

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3434

MATRIX: /Water

METHOD: 8270E/3510

| | | NA | NO | YES |
|----|--|----|----|-----|
| 1. | Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks) | | | ✓ |
| 2. | GC/MS Tuning Specifications. DFTPP 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 within 30 days 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 %RSD is greater than 20% in the Method 8270-BG102421.M for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol these Compounds are passing on Linear regression, The Continuous Calibration File ID BF144097.D met the requirements except for Caprolactam ,Pyrene and Terphenyl-d14 , The associate samples have no positive hit for these compounds therefore no corrective action was taken. The Continuous Calibration File ID BG064618.D met the requirements except for Nitrobenzene-d5, Di-n-octyl phthalate, marginally high, therefore no corrective action was taken, and Hexachlorocyclopentadiene failing high but the associate samples have no positive hit for these compounds therefore no corrective action was taken. The Continuous Calibration File ID BG064636.D met the requirements except for 2,4-Dinitrophenol,2-Nitrophenol,4,6-Dinitro-2-methylphenol,Hexachlorocyclopentadiene,Nitrobenzene and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was taken. | | ✓ | |
| 6. | Blank Contamination - If yes, list compounds and concentrations in each blank: | | | ✓ |

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GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**(CONTINUED)**

| | | NA | NO | YES |
|-----|---|----|----|-----|
| 7. | Surrogate Recoveries Meet Criteria | | ✓ | |
| | If not met, list those compounds and their recoveries which fall outside the acceptable ranges. | | | |
| | The Surrogate recoveries were met for all analysis except for PB170215BL [Nitrobenzene-d5 - 110%] marginally high therefore no corrective action was taken. | | | |
| 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 MS recoveries met the requirements for all compounds. | | | |
| | The MSD recoveries met the requirements for all compounds. | | | |
| | The Blank Spike met requirements for all compounds. | | | |
| | The Blank Spike Duplicate met requirements for all compounds. | | | |
| 9. | Internal Standard Area/Retention Time Shift Meet Criteria | | | ✓ |
| | Comments: | | | |
| 10. | Extraction Holding Time Met | | | ✓ |
| | If not met, list number of days exceeded for each sample: | | | |
| 11. | Analysis Holding Time Met | | | ✓ |
| | If not met, list number of days exceeded for each sample: | | | |

ADDITIONAL COMMENTS:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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

QA REVIEW_____
Date