

## **CASE NARRATIVE**

### **G Environmental**

**Project Name: Willow**

**Project # N/A**

**Order ID # Q3426**

**Test Name: VOCMS Group1**

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

4 Water samples were received on 10/22/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

### **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 VOCMS Group1 was based on method 8260D.

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

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for TWP2 [ 4-Bromofluorobenzene – 124%] Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

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 for {VN1027WBS01} with File ID: VN088105.D met requirements for all compounds except for 1,1,1-Trichloroethane[109%], 1,2-Dibromoethane[111%], 1,2-Dichloroethane[122%], 4-Methyl-2-Pentanone[120%], Bromochloromethane[125%], Bromodichloromethane[114%], Chloroform[114%], cis-1,3-Dichloropropene[112%] and Methylene Chloride[118%] are failing high but no positive hit in associate sample therefore no corrective action taken..

The Blank Spike Duplicate for {VN1027WBSD01} with File ID: VN088106.D met requirements for all compounds except for 1,2-Dibromo-3-Chloropropane[119%], 1,2-Dibromoethane[114%], 1,2-Dichloroethane[123%], 1,2-Dichloropropane[114%], 2-Hexanone[120%], 4-Methyl-2-Pentanone[120%], Bromochloromethane[126%], Bromodichloromethane[116%], Bromoform[114%], cis-1,3-Dichloropropene[112%],

Methylene Chloride[117%] and t-1,3-Dichloropropene[113%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike for {VN1028WBS02} with File ID: VN088131.D met requirements for all compounds except for 1,2-Dichloroethane[119%], Bromodichloromethane[112%], Ethyl Benzene[110%] and o-Xylene[111%] are failing high and associate sample having hit of Ethyl Benzene and o-Xylene but only dilution sample analyzed under this and dilution not require for these compound, 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 VN088127.D met the requirements except for 1,2-Dichloroethane 2-Hexanone, 4-Methyl-2-Pentanone, Methyl Acetate, Methyl tert-butyl Ether and Tert butyl alcohol are failing high but no positive hit in associate sample while 2-Butanone is failing high and associate sample having hit of 2-Butanone but only dilution sample analyzed under this and dilution not require for this compound, therefore no corrective action taken.

The Tuning criteria met requirements.

Samples TWP3, MW2 were analyzed at straight dilution after checking past history of these samples and also samples having very strong odor.

**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.

**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\_\_\_\_\_