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CASE NARRATIVE

Day Environmental, Inc.

Project Name: Andrews St Site - NYSDEC E828144

Project # N/A

Order ID # Q2816

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

9 Water samples were received on 08/11/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

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-TCLVOA-10 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 1055-MW-01(23)DL [1,2-Dichloroethane-d4 - 129%] due to high concentration of compound, 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 MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD for {Q2816-04MSD} with File ID: VN087522.D met criteria except for Bromomethane[23%] due to difference in results of MS and MSD.

The Blank Spike for {VN0813WBS01} with File ID: VN087528.D met requirements for all compounds except for Bromochloromethane[133%], Dichlorodifluoromethane[117%] and Methyl tert-butyl Ether[115%] are failing high but no positive hit in associate sample therefore no corrective action taken.

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

The %RSD is greater than 20% in the Initial Calibration method (82N071625W.M) for Methylene chloride passing on Linear regression.



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The Continuous Calibration File ID VN087502.D met the requirements except for Dichlorodifluoromethane, Isopropylbenzene and Methyl tert-butyl Ether are failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VN087525.D met the requirements except for Dichlorodifluoromethane is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

Samples 1055-MW-01(23), 1057-MW-03A(17) were diluted due to high concentrations.

E. Additional Comments:

The Sample #1055-MW-01(23), 1056-MW-02(23.8), 1058-MW-11(15) and 1059-MW-17A(15.5) have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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 <20% 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 > 20% 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_____