



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

### GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: N2933

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 File ID PL075489.D met the requirements except for alpha-BHC is failing in 1st column. Associated samples have no any positive hit of this compound.		✓	
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. The Surrogate recoveries met the acceptable criteria except for P023-SS005-0006-01 [Decachlorobiphenyl(1) - 250%, Decachlorobiphenyl(2) - 225%], P023-SS005-0006-01DL [Decachlorobiphenyl(1) - 377% and Decachlorobiphenyl(2) - 349%].		✓	
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 recoveries met the requirements for all compounds. The MSD recoveries met the acceptable requirements. The Blank Spike met requirements for all samples. The RPD met criteria.		✓	
7. Retention Time Shift Meet Criteria (if applicable) Comments:			✓
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 samples except for P023-SS001-0612-01, P023-SS001-1218-01, P023-SS001-1824-01, P023-SS001-2430-01, P023-SS002-0006-01, P023-SS003-0006-01, P023-SS004-0006-01 and P023-SS005-0006-01.		✓	



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

NA NO YES

ADDITIONAL COMMENTS:

Sample P023-SS005-0006-01 was diluted due to high concentration.

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

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QA REVIEW

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Date