

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1790

MATRIX: /Water

METHOD: 8260-Low,8260D

| | NA | NO | YES |
|---|----|----|-----|
| 1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks) | | | ✓ |
| 2. GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ) | | | ✓ |
| 3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series. | | | ✓ |
| 4. GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series. | | | ✓ |
| 5. GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration met the requirements. | | | ✓ |
| 6. Blank Contamination - If yes, list compounds and concentrations in each blank: | | ✓ | |
| 7. Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. | | | ✓ |
| 8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MSD {Q1790-03MSD} with File ID: VY021896.D recoveries met the acceptable requirements except for Trichloroethene[176%] due to matrix interference. The RPD for {Q1790-03MSD} with File ID: VY021896.D met criteria except for Trichloroethene[33%] due to difference in results of MS and MSD. | | ✓ | |
| 9. Internal Standard Area/Retention Time Shift Meet Criteria Comments: The Internal Standards Areas met the acceptable requirements except for S-872-G1-SO-20.0-20.5-041025MSD passing in parent sample and MS therefore no corrective action taken. | | ✓ | |
| 10. Analysis Holding Time Met If not met, list number of days exceeded for each sample: | | | ✓ |

ADDITIONAL COMMENTS:

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

Trip Blank was not provided with this set of samples.

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

S-871-G1-SO-23.0-23.5-041025 and S-870-G1-SO-22.0-22.5-041025 were directly run in methanol due to high concentration of Trichloroethene

.

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.

QA REVIEW

Date