



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1383

MATRIX: Solid

METHOD: 8082A/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 PP069953.D met the requirements except for Aroclor-1016(Peak-01) is failing in 1st column but it is passing in 2nd column therefore no corrective action taken.

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 PB166774BS [Decachlorobiphenyl(1) - 127%], DCB bias high in one column for DOD criteria but within QC limit for in house criteria, However all the target compounds recoveries are within DOD acceptance criteria therefore no corrective action taken, while for,

OU4-PCS-TC-11-021725MSD [Tetrachloro-m-xylene(1) - 134%]failing for surrogate but it is passing for Original sample and MS therefore no corrective action taken while for,

OU4-PCS-TC-15-021725 [Tetrachloro-m-xylene(1) - 133%, Tetrachloro-m-xylene(2) - 133%], OU4-PCS-TC-15-021725RE [Tetrachloro-m-xylene(1) - 139%, Tetrachloro-m-xylene(2) - 137%], OU4-PCS-TC-17-021725 [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 132%], OU4-PCS-TC-17-021725RE [Tetrachloro-m-xylene(1) - 138%, Tetrachloro-m-xylene(2) - 133%], OU4-PCS-TC-19-021725 [Tetrachloro-m-xylene(1) - 133%, Tetrachloro-m-xylene(2) - 131%], OU4-PCS-TC-19-021725RE [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 132%], OU4-CF-15-021725 [Tetrachloro-m-xylene(1) - 134%, Tetrachloro-m-xylene(2) - 134%], OU4-CF-15-021725RE [Tetrachloro-m-xylene(1) - 138% and Tetrachloro-m-xylene(2) - 136%], All the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data.



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	NA	NO	YES
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.			

ADDITIONAL COMMENTS:

The not QT review data is reported in the Miscellaneous.

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

QA REVIEW

Date



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NA NO YES