



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

CASE NARRATIVE

Sciacca General Contractors, LLC

Project Name: 186 Arlington Blvd, North Arlington

Project # N/A

Order ID # Q3661

Test Name: VOC-TCLVOA-10,EPH_F2,TPH GC

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 11/17/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,EPH_F2,TPH GC. This data package contains results for VOC-TCLVOA-10(8260D),EPH_F2(NJEPH),TPH GC(8015D).

C. Analytical Techniques:

VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

TPH GC : The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis of TPH GC was based on method 8015D and extraction was done based on method 3541.

EPH_F2 : The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis of EPH_F2s was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except following EPH_F2 :

1 [1-chlorooctadecane (SURR)30% ,ortho-Terphenyl (SURR)37%],
1RE [1-chlorooctadecane (SURR)31%, ortho-Terphenyl (SURR)37%],
2 [1-chlorooctadecane (SURR)37%], 2RE [1-chlorooctadecane (SURR)37%],
3 [1-chlorooctadecane (SURR)31, ortho-Terphenyl (SURR)39%],
3RE [1-chlorooctadecane (SURR)31% ,ortho-Terphenyl (SURR)38%],
4 [1-chlorooctadecane (SURR)35%], 4RE [1-chlorooctadecane (SURR)35%] the failure samples in surrogates were reanalyzed to confirm the failure as per method and reported in the data.



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The Internal Standards Areas were met for all analysis except following VOC-TCLVOA-10 : VOC, VOCRE. Affected sample reanalyzed to confirm results, Original and reanalysis both are reported.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following EPH_F2 : The MS {Q3661-07MS} with File ID: FE057032.D recoveries met the requirements for all compounds except for [n-Decane (C10)- 168%] due to matrix interference.

The MSD recoveries met the requirements for all compounds except following EPH_F2 : The MSD {Q3661-07MSD} with File ID: FE057033.D recoveries met the requirements for all compounds except for [n-Decane (C10)- 168%] due to matrix interference.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____



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