



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

SDG No.: Q3012
Client: Sciacca General Contractors, LLC

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

Total Voc :
Total Concentration:

A
B
C
D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	09/03/25	
Project:	29-35 Frelinghuysen Ave, Newark		Date Received:	09/03/25	
Client Sample ID:	VOC		SDG No.:	Q3012	
Lab Sample ID:	Q3012-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	95.6	
Sample Wt/Vol:	5	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
VY023284.D	1	09/04/25 13:09	VY090425

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	0.83	U	0.83	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	5.00	U	5.00	26.2	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.76	U	0.76	5.20	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.20	ug/Kg
75-09-2	Methylene Chloride	3.70	U	3.70	10.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.90	U	0.90	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.84	U	0.84	5.20	ug/Kg
110-82-7	Cyclohexane	0.83	U	0.83	5.20	ug/Kg
78-93-3	2-Butanone	6.80	U	6.80	26.2	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	0.88	U	0.88	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.97	U	0.97	5.20	ug/Kg
108-87-2	Methylcyclohexane	0.95	U	0.95	5.20	ug/Kg
71-43-2	Benzene	0.83	U	0.83	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.83	U	0.83	5.20	ug/Kg
79-01-6	Trichloroethene	0.85	U	0.85	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.95	U	0.95	5.20	ug/Kg
75-27-4	Bromodichloromethane	0.82	U	0.82	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.70	U	3.70	26.2	ug/Kg
108-88-3	Toluene	0.82	U	0.82	5.20	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	09/03/25	
Project:	29-35 Frelinghuysen Ave, Newark		Date Received:	09/03/25	
Client Sample ID:	VOC		SDG No.:	Q3012	
Lab Sample ID:	Q3012-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	95.6	
Sample Wt/Vol:	5	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
VY023284.D	1	09/04/25 13:09	VY090425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.68	U	0.68	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.65	U	0.65	5.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	5.20	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	26.2	ug/Kg
124-48-1	Dibromochloromethane	0.91	U	0.91	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.92	U	0.92	5.20	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.20	ug/Kg
108-90-7	Chlorobenzene	0.95	U	0.95	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.70	U	0.70	5.20	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.5	ug/Kg
95-47-6	o-Xylene	0.86	U	0.86	5.20	ug/Kg
100-42-5	Styrene	0.74	U	0.74	5.20	ug/Kg
75-25-2	Bromoform	0.90	U	0.90	5.20	ug/Kg
98-82-8	Isopropylbenzene	0.82	U	0.82	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	59.3		63 - 155	119%	SPK: 50
1868-53-7	Dibromofluoromethane	58.0		70 - 134	116%	SPK: 50
2037-26-5	Toluene-d8	51.1		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.1		17 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	342000	7.713			
540-36-3	1,4-Difluorobenzene	619000	8.615			
3114-55-4	Chlorobenzene-d5	570000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	227000	13.346			

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	09/03/25	
Project:	29-35 Frelinghuysen Ave, Newark		Date Received:	09/03/25	
Client Sample ID:	VOC		SDG No.:	Q3012	
Lab Sample ID:	Q3012-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	95.6	
Sample Wt/Vol:	5	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
VY023284.D	1	09/04/25 13:09	VY090425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



LAB CHRONICLE

OrderID:	Q3012	OrderDate:	9/3/2025 3:58:00 PM
Client:	Sciacca General Contractors, LLC	Project:	29-35 Frelinghuysen Ave, Newark
Contact:	Rosanne Scirica	Location:	J42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3012-02	VOC	SOIL	VOC-TCLVOA-10	8260D	09/03/25		09/04/25	09/03/25



