

CASE NARRATIVE

ENTACT

Project Name: 540 Degraw St, Brooklyn, NY - E9309

Project # N/A

Chemtech Project # P5371

Test Name: SPLP VOA

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 12/20/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SPLP VOA and SPLP ZHE Ext. This data package contains results for SPLP VOA.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis of SPLP VOA 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

SPLP-C10-2-M [Dibromofluoromethane - 66%],

SPLP-C10-3-M [Dibromofluoromethane - 65%],

SPLP-C11-1-M [Dibromofluoromethane - 61%],

SPLP-C11-2-M [Dibromofluoromethane - 63%],

SPLP-C11-3-M [Dibromofluoromethane - 64%],

SPLP-C11-3-MRE [Dibromofluoromethane - 65%],

SPLP-C12-1-M [Dibromofluoromethane - 63%],

SPLP-C12-1-MRE [Dibromofluoromethane - 60%],

SPLP-C12-2-M [Dibromofluoromethane - 62%],

SPLP-C12-2-MRE [Dibromofluoromethane - 61%],

SPLP-C12-3-M [Dibromofluoromethane - 64%] and

SPLP-C12-3-MRE [Dibromofluoromethane - 65%], these compounds did not meet the NJDKQP criteria but met the in-house criteria .

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

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



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

The %RSD is greater than 20% in the Initial Calibration method (82N121824W.M) for Chloroethane this compound is passing on Linear Regression.

The Continuous Calibration File ID VN085286.D met the requirements except for 2-Butanone failing low therefore all associated samples were reanalyzed to confirm the failure and both run reported.

The Continuous Calibration File ID VN085309.D met the requirements except for 2-Butanone and Acetone are failing low but all associated samples are analyzed for confirmation of CCAL failure of first analysis therefore both run reported.

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.

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_____