



CASE NARRATIVE

T&A Construction Inc

Project Name: Kingsland Point Park Water Main

Project # N/A

Order ID # Q2600

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 07/14/2025.

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_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. 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.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike for {VX0715MBS01} with File ID: VX047007.D met requirements for all compounds except for 2-Butanone[140%], 2-Hexanone[145%], 4-Methyl-2-Pentanone[139%] and Methyl Acetate[155%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate for {VX0715MBSD01} with File ID: VX047008.D met requirements for all compounds except for 1,2-Dibromo-3-Chloropropane[135%], 2-Butanone[147%], 2-Hexanone[150%], 4-Methyl-2-Pentanone[144%] and Methyl Acetate[160%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike for {VX0716MBS01} with File ID: VX047019.D met requirements for all compounds except for 2-Butanone[136%], 2-Hexanone[142%] and Methyl Acetate[150%] 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.



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The Initial Calibration met the requirements.

The Continuous Calibration File ID VX046988.D met the requirements except for 1,2-Dibromo-3-Chloropropane,2-Butanone,2-Hexanone,4-Methyl-2-Pentanone,Methyl Acetate 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 VX047016.D met the requirements except for 1,2-Dibromo-3-Chloropropane,2-Butanone,2-Hexanone,4-Methyl-2-Pentanone,Acetone, Methyl Acetate and Methyl tert-butyl Ether are failing high but no positive hit in associate sample therefore no corrective action taken while, Carbon Disulfide is failing low but only dilution sample analyzed under this CCAL therefore no corrective action taken..

The Tuning criteria met requirements.

Samples TRENCH, STOCK-PILE and END-OF-TRENCH were directly run in methanol as samples have strong odor and not allowing low level soil run.

Sample END-OF-TRENCH was diluted due to high concentration.

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.

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_____