CASE NARRATIVE

Sciacca General Contractors, LLC
Project Name: 124 Main St. Bloomingdale
Project # N/A
Chemtech Project # P4810
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 11/11/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH_F2, TPH GC and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624Sil MS, which is 30 meters, 0.25 mm id, 1.4 um df, Restek Cat. #13868. The Trap was supplied by Supelco, VOCARB 3000, ATOMAX XYZ Concentrator.The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for VOC[1,2-Dichloroethane-d4-56%, 4-Bromofluorobenzene-38%], VY1113SBS02 [4-Bromofluorobenzene - 145%]these compounds did not meet the NJDKQP criteria but met the in-house criteria .

The Internal Standards Areas met the acceptable requirements except for VOC, VIAL A analyzed but Internal Standard failing as a corrective action VIAL B analyzed but not purged therefore VIAL A reported as final analysis.

The Retention Times were acceptable for all samples.

The RPD for {VY1113SBSD02} with File ID: VY020295.D met criteria except for 1,2,4-Trichlorobenzene[34%], 1,2-Dichloroethane[32%],Bromoform[31%], Carbon Tetrachloride[35%], Chloroform[39%], cis-1,3-Dichloropropene[34%],these compounds did not meet the NJDKQP criteria and in-house criteria due to difference in results of BS-BSD.

The Blank Spike for {VY1113SBS02} with File ID: VY020294.D met requirements for all samples except for 1,1,2-Trichloroethane[150%], 1,2-Dichloroethane[143%], 1,2-Dichloropropane[134%], Benzene[133%], Bromodichloromethane[133%], Bromoform[162%], Carbon Tetrachloride[140%], cis-1,3-Dichloropropene[137%],

Dibromochloromethane[136%], m/p-Xylenes[139%], o-Xylene[139%], Styrene[140%] and Tetrachloroethene[146%],these compounds did not meet the NJDKQP criteria and in-house criteria but no positive hit in associated sample therefore no corrective action taken.

The Blank Spike Duplicate for {VY1113SBSD02} with File ID: VY020295.D met requirements for all samples except for 1,1,2-Trichloroethane[134%], 1,1-Dichloroethane[134%], 1,2,4-Trichlorobenzene[142%], Chloroform[149%] and Tetrachloroethene[161%],these compounds did not meet the NJDKQP criteria and in-house criteria but no positive hit in associated sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .

The Continuous Calibration File ID VY020276.D met the requirements except for Bromomethane failing marginally low and 1,2-Dichlorobenzene,Acetone failing high but no positive hit in associated sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
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.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

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_____