



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q1872

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.			✓



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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 {Q1901-04MS} with File ID: FC068804.D recoveries met the requirements for all compounds except for [n-Tetracosane (C24)- 39%] due to matrix interference and [Naphthalene (C11.7)- 1%, 2-methylnaphthalene (C12.89)- 0%] these analytes are only being monitoring in aliphatic fraction.			
The MSD {Q1901-04MSD} with File ID: FC068805.D recoveries met the requirements for all compounds except for [n-Tetracosane (C24)- 39%] due to matrix interference and [Naphthalene (C11.7)- 1%, 2-methylnaphthalene (C12.89)- 0%] these analytes are only being monitoring in aliphatic fraction.			
The MS {Q1901-04MS} with File ID: FD049330.D recoveries met the requirements for all compounds except for [Chrysene (C27.41)-196%, Bnezo[k]fluoranthene (C30.14)-183%, Dibenz[a,h]anthracene (C30.36)-200%, benzo[b]fluoranthene (C30.41)-180%, Indeno[1,2,3-cd]pyrene (C35.01)-187%] due to matrix interference.			
The MSD {Q1901-04MSD} with File ID: FD049331.D recoveries met the requirements for all compounds except for [Benzo[a]anthracene (C26.37)-199%, Chrysene (C27.41)-195%, Bnezo[k]fluoranthene (C30.14)-183%, Dibenz[a,h]anthracene (C30.36)-200%, benzo[b]fluoranthene (C30.41)-180%, Indeno[1,2,3-cd]pyrene (C35.01)-188%] due to matrix interference.			
The RPD for {Q1901-04MSD} with File ID: FD049331.D met criteria except for Benzo[a]anthracene (C26.37)- 68.92% due to difference in results of MS and MSD.			
The Blank Spike {PB167903BS} with File ID: FC068793.D met requirements for all samples except for [Naphthalene (C11.7)-0%, 2-methylnaphthalene (C12.89)-0%] these analytes are only being monitoring in aliphatic fraction.			
The Blank Spike Duplicate{PB167903BSD} with File ID: FC068794.D met requirements for all samples except for [Naphthalene (C11.7)-0%, 2-methylnaphthalene (C12.89)-0%]these analytes are only being monitoring in aliphatic fraction.			
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:			



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	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 HW0425-PT-NJEPH-SOIL and HW0425-PT-NJEPH-SOILDL were diluted due to high concentrations for Aliphatic compounds.

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

QA REVIEW

Date