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	1	SDG No.:	Q3012
Lab Sample ID:	Q3012-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.3
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
09/04/25 09:05	09/04/25 19:04	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.14	J	1	0.96	4.24	mg/kg	FE055671.D
Total EPH	Total EPH	3.14	J		0.96	4.24	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:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	1	SDG No.:	Q3012
Lab Sample ID:	Q3012-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.3
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
FE055671.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.14	J	0.96	4.24	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.64		1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.2		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.6		40 - 140	57%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-03	Acq On:	04 Sep 2025 19:04
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE055671.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	3.312	6.946	371346	2.892	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1156946	8.564	200	ug/ml
Aliphatic C16-C21	10.399	13.777	1949208	13.516	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2804495	19.58	400	ug/ml
Aliphatic C28-C40	17.449	22.463	10998670	79.863	600	ug/ml
Aliphatic EPH	3.312	22.463	17280665	124.414		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	4701325	28.62		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	3649404	29.18		ug/ml
Aliphatic C9-C28	3.312	17.448	6281995	44.552	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	2	SDG No.:	Q3012
Lab Sample ID:	Q3012-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
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
09/04/25 09:05	09/04/25 19:34	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.13	J	1	0.97	4.28	mg/kg	FE055672.D
Total EPH	Total EPH	3.13	J		0.97	4.28	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:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	2	SDG No.:	Q3012
Lab Sample ID:	Q3012-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
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
FE055672.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.13	J	0.97	4.28	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.30		1.26	2.14	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.2		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.1		40 - 140	58%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-04	Acq On:	04 Sep 2025 19:34
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE055672.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	3.312	6.946	794192	6.185	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1150039	8.513	200	ug/ml
Aliphatic C16-C21	10.399	13.777	1826491	12.665	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2368744	16.537	400	ug/ml
Aliphatic C28-C40	17.449	22.463	10244219	74.385	600	ug/ml
Aliphatic EPH	3.312	22.463	16383685	118.285		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	4782977	29.11		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	3652543	29.21		ug/ml
Aliphatic C9-C28	3.312	17.448	6139466	43.9	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	3	SDG No.:	Q3012
Lab Sample ID:	Q3012-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
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
09/04/25 09:05	09/04/25 20:05	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.08	J	1	0.97	4.25	mg/kg	FE055673.D
Total EPH	Total EPH	3.08	J		0.97	4.25	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	3	SDG No.:	Q3012
Lab Sample ID:	Q3012-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
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
FE055673.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.08	J	0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.58		1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.9		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.6		40 - 140	55%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-05	Acq On:	04 Sep 2025 20:05
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE055673.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	813583	6.336	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1142816	8.459	200	ug/ml
Aliphatic C16-C21	10.399	13.777	1831993	12.703	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2289311	15.983	400	ug/ml
Aliphatic C28-C40	17.449	22.463	8907035	64.675	600	ug/ml
Aliphatic EPH	3.312	22.463	14984738	108.156		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	4538877	27.63		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	3489741	27.91		ug/ml
Aliphatic C9-C28	3.312	17.448	6077703	43.481	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	4	SDG No.:	Q3012
Lab Sample ID:	Q3012-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.7
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 09:05	09/04/25 20:35	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.94		1	0.96	4.21	mg/kg	FE055674.D
Total EPH	Total EPH	4.94			0.96	4.21	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	4	SDG No.:	Q3012
Lab Sample ID:	Q3012-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.7
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
FE055674.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.94		0.96	4.21	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.83		1.24	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.4		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.8		40 - 140	54%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-06	Acq On:	04 Sep 2025 20:35
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE055674.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	343015	2.671	300	ug/ml
Aliphatic C12-C16	6.947	10.398	952004	7.047	200	ug/ml
Aliphatic C16-C21	10.399	13.777	6163158	42.735	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2565891	17.914	400	ug/ml
Aliphatic C28-C40	17.449	22.463	9473676	68.79	600	ug/ml
Aliphatic EPH	3.312	22.463	19497744	139.157		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	4410059	26.84		ug/ml
1-chlorooctadecane (SURR)	13.509	13.509	3431139	27.44		ug/ml
Aliphatic C9-C28	3.312	17.448	10024068	70.367	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	5	SDG No.:	Q3012
Lab Sample ID:	Q3012-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 09:05	09/04/25 21:06	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.54	J	1	0.99	4.35	mg/kg	FE055675.D
Total EPH	Total EPH	3.54	J		0.99	4.35	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:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	5	SDG No.:	Q3012
Lab Sample ID:	Q3012-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055675.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.54	J	0.99	4.35	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.02		1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.2		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.1		40 - 140	50%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-07	Acq On:	04 Sep 2025 21:06
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE055675.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	532011	4.143	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1214855	8.993	200	ug/ml
Aliphatic C16-C21	10.399	13.777	2099058	14.555	300	ug/ml
Aliphatic C21-C28	13.778	17.448	3039525	21.22	400	ug/ml
Aliphatic C28-C40	17.449	22.463	11454764	83.174	600	ug/ml
Aliphatic EPH	3.312	22.463	18340213	132.086		ug/ml
ortho-Terphenyl (SURR)	12.072	12.072	4125248	25.11		ug/ml
1-chlorooctadecane (SURR)	13.508	13.508	3147487	25.17		ug/ml
Aliphatic C9-C28	3.312	17.448	6885449	48.911	1200	ug/ml

LAB CHRONICLE

OrderID:	Q3012	OrderDate:	9/3/2025 3:58:00 PM
Client:	Sciacca General Contractors, LLC	Project:	29-35 Frelinghuysen Ave, Newark
Contact:	Rosanne Scirica	Location:	J42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3012-03	1	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-04	2	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-05	3	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-06	4	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-07	5	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	WASTE	SDG No.:	Q3012
Lab Sample ID:	Q3012-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	94.4
Sample Wt/Vol:	30.02	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
FG016543.D	1	09/04/25 08:45	09/04/25 12:48	PB169544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	28000		407	3000	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	8.72		37 - 130	44%	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:	Q3012	OrderDate:	9/3/2025 3:58:00 PM
Client:	Sciacca General Contractors, LLC	Project:	29-35 Frelinghuysen Ave, Newark
Contact:	Rosanne Scirica	Location:	J42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3012-01	WASTE	SOIL	TPH GC	8015D	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-03	1	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-04	2	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-05	3	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-06	4	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-07	5	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25