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CASE NARRATIVE

AECOM

Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Project # N/A

Order ID # Q3419

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

5 Solid samples were received on 10/21/2025.

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_Y 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 PR-132-S16-015094-20251021MSD [Toluene-d8 - 69%] due to matrix interference.

The Internal Standards Areas were met for all analysis except for PR-132-S16-015094-20251021MS, PR-132-S16-015094-20251021MSD samples were re-analyzed but still we have internal standard recovery failure due to matrix interference, lab will report first analysis with failure.

The Retention Times were met for all analysis.

The MS {Q3419-02MS} with File ID: VY023580.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[290%], 1,1,2-Trichloroethane[150%], 1,2-Dibromo-3-Chloropropane[240%], 4-Methyl-2-Pentanone[175%], Acetone[179%], Bromoform[150%], cis-1,3-Dichloropropene[53%] and Methyl Acetate[360%] due to matrix interference.

The MSD {Q3419-03MSD} with File ID: VY023581.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[354%], 1,1,2-Trichloroethane[177%], 1,2-Dibromo-3-Chloropropane[316%], 1,2-Dibromoethane[152%], 2-Butanone[249%], 2-Hexanone[238%], 4-Methyl-2-Pentanone[251%], Acetone[298%], Bromoform[190%], Carbon disulfide[142%], cis-1,3-



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Dichloropropene[30%], Methyl Acetate[544%], Methyl tert-butyl Ether[190%] and t-1,3-Dichloropropene[43%] due to matrix interference.

The RPD for {Q3419-03MSD} with File ID: VY023581.D met criteria except for 1,2,3-Trichlorobenzene[29%], 1,2,4-Trichlorobenzene[22%], 1,2-Dibromo-3-Chloropropane[27%], 2-Butanone[37%], 2-Hexanone[38%], 4-Methyl-2-Pentanone[36%], Acetone[50%], Bromochloromethane[33%], Bromoform[23%], Bromomethane[29%], Carbon disulfide[45%], cis-1,3-Dichloropropene[54%], Methyl Acetate[41%], Methyl tert-butyl Ether[23%] and t-1,3-Dichloropropene[39%] due to difference in results of MS and MSD.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:

The Sample #PR-132-S16-015094-20251021, PR132-S16-119133-20251021 and PR132-S16-094119-20251021 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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_____