

**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: Q3399

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.		✓	
<p>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 BG064672.D met the requirements except for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitroaniline, 2-Nitrophenol, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was taken.</p> <p>The Continuous Calibration File ID BG064685.D met the requirements except for 2-Nitrophenol, failing high but The associate samples have no positive hit for these compounds therefore no corrective action was taken.</p>			
6. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7. Surrogate Recoveries Meet Criteria			✓
<p>If not met, list those compounds and their recoveries which fall outside the acceptable ranges.</p>			

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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 {Q3399-01MS} with File ID: BG064683.D recoveries met the requirements for all compounds except for 1,4-Dioxane[67%] and Hexachlorocyclopentadiene[149%], due to matrix interference therefore no corrective action was taken.			
	The MSD {Q3399-01MSD} with File ID: BG064684.D recoveries met the requirements for all compounds except for 1,4-Dioxane[63%], 2-Nitrophenol[126%] and Hexachlorocyclopentadiene[151%], due to matrix interference therefore no corrective action was taken.			
	The Blank Spike Duplicate met requirements for all compounds. The Blank Spike for {PB170206BS} with File ID: BG064674.D met requirements for all compounds except for 1,4-Dioxane[59%], marginally low, therefore no corrective action was taken, Hexachlorocyclopentadiene[127%] failing high but 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: The Internal Standards Areas were met for all analysis.			
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