

## **CASE NARRATIVE**

**Tully Environmental, Inc**

**Project Name: Transfer Station-SPDES**

**Project # N/A**

**Order ID # Q2669**

**Test Name: VOC-BTEX**

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

2 Water samples were received on 07/22/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: VOC-BTEX. This data package contains results for VOC-BTEX.

### **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 VOC-BTEX was based on method 624.1.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for

001 WILLETS PT BLVD (JUNE) [1,2-Dichloroethane-d4 - 111%],

001 WILLETS PT BLVD (JUNE)DL [1,2-Dichloroethane-d4 - 119%],

002 35th Ave (JUNE) [1,2-Dichloroethane-d4 - 114%],

002 35th Ave (JUNE)DL [1,2-Dichloroethane-d4 - 115%] Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported while for

VN0722WBS01 [1,2-Dichloroethane-d4 - 111%] failing marginally high therefore no corrective action taken.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike Duplicate for {VN0722WBSD01} with File ID: VN087391.D met requirements for all compounds except for m/p-Xylenes[80%], o-Xylene[77%] failing biased low, but passing in Blank spike 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 met the requirements.

The Tuning criteria met requirements.



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Samples 001 WILLETS PT BLVD (JUNE), 002 35th Ave (JUNE) were diluted due to high concentrations.

**E. Additional Comments:**

The temperature of the samples at the time of receipt was 17.5°C, Lab notified this issue to the client. See the communication in shipping Document section.

“As per method, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD were not performed for this project. However, Lab has performed LCS/LCSD instead.”

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 <35% 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 > 35% 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\_\_\_\_\_