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CASE NARRATIVE

Ardmore Chemical

Project Name: PVSC Monthly 2025

Project # N/A

Order ID # Q3098

Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:

3 Water samples were received on 09/12/2025.

B. Parameters

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

C. Analytical Techniques:

The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group1 was based on method 625.1 and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for EFF-WW [2-Fluorophenol - 46%, Phenol-d6 - 28%], EFF-WWMS [2-Fluorophenol - 46%, Phenol-d6 - 29%], EFF-WWMSD [2-Fluorophenol - 47%, Phenol-d6 - 29%], due to concentrated matrix interference therefore no corrective action was taken.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS {Q3098-05MS} with File ID: BP025802.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[0%] and Benzidine[0%] due to matrix interference.

The MSD {Q3098-06MSD} with File ID: BP025803.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[0%], 4-Nitrophenol[0%] and Benzidine[0%] due to matrix interference.

The RPD for {Q3098-06MSD} with File ID: BP025803.D met criteria except for 4-Nitrophenol[200%] due to difference in MS and MSD concentrations.

The Blank Spike met requirements for all compounds.



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The Blank analysis did not indicate the presence of lab contamination. The Initial Calibration met the requirements.

The Continuous Calibration File ID BP025792.D met the requirements except for Benzidine . But associated samples have not positive hit for this compound therefore no corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:

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_____