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CASE NARRATIVE

G Environmental

Project Name: ANN

Project # N/A

Order ID # Q3274

Test Name: VOC-TCLVOA-10,SVOCMS Group1

A. Number of Samples and Date of Receipt:

2 Water samples were received on 10/02/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,SVOCMS Group1. This data package contains results for VOC-TCLVOA-10(8260D),SVOCMS Group1(8270E).

C. Analytical Techniques:

VOC-TCLVOA-10 : 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-TCLVOA-10 was based on method 8260D.

SVOCMS Group1 : The samples were analyzed on instrument BNA_G using GC Column ZB-Semi Volatiles 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 8270E 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.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD were met for all analysis except following

VOC-TCLVOA-10 : The RPD for {VN1003WBSD01} with File ID: VN088025.D met criteria except for 1,1,2-Trichlorotrifluoroethane[17%], Bromomethane[40%] due to difference in results of BS and BSD.

SVOCMS Group1 : The RPD for {PB169973BSD} with File ID: BG064490.D met criteria except for 4-Chloroaniline[21%], due to difference in results of BS and BSD.



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The Blank Spike met requirements for all compounds except following SVOCMS Group1 : The Blank Spike for {PB169973BS} with File ID: BG064489.D met requirements for all compounds except for 3,3-Dichlorobenzidine[61%], 3-Nitroaniline[60%] and 4-Chloroaniline[38%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank Spike Duplicate met requirements for all compounds except following SVOCMS Group1 : The Blank Spike Duplicate for {PB169973BSD} with File ID: BG064490.D met requirements for all compounds except for 3,3-Dichlorobenzidine[55%], 3-Nitroaniline[52%] and 4-Chloroaniline[30%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements except following

VOC-TCLVOA-10 : The Continuous Calibration File ID VN088013.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

VOC-TCLVOA-10 : Samples MW4, MW5 were diluted due to high concentrations.

E. Additional Comments:

SEMI-VOA : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

VOC-TCLVOA-10 : 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.

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_____