



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

### GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: N1254

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.			✓
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 SP25-04-20220124-12.0-12.5 [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 {N1254-02MS} with File ID: FF009792.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[159%] due to matrix interference. The MSD recoveries met the acceptable requirements. The Blank Spike met requirements for all samples. The RPD for {N1254-02MSD} with File ID: FF009793.D met criteria except for Petroleum Hydrocarbons[77.8%] due to matrix interference.		✓	
7. Retention Time Shift Meet Criteria (if applicable) Comments: The Retention Times were acceptable for all samples except for SP25-04-20220124-12.0-12.5.		✓	
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.			✓



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

NA NO YES

ADDITIONAL COMMENTS:

Sample SP25-04-20220124-12.0-12.5 was diluted due to high concentration.

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

Sample SP25-04-20220124-12.0-12.5 original run reported as screening data.

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QA REVIEW

\_\_\_\_\_  
Date