

ER PROGRAM DATA ASSESSMENT
SUMMARY REPORT FORM

Batch No. 8908S036 Site 881 Hillside
Laboratory Roy F. Weston - Stockton No. of Samples/Matrix 5/Water
SOW # 10/86 (Rev. 2/88) Reviewer Org. TechLaw, Inc.
Sample Numbers SW070005, SW070005D, SW070005FB, TB081489005, GTB081189002

Data Assessment Summary

	VOA	Comments
1. Holding Times	<u>A</u>	<u>Action Item 1</u>
2. GC/MS Tune/Instr. Perf.	<u>V</u>	
3. Calibrations	<u>X</u>	<u>Comments 1,2</u>
4. Blanks	<u>A</u>	<u>Action Item 2</u>
5. Surrogates	<u>V</u>	
6. Matrix Spike/Dup.	<u>V</u>	
7. Other QC	<u>V</u>	
8. Internal Standards	<u>V</u>	
9. Compound Identification	<u>X</u>	<u>Comments 3,4</u>
10. System Performance	<u>V</u>	
11. Overall Assessment	<u>A</u>	<u>Data acceptable with qualifications.</u>

V = Data had no problems.
A = Data acceptable but qualified due to problems.
R = Data rejected.
X = Problems, but do not affect data.

Data Quality: Data contained in this batch were reviewed and found to be acceptable with qualifications. Acceptable, qualified data may be used provided that individual values impacted by the "Action Items" listed below are appropriately flagged. (Refer to attached Results Summary Tables.)

ADMIN RECORD

"REVIEWED FOR CLASSIFICATION
By R. B. Hoffman
Date 7 11 90

REVIEWED FOR CLASSIFICATION/UCNI
By George H. Setlock
Date 6/28/90

8s036/voa
A-DU01-000083

Action Items: 1) Non-detected results for aromatic compounds in all samples are estimated and undetected (UJ) because holding time exceeded seven days.

2) As a result of blank contamination, the positive results for Methylene Chloride and Acetone in all samples (SW070005, exception Methylene Chloride) are estimated and undetected (UJ) as per the Functional Guidelines criteria (5x and 10x rules).

Comments: 1) Several compounds had %RSDs exceeding 30% in the initial calibration and %Ds exceeding 25% in the continuing calibration. No action is necessary as no positive results were found for these compounds.

2) Surrogates should have been run at five separate concentration levels in the initial calibration. This does not affect the overall quality of the data.

3) The positive result for Acetone in sample TB081489005 was not reported on Form 1A. However, the result is influenced by blank contamination (see Action Item 2).

4) One TIC was found in sample SW070005 and its duplicate. The sample was also used as an MS/MSD sample and the TIC appears there at more than four times the original concentration.

Note: Data Summary Tables are attached.

Willie T Fee
Reviewer Signature

4/12/90
Date

TABLE #: 8908S036
 SITE NAME: 881 Hillside
 CLP VOLATILE ORGANIC ANALYSIS: Low Water

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 ANALYTICAL RESULTS (ppb)

Sample Location	Sample Number	Method Blank	DO	DO	DO	DO	DO	DO	DO	DO
Sample Number	VBK	SW070005	SW070005D	SW070005FB	TB081489005	GTB081189002				
Sampling Date	8/14/89	8/14/89	8/14/89	8/14/89	8/14/89	8/11/89				
Remarks	Method Blank	Field Dup.	Field Blank	Trp Blank	Trp Blank	Trp Blank				
Volatiles	CRCL	DO	DO	DO	DO	DO				
Compound	ug/L (ppb)	DO	DO	DO	DO	DO				
Chloromethane	10	10 U V	10 U V	10 U V	10 U V	10 U V				
Bromomethane	10	10 U V	10 U V	10 U V	10 U V	10 U V				
Vinyl chloride	10	10 U V	10 U V	10 U V	10 U V	10 U V				
Chloroethane	10	10 U V	10 U V	10 U V	10 U V	10 U V				
Methylene chloride	5	5 U V	5 U A	5 U A	5 U A	5 U A				
Acetone	10	8 ppb	10 U A	10 U A	10 U A	10 U A				
Carbon disulfide	5	5 U V	5 U V	5 U V	5 U V	5 U V				
1,1-Dichloroethane	5	5 U V	5 U V	5 U V	5 U V	5 U V				
1,1-Dichloroethane	5	5 U V	5 U V	5 U V	5 U V	5 U V				
1,2-Dichloroethane (Total)	5	5 U V	5 U V	5 U V	5 U V	5 U V				
Chloroform	5	5 U V	1 J A	5 U V	5 U V	5 U V				
1,2-Dichloroethane	5	2 J A	1 J A	5 U V	5 U V	5 U V				
2-Butanone	10	10 U V	10 U V	3 J A	10 U V	10 U V				
1,1,1-Trichloroethane	5	5 U V	5 U V	5 U V	5 U V	5 U V				
Carbon tetrachloride	5	5 U V	5 U V	5 U V	5 U V	5 U V				
Vinyl acetate	10	10 U V	10 U V	10 U V	10 U V	10 U V				
Bromodichloromethane	5	5 U V	5 U V	5 U V	5 U V	5 U V				
1,2-Dichloropropane	5	5 U V	5 U V	5 U V	5 U V	5 U V				
cis-1,3-Dichloropropene	5	5 U V	5 U V	5 U V	5 U V	5 U V				
Trichloroethene	5	5 U V	5 U V	5 U V	5 U V	5 U V				
Dibromochloromethane	5	5 U V	5 U V	5 U V	5 U V	5 U V				
1,1,2-Trichloroethane	5	5 U V	5 U V	5 U V	5 U V	5 U V				
Benzene	5	5 U A	5 U A	5 U A	5 U A	5 U A				
trans-1,3-Dichloropropene	5	5 U V	5 U V	5 U V	5 U V	5 U V				
Bromoform	5	5 U V	5 U V	5 U V	5 U V	5 U V				
4-Methyl-2-pentanone	10	10 U V	10 U V	10 U V	10 U V	10 U V				
2-Hexanone	10	10 U V	10 U V	10 U V	10 U V	10 U V				
Tetrachloroethene	5	5 U V	5 U V	5 U V	5 U V	5 U V				
1,1,2,2-Tetrachloroethane	5	5 U V	5 U V	5 U V	5 U V	5 U V				
Toluene	5	5 U A	5 U A	5 U A	5 U A	5 U A				
Chlorobenzene	5	5 U A	5 U A	5 U A	5 U A	5 U A				
Ethylbenzene	5	5 U A	5 U A	5 U A	5 U A	5 U A				
Styrene	5	5 U A	5 U A	5 U A	5 U A	5 U A				
Xylenes (Total)	5	5 U A	5 U A	5 U A	5 U A	5 U A				
Total Organic Concentration (ppb)	10	2	2	3	0	0				

U Indicates the compound was not detected above the Required Quantitation Limit.
 J Quantitation is approximate due to limitations identified during the quality control review.
 E Exceeds calibration range, dilute & reanalyze.
 CRCL Contract Required Quantitation Limit in Micrograms per Liter (ug/L), Parts per billion (ppb).
 DO Data Qualifier
 V Valid
 A Acceptable with qualifications
 R Rejected
 s036L/Rk48