



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

Hit Summary Sheet
SW-846

SDG No.: Q2021
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:	05/12/25	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	05/13/25	
Client Sample ID:	VOC		SDG No.:	Q2021	
Lab Sample ID:	Q2021-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	85.9	
Sample Wt/Vol:	5.63	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
VY022325.D	1		05/19/25 17:43	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.20	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.20	ug/Kg
75-01-4	Vinyl Chloride	0.82	UQ	0.82	5.20	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.20	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.20	ug/Kg
67-64-1	Acetone	4.90	U	4.90	25.8	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.75	U	0.75	5.20	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.20	ug/Kg
75-09-2	Methylene Chloride	3.60	U	3.60	10.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.89	U	0.89	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.83	U	0.83	5.20	ug/Kg
110-82-7	Cyclohexane	0.82	U	0.82	5.20	ug/Kg
78-93-3	2-Butanone	6.80	U	6.80	25.8	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.78	U	0.78	5.20	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.20	ug/Kg
67-66-3	Chloroform	0.87	U	0.87	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	5.20	ug/Kg
108-87-2	Methylcyclohexane	0.94	U	0.94	5.20	ug/Kg
71-43-2	Benzene	0.82	U	0.82	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.82	U	0.82	5.20	ug/Kg
79-01-6	Trichloroethene	0.84	U	0.84	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.94	U	0.94	5.20	ug/Kg
75-27-4	Bromodichloromethane	0.81	U	0.81	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.70	U	3.70	25.8	ug/Kg
108-88-3	Toluene	0.81	U	0.81	5.20	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	05/12/25	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	05/13/25	
Client Sample ID:	VOC		SDG No.:	Q2021	
Lab Sample ID:	Q2021-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	85.9	
Sample Wt/Vol:	5.63	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
VY022325.D	1		05/19/25 17:43	VY051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.67	U	0.67	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.64	U	0.64	5.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.95	U	0.95	5.20	ug/Kg
591-78-6	2-Hexanone	3.80	U	3.80	25.8	ug/Kg
124-48-1	Dibromochloromethane	0.90	U	0.90	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.91	U	0.91	5.20	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.20	ug/Kg
108-90-7	Chlorobenzene	0.94	U	0.94	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.69	U	0.69	5.20	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.3	ug/Kg
95-47-6	o-Xylene	0.85	U	0.85	5.20	ug/Kg
100-42-5	Styrene	0.73	U	0.73	5.20	ug/Kg
75-25-2	Bromoform	0.89	U	0.89	5.20	ug/Kg
98-82-8	Isopropylbenzene	0.81	U	0.81	5.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	5.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.10	U	3.10	5.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.30	U	3.30	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.6		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	48.9		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.7		70 (38) - 130 (136)	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	7.707			
540-36-3	1,4-Difluorobenzene	335000	8.609			
3114-55-4	Chlorobenzene-d5	267000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	100000	13.346			

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	05/12/25	
Project:	38 Alexander Ave, Nutley NJ		Date Received:	05/13/25	
Client Sample ID:	VOC		SDG No.:	Q2021	
Lab Sample ID:	Q2021-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	85.9	
Sample Wt/Vol:	5.63	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
VY022325.D	1		05/19/25 17:43	VY051925

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:	Q2021	OrderDate:	5/13/2025 12:38:10 PM
Client:	Sciacca General Contractors, LLC	Project:	38 Alexander Ave, Nutley NJ
Contact:	Rosanne Scirica	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2021-02	VOC	SOIL	VOC-TCLVOA-10	8260D	05/12/25		05/19/25	05/13/25



