

# **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: P3475

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 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 met the acceptable criteria except for S-866-N-SO-0-0.5- 080524[2-Fluorobiphenyl - 26%, Terphenyl-d14 - 28%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.			
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 MSD {P3475-04MSD} with File ID: BF139009.D recoveries met the acceptable requirements except for Benzo(a)anthracene[132%], this compound did not meet the NJDQKP criteria and in-house criteria, due to matrix interference no corrective action is required.			
The Blank Spike met requirements for all samples .			

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**(CONTINUED)**

	NA	NO	YES
9. Internal Standard Area/Retention Time Shift Meet Criteria		✓	
Comments: The Internal Standards Areas met the acceptable requirements except for S-866-N-SO-1.0-1.5-080524, S-866-N-SO-1.0-1.5-080524MS and S-866-N-SO-1.0-1.5-080524MSD, due to matrix interference, no corrective action is required.			
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:**

This data Package has been revised due to Client Id changed as per client request.

The Sample S-866-N-SO-1.0-1.5-080524, have the concentration of target compound below method detection limits; therefore it is not reported as Hit in Form1.

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

The not QT review data is reported in the Miscellaneous.

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

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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QA REVIEW

\_\_\_\_\_  
Date