



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

### GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3447

MATRIX: TCLP

METHOD: 8151A/3510/1311

	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 were met for all analysis except for P001-TW1-251023-01 [2,4-DCAA(2)17%], P001-TW1-251023-01MS [2,4-DCAA(2)25%], P001-TW1-251023-01MSD [2,4-DCAA(2)21%], Surrogate failure for MS-MSD confirmed with original sample while, P001-TW2-251023-01 [2,4-DCAA(2)12%], P001-TW2-251023-01RE [2,4-DCAA(1)58%, 2,4-DCAA(2)14%], P001-TW3-251023-01 [2,4-DCAA(2)13%], P001-TW3-251023-01RE [2,4-DCAA(2)11%], P001-TW4-251023-01 [2,4-DCAA(2)12%], P001-TW4-251023-01RE [2 and4-DCAA(2)10%]All the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data.			
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 {Q3447-02MS} with File ID: PS032199.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)54% - 2,4,5-TP(Silvex)(2)58%] and [2,4-D(1)55%] due to matrix interference.			
The MSD {Q3447-02MSD} with File ID: PS032200.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)51% - 2,4,5-TP(Silvex)(2)54%] and [2,4-D(1)62% - 2,4-D(2)40%] due to matrix interference.			
The Blank Spike met requirements for all compounds.			
The RPD for File ID: PS032200.D met criteria except for [2,4-D(2)-69%]due to difference in results of MS-MSD.			



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

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

	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:

\_\_\_\_\_  
QA REVIEW

\_\_\_\_\_  
Date