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	1	SDG No.:	Q2021
Lab Sample ID:	Q2021-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
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
05/15/25 13:40	05/16/25 16:24	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1	1.04	4.59	mg/kg	FG015853.D
Total EPH	Total EPH	15.4			1.04	4.59	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:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	1	SDG No.:	Q2021
Lab Sample ID:	Q2021-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
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
FG015853.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.0		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.9		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.1		40 - 140	76%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-03	Acq On:	16 May 2025 16:24
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FG015853.D	Misc:	
Instrument:	FID_G	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	853981	7.523	300	ug/ml
Aliphatic C12-C16	6.776	10.226	4961952	42.51	200	ug/ml
Aliphatic C16-C21	10.227	13.601	6847246	56.033	300	ug/ml
Aliphatic C21-C28	13.602	17.272	11496642	95.69	400	ug/ml
Aliphatic C28-C40	17.273	22.179	31798831	287.946	600	ug/ml
Aliphatic EPH	3.136	22.179	55958652	489.701		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5679734	38.15		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4707869	40.87		ug/ml
Aliphatic C9-C28	3.136	17.272	24159821	201.756	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	2	SDG No.:	Q2021
Lab Sample ID:	Q2021-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
05/15/25 13:40	05/16/25 16:54	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.91		1	1.07	4.69	mg/kg	FG015854.D
Total EPH	Total EPH	8.91			1.07	4.69	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:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	2	SDG No.:	Q2021
Lab Sample ID:	Q2021-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FG015854.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.91		1.07	4.69	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.6		1.39	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.8		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.9		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-04	Acq On:	16 May 2025 16:54
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FG015854.D	Misc:	
Instrument:	FID_G	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	221663	1.953	300	ug/ml
Aliphatic C12-C16	6.776	10.226	2233000	19.13	200	ug/ml
Aliphatic C16-C21	10.227	13.601	5378930	44.018	300	ug/ml
Aliphatic C21-C28	13.602	17.272	6097076	50.748	400	ug/ml
Aliphatic C28-C40	17.273	22.179	16300069	147.601	600	ug/ml
Aliphatic EPH	3.136	22.179	30230738	263.449		ug/ml
ortho-Terphenyl (SURR)	11.890	11.890	5197779	34.91		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	4238522	36.79		ug/ml
Aliphatic C9-C28	3.136	17.272	13930669	115.849	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	3	SDG No.:	Q2021
Lab Sample ID:	Q2021-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 13:40	05/16/25 17:23	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.3		1	1.02	4.49	mg/kg	FG015855.D
Total EPH	Total EPH	11.3			1.02	4.49	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:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	3	SDG No.:	Q2021
Lab Sample ID:	Q2021-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.7
Sample Wt/Vol:	30.07 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
FG015855.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	11.3		1.02	4.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.7		1.33	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.4		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.9		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-05	Acq On:	16 May 2025 17:23
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FG015855.D	Misc:	
Instrument:	FID_G	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	233049	2.053	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1104772	9.465	200	ug/ml
Aliphatic C16-C21	10.227	13.601	13053082	106.818	300	ug/ml
Aliphatic C21-C28	13.602	17.272	4105745	34.173	400	ug/ml
Aliphatic C28-C40	17.273	22.179	18708810	169.413	600	ug/ml
Aliphatic EPH	3.136	22.179	37205458	321.922		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5200096	34.93		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	4197152	36.43		ug/ml
Aliphatic C9-C28	3.136	17.272	18496648	152.509	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	4	SDG No.:	Q2021
Lab Sample ID:	Q2021-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
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
05/15/25 13:40	05/16/25 17:53	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.69		1	1.03	4.53	mg/kg	FG015856.D
Total EPH	Total EPH	6.69			1.03	4.53	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:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	4	SDG No.:	Q2021
Lab Sample ID:	Q2021-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
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
FG015856.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.69		1.03	4.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.0		1.34	2.27	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.5		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.1		40 - 140	74%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-06	Acq On:	16 May 2025 17:53
