



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

### GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: M4144

MATRIX: Water

METHOD: 8015D/3510

	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. The Surrogate recoveries met the acceptable criteria except for IDW-LIQ-DRUM-2-100721 [Tetracosane-d50 - 3%], IDW-LIQ-DRUM-2-100721RE [Tetracosane-d50 - 4%] this samples was reanalyzed to confirm the failure and reported as per method and IDW-LIQ-COMP-100721 [Tetracosane-d50 - 3158%]. This sample was drum sample. In original analysis (FE100821) surrogate peak was separating from interference and also surrogate was within QC limit. However sample requires further dilution. In dilution surrogate peak is not separating from interference, resulting surrogate is outside QC limit. As sample matrix is bad.		✓	
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 Blank Spike met requirements for all samples. The Blank Spike Duplicate 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:

Samples IDW-LIQ-DRUM-1-100721 and IDW-LIQ-COMP-100721 were diluted due to high concentrations.



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

NA NO YES

Samples IDW-LIQ-DRUM-1-100721 and IDW-LIQ-COMP-100721 original run is reported as screening data.

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QA REVIEW

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Date