



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**

ORDER ID: Q1872

MATRIX: Solid

METHOD: 8081B/3541

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified.			✓
2. Standard Summary Submitted.			✓
3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.  The Initial Calibration met the requirements . The Continuous Calibration met the requirements .			✓
4. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5. Surrogate Recoveries Meet Criteria  If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
6. 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 {Q2109-01MS} with File ID: PL095789.D recoveries met the requirements for all compounds except for [beta-BHC(1)-48%]and[beta-BHC(2)-87%] due to matrix interference.  The MSD {Q2109-01MSD} with File ID: PL095790.D recoveries met the acceptable requirements except for [beta-BHC(1)-52%]and[beta-BHC(2)-88%] due to matrix interference.  The Blank Spike met requirements for all samples .  The RPD for {Q2109-01MSD} with File ID: PL095790.D met criteria except for [Mirex(1)-62%] due to difference in results of MS and MSD.		✓	
7. Retention Time Shift Meet Criteria (if applicable)  Comments:			✓



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**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)**

	NA	NO	YES
8. Extraction Holding Time Met		✓	
If not met, list number of days exceeded for each sample:			
9. Analysis Holding Time Met		✓	
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The Holding Times were met for all analysis.			

**ADDITIONAL COMMENTS:**

Sample HW0425-PT-PEST-SOIL was diluted due to high concentration.

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

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QA REVIEW

\_\_\_\_\_  
Date