

# **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: Q3176

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 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.  The Surrogate recoveries were met for all analysis except for PB169827BL [Terphenyl- d14 - 107%], marginally high, and EME-TS13-01 [2-Fluorobiphenyl - 16%], as per method one acid and one base surrogate allow to fail therefore no corrective action taken.			✓

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		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 {Q3178-02MS} with File ID: BF143817.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[130%], due to matrix interference therefore no corrective action taken.			
	The MSD {Q3178-03MSD} with File ID: BF143818.D recoveries met the requirements for all compounds except for 2,6-Dinitrotoluene[139%] and Benzo(b)fluoranthene[139%], due to matrix interference therefore no corrective action taken.			
	The Blank Spike for {PB169827BS} with File ID: BF143804.D met requirements for all compounds except for 2,6-Dinitrotoluene[112%], Butylbenzylphthalate[106%], marginally biased high 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\_\_\_\_\_  
Date