

**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: Q3177

MATRIX: Solid

METHOD: 8270E/3541

	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-BF092325.M for 2-Nitrophenol & 2,4-Dinitrotoluene & are passing on Linear regression, and 2,4-Dinitrophenol, 4,6- Dinitro-2-methylphenol, they are passing on Quadratic regression.			
The Continuous Calibration File ID BF143830.D met the requirements except for 2- Nitrophenol and 4,6-Dinitro-2-methylphenol. The associate samples have no positive hit for this compound therefore no corrective action was taken.			
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.			

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

**(CONTINUED)**

	NA	NO	YES
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 {Q3179-02MS} with File ID: BF143839.D recoveries met the requirements for all compounds except for 2,3,4,6-Tetrachlorophenol[124%], due to matrix interference, no corrective action is required.			
The MSD {Q3179-03MSD} with File ID: BF143840.D recoveries met the acceptable requirements except for 2,3,4,6-Tetrachlorophenol[127%], due to matrix interference, no corrective action is required.			
The RPD met criteria.			
The Blank Spike for {PB169880BS} with File ID: BF143832.D met requirements for all samples except for 2,6-Dinitrotoluene[116%], Benzoic acid[126%] and Benzyl Alcohol[94%].The associate samples have no positive hit for these compounds therefore no corrective action was taken.			
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.

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QA REVIEW

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Date