



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: P4495

MATRIX: Solid

METHOD: NJEPH/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.			✓
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 {P4518-05MS} with File ID: FC067546.D recoveries met the requirements for all compounds except for Aliphatic C9-C12[145%], Aliphatic C12-C16[921%], Aliphatic C16-C21[762%], Aliphatic C21-C28[377%] and Aliphatic C28-C40[321%] due to matrix interference. The MS {P4518-05MS} with File ID: FD048607.D recoveries met the requirements for all compounds except for Aromatic C12-C16[223%], Aromatic C16-C21[281%] due to matrix interference. The MSD {P4518-05MSD} with File ID: FC067547.D recoveries met the acceptable requirements except for Aliphatic C9-C12[140%], Aliphatic C12-C16[856%], Aliphatic C16-C21[748%], Aliphatic C21-C28[350%] and Aliphatic C28-C40[307%] due to matrix interference. The MSD {P4518-05MSD} with File ID: FD048608.D recoveries met the acceptable requirements except for Aromatic C12-C16[180%], Aromatic C16-C21[277%] due to matrix interference. The Blank Spike met requirements for all samples . The Blank Spike Duplicate met requirements for all samples . The RPD met criteria .		✓	



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	NA	NO	YES
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 PT-NJEPH-SOIL, PT-NJEPH-SOILDL and PT-NJEPH-SOILDL2 were diluted due to high concentrations for Aliphatic compounds and Sample PT-NJEPH-SOIL was diluted due to high concentrations for Aromatic compounds.

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

QA REVIEW

Date



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NA NO YES