



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: N1381

MATRIX: Solid

METHOD: 8015D/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. The Surrogate recoveries met the acceptable criteria except for DB-05(20-22)-02-01-22 [TETRACOSANE-d50 - 0%], DB-06(15-20)-02-01-22 [TETRACOSANE-d50 - 0%], DB-11(15-20)-02-02-22 [TETRACOSANE-d50 - 0%] and DB-09(10-15)-02-02-22 [TETRACOSANE-d50 - 0%].Surrogates were diluted out due to the high dilution.No further corrective action was taken.		✓	
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 {N1381-11MS} with File ID: FF009849.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[-11%] due to matrix interference. The MSD {N1381-12MSD} with File ID: FF009850.D recoveries met the acceptable requirements except for Petroleum Hydrocarbons[-10.%] due to matrix interference. The Blank Spike met requirements for all samples. The RPD met criteria.		✓	
7. Retention Time Shift Meet Criteria (if applicable) Comments: The Retention Times were acceptable for all samples except for DB-05(20-22)-02-01-22, DB-06(15-20)-02-01-22, DB-11(15-20)-02-02-22 and DB-09(10-15)-02-02-22.		✓	
8. Extraction Holding Time Met If not met, list number of days exceeded for each sample:			✓



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

9. Analysis Holding Time Met

✓

If not met, list those compounds and their recoveries which fall outside the acceptable range.

ADDITIONAL COMMENTS:

Samples DB-05(20-22)-02-01-22, DB-06(15-20)-02-01-22, DB-11(15-20)-02-02-22, DB-07(13.5-15)-02-02-22 and DB-09(10-15)-02-02-22 were diluted due to high concentrations.

Samples DB-05(20-22)-02-01-22, DB-06(15-20)-02-01-22, DB-11(15-20)-02-02-22, DB-07(13.5-15)-02-02-22 and DB-09(10-15)-02-02-22 original run reported as screening data.

As per special requirement for this project form-1 are reported in mg/kg.

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

QA REVIEW

Date