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FG015856.D	Misc:	
Instrument:	FID_G	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	237011	2.088	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1780235	15.252	200	ug/ml
Aliphatic C16-C21	10.227	13.601	4975584	40.717	300	ug/ml
Aliphatic C21-C28	13.602	17.272	3914267	32.58	400	ug/ml
Aliphatic C28-C40	17.273	22.179	14648854	132.649	600	ug/ml
Aliphatic EPH	3.136	22.179	25555951	223.285		ug/ml
ortho-Terphenyl (SURR)	11.890	11.890	5522492	37.09		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4435568	38.5		ug/ml
Aliphatic C9-C28	3.136	17.272	10907097	90.637	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	5	SDG No.:	Q2021
Lab Sample ID:	Q2021-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
05/15/25 13:40	05/16/25 18:22	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.01		1	1.05	4.61	mg/kg	FG015857.D
Total EPH	Total EPH	8.01			1.05	4.61	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:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	5	SDG No.:	Q2021
Lab Sample ID:	Q2021-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
FG015857.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.01		1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.4		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.5		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.4		40 - 140	75%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-07	Acq On:	16 May 2025 18:22
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FG015857.D	Misc:	
Instrument:	FID_G	ALS Vial:	35
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	260761	2.297	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1330130	11.395	200	ug/ml
Aliphatic C16-C21	10.227	13.601	4965591	40.635	300	ug/ml
Aliphatic C21-C28	13.602	17.272	6012665	50.045	400	ug/ml
Aliphatic C28-C40	17.273	22.179	20667644	187.15	600	ug/ml
Aliphatic EPH	3.136	22.179	33236791	291.523		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5563170	37.36		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4439184	38.53		ug/ml
Aliphatic C9-C28	3.136	17.272	12569147	104.372	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	6	SDG No.:	Q2021
Lab Sample ID:	Q2021-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.6
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
05/15/25 13:40	05/16/25 18:52	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1	1.04	4.56	mg/kg	FG015858.D
Total EPH	Total EPH	13.4			1.04	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:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	6	SDG No.:	Q2021
Lab Sample ID:	Q2021-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.6
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
FG015858.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.35		1.34	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.9		40 - 140	76%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-08	Acq On:	16 May 2025 18:52
Client Sample ID:	6	Operator:	YP\AJ
Data file:	FG015858.D	Misc:	
Instrument:	FID_G	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	264176	2.327	300	ug/ml
Aliphatic C12-C16	6.776	10.226	2833405	24.274	200	ug/ml
Aliphatic C16-C21	10.227	13.601	13373426	109.439	300	ug/ml
Aliphatic C21-C28	13.602	17.272	4802835	39.975	400	ug/ml
Aliphatic C28-C40	17.273	22.179	10686008	96.764	600	ug/ml
Aliphatic EPH	3.136	22.179	31959850	272.78		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5643536	37.9		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4456676	38.69		ug/ml
Aliphatic C9-C28	3.136	17.272	21273842	176.015	1200	ug/ml

LAB CHRONICLE

OrderID: Q2021	OrderDate: 5/13/2025 12:38:10 PM
Client: Sciacca General Contractors, LLC	Project: 38 Alexander Ave, Nutley NJ
Contact: Rosanne Scirica	Location: L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2021-01	WASTE	SOIL	TPH GC	8015D	05/12/25	05/16/25	05/16/25	05/13/25
Q2021-03	1	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-04	2	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-05	3	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-06	4	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-07	5	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-08	6	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	WASTE	SDG No.:	Q2021
Lab Sample ID:	Q2021-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	88.5
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
FF015856.D	1	05/16/25 08:50	05/16/25 13:28	PB168042

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	29500		433	3200	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	11.3		37 - 130	57%	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:	Q2021	OrderDate:	5/13/2025 12:38:10 PM
Client:	Sciacca General Contractors, LLC	Project:	38 Alexander Ave, Nutley NJ
Contact:	Rosanne Scirica	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2021-01	WASTE	SOIL	TPH GC	8015D	05/12/25	05/16/25	05/16/25	05/13/25
Q2021-03	1	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-04	2	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-05	3	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-06	4	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-07	5	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-08	6	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25