333	7.59		ug/ml
Aliphatic C9-C28	3.319	17.460	94025036	760.766	1200	ug/ml

LAB CHRONICLE

OrderID:	Q2868	OrderDate:	8/14/2025 9:08:00 AM
Client:	Sciacca General Contractors, LLC	Project:	507 Franklin Ave
Contact:	Rosanne Scirica	Location:	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2868-03	1	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-03DL	1DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-04	2	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-04DL	2DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-05	3	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-05DL	3DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-06	4	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-06DL	4DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-07	5	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-07DL	5DL	Solid			08/12/25			08/13/25

LAB CHRONICLE

EPH_F2	NJEPH	08/20/25	08/21/25
--------	-------	----------	----------



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	08/12/25
Project:	507 Franklin Ave	Date Received:	08/13/25
Client Sample ID:	WASTE	SDG No.:	Q2868
Lab Sample ID:	Q2868-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	93.3
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
FG016391.D	50	08/25/25 09:24	08/26/25 10:38	PB169373

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	792000		20500	152000	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	0.00	*	37 - 130	0%	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:	Q2868	OrderDate:	8/14/2025 9:08:00 AM
Client:	Sciacca General Contractors, LLC	Project:	507 Franklin Ave
Contact:	Rosanne Scirica	Location:	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2868-01	WASTE	SOIL	TPH GC	8015D	08/12/25	08/25/25	08/26/25	08/13/25
Q2868-03	1	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-03DL	1DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-04	2	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-04DL	2DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-05	3	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-05DL	3DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-06	4	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
Q2868-06DL	4DL	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/21/25	08/13/25
Q2868-07	5	Solid	EPH_F2	NJEPH	08/12/25	08/20/25	08/20/25	08/13/25
			EPH_F2	NJEPH		08/20/25	08/21/25	