

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3363

MATRIX: Solid

METHOD: 8270E/3541

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2. GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4. GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5. GC/MS Calibration Requirements.		✓	
The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF100625.M) for 2,4-Dinitrophenol this Compounds is passing on Linear regression.			
The Continuous Calibration File ID BF143984.D met the requirements except for Di-n- octyl phthalate, Associated sample does not have hit for this compound, Therefor no further corrective action was taken.			
The Continuous Calibration File ID BG064531.D met the requirements except for Hexachlorocyclopentadiene , Associated sample does not have hit for this compound, Therefor no further corrective action was taken.			
6. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7. Surrogate Recoveries Meet Criteria			✓
If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**(CONTINUED)**

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The MSD {Q3363-05MSD} with File ID: BG064540.D recoveries met the requirements for all compounds except for Acenaphthylene[127%], Carbazole[120%] and N-Nitrosodiphenylamine[120%], Recovery failed due to matrix interference.			
	The Blank Spike met requirements for all compounds.			
	The RPD for {Q3363-05MSD} with File ID: BG064540.D met criteria except for 1,4-Dioxane[25%], 2,2-oxybis(1-Chloropropane)[22%], 2,4-Dichlorophenol[21%], 2,4-Dimethylphenol[26%], 2-Chlorophenol[23%], 2-Methylphenol[23%], 3+4-Methylphenols[26%], 4-Chloro-3-methylphenol[23%], Acetophenone[21%], Atrazine[21%], Benzaldehyde[28%], Benzo(a)anthracene[26%], Benzo(a)pyrene[21%], Benzo(g,h,i)perylene[21%], Benzo(k)fluoranthene[23%], bis(2-Chloroethyl)ether[21%], bis(2-Ethylhexyl)phthalate[21%], Caprolactam[29%], Chrysene[22%], Dibenz(a,h)anthracene[21%], Hexachloroethane[23%], Isophorone[21%], Nitrobenzene[23%], N-Nitroso-di-n-propylamine[25%], N-Nitrosodiphenylamine[21%] and Pyrene[24%], RPD failed due to difference between MS and MSD results.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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

QA REVIEW_____
Date