

CASE NARRATIVE

G Environmental

Project Name: Lexington

Project # N/A

Order ID # Q3784

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/04/2025.

B. Parameters

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

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 performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis of VOCMS Group1 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 SB3A [4-Bromofluorobenzene - 135%], VN1209MBL01 [1,2-Dichloroethane-d4 - 135%] these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD for {VW1208SBSD01} with File ID: VW032589.D met criteria except for Bromochloromethane[34%] this compound did not meet the NJDKQP criteria and in-house criteria, due to difference in results of BS and BSD.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate for {VW1208SBSD01} with File ID: VW032589.D met requirements for all compounds except for Bromochloromethane[145%] this compound did not meet the NJDKQP criteria and in-house criteria, is 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 Initial Calibration met the requirements.

The Continuous Calibration File ID VN088471.D met the requirements except for Tert butyl alcohol is failing marginally low therefore no corrective action taken.

The Tuning criteria met requirements.



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

Sample SB3A was ran straight medium level dilution on this sample. Sample had strong odor not allowing low level soil analysis.

E. Additional Comments:

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.

The soil samples results are based on a dry weight basis.

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_____