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CASE NARRATIVE

Ardmore Chemical

Project Name: PVSC Monthly 2025

Project # N/A

Order ID # Q2585

Test Name: VOC-PP

A. Number of Samples and Date of Receipt:

1 Water sample was received on 07/11/2025.

B. Parameters

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

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-PP 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.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD for {VN0718WBSD01} with File ID: VN087361.D met criteria except for Bromomethane[42%] due to difference in results of BS and BSD.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

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.

Samples EFF-WW was analyzed at straight 5x dilution as per previous history of the sample.

E. Additional Comments:

“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.”



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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.

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_____