CASE NARRATIVE

Ardmore Chemical
Project Name: PVSC Monthly 2024
Project # N/A
Chemtech Project # P5192
Test Name: VOC-PP

A. Number of Samples and Date of Receipt:
2 Water samples were received on 12/06/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested:
BOD5, Cyanide, Mercury, Metals Group2, Metals ICP-Group, SVOCMS Group1, TSS
and 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 met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
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 Initial Calibration met the requirements .
The Tuning criteria met requirements.

Samples EFF-WASTE WATER was diluted due to foamy nature of the sample.

E. Additional Comments:
"As per method 624.1, 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.

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_____