

## **CASE NARRATIVE**

### **ENTACT**

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

**Project # N/A**

**Chemtech Project # P5001**

**Test Name: SPLP VOA**

### **A. Number of Samples and Date of Receipt:**

10 Solid samples were received on 11/25/2024.

### **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\_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI 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-C1-1 [Dibromofluoromethane - 70%] this compound meet the NJDKQP criteria but did not meet the in-house criteria, the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data while,

SPLP-C1-1RE [Dibromofluoromethane - 66%], SPLP-C1-2 [Dibromofluoromethane - 68%], SPLP-C1-2RE [Dibromofluoromethane - 67%], SPLP-C1-3 [Dibromofluoromethane - 63%], SPLP-C1-3RE [Dibromofluoromethane - 63%], SPLP-C2-1 [Dibromofluoromethane - 53%], SPLP-C2-1RE [Dibromofluoromethane - 58%], SPLP-C3-1 [Dibromofluoromethane - 60%], SPLP-C3-1RE [Dibromofluoromethane - 61%], SPLP-C4-1 [Dibromofluoromethane - 66%] and SPLP-C4-1RE [Dibromofluoromethane - 69%] these compounds did not meet the NJDKQP criteria and in-house criteria, the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data while,

SPLP-C2-2 [Dibromofluoromethane - 60%], SPLP-C2-3 [Dibromofluoromethane - 62%], SPLP-C3-2 [Dibromofluoromethane - 59%], SPLP-C3-3 [Dibromofluoromethane - 60%], these compounds did not meet the NJDKQP criteria and in-house criteria, due to high concentration samples required dilution therefore samples reanalyzed with dilution and reported.

The Internal Standards Areas met the acceptable requirements.  
The Retention Times were acceptable for all samples.

The RPD for {VX1127WBSD01} with File ID: VX044041.D met criteria except for 1,1,2-Trichloroethane[21%], 2-Butanone[23%], 2-Hexanone[21%], Acetone[33%], Bromochloromethane[30%], Bromoform[21%], Chloromethane[21%], Dibromochloromethane[23%], Dichlorodifluoromethane[23%] and Methylcyclohexane[22%] these compounds did not meet the NJDKQP criteria and in-house criteria due to difference in results of BS-BSD.

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.

The %RSD is greater than 20% in the Initial Calibration method (82X1121W.M) for Bromoform this compound is passing on Quadratic Regression.  
The Continuous Calibration met the requirements .  
The Tuning criteria met requirements.

Samples SPLP-C2-2, SPLP-C2-3, SPLP-C3-2 and SPLP-C3-3 were diluted due to high concentrations.

**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 <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.

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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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