

CASE NARRATIVE

G Environmental

Project Name: Ave L

Project # N/A

Chemtech Project # Q1574

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 03/14/2025.

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B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS 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 30m, 0.25mm, 1.4 um, Cat. #13868. 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

WC1 [4-Bromofluorobenzene - 60%],

WC1RE [4-Bromofluorobenzene - 66%] this compound did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas met the acceptable requirements except for WC1, WC1RE sample was reanalyzed to confirm the failure and reported.

The Retention Times were acceptable for all samples.

The RPD for {VY0317SBSD01} with File ID: VY021546.D met criteria except for 2-Butanone[33%], Acetone[34%], and Trichlorofluoromethane[31%] due to difference in results of BS and BSD.

The Blank Spike for {VY0317SBS01} with File ID: VY021545.D met requirements for all samples except for Acetone[170%] this compound did not meet the NJDKQP criteria



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and in-house criteria, is failing high and associate sample having hit of acetone but below CRQL therefore no corrective action taken.

The Blank Spike Duplicate met requirements for all samples.

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:

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

The Sample #WC1RE have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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 <20% 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 > 20% 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_____