

# **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: Q3834

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 Initial Calibration met the requirements. The Continuous Calibration File ID BP026290.D met the requirements except for 2,4- Dinitrophenol, 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:		✓	
7.	Surrogate Recoveries Meet Criteria  If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓

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**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 {Q3831-01MS} with File ID: BP026304.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[43%], 3-Nitroaniline[50%] and 4-Chloroaniline[25%], these compounds did not meet the NJDKQP criteria but met the in-house criteria due to matrix interference.			
The MSD {Q3831-01MSD} with File ID: BP026305.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[54%], 3-Nitroaniline[52%], 4,6-Dinitro-2-methylphenol[63%], 4-Chloroaniline[25%] and 4-Nitroaniline[68%], these compounds did not meet the NJDKQP criteria but met the in-house criteria due to matrix interference.			
The Blank Spike for {PB170902BS} with File ID: BP026292.D met requirements for all compounds except for 3-Nitroaniline[65%], 4-Chloroaniline[49%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.			
The RPD for {Q3831-01MSD} with File ID: BP026305.D met criteria except for 2,4-Dinitrophenol[33%], 3,3-Dichlorobenzidine[23%] and Hexachlorocyclopentadiene [41%], due to difference in results of MS and MSD.			
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\_\_\_\_\_  
Date