

ER PROGRAM DATA ASSESSMENT
SUMMARY REPORT FORM

Batch No. 8912G645 Site 881 - Hillside
 Laboratory Roy F. Weston - Gulf Coast No. of Samples/Matrix 5/Water
 SOW # 10/86 (Rev. 2/88) Reviewer Org. TechLaw, Inc.
 Sample Numbers TB121289009, SW054009, SW054009D, SW054009FB, SW026009

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>	<u></u>
3. Calibrations	<u>A</u>	<u>Action Items 2,3,4; Comments 1,2</u>
4. Blanks	<u>A</u>	<u>Action Item 5</u>
5. Surrogates	<u>V</u>	<u></u>
6. Matrix Spike/Dup.	<u>V</u>	<u></u>
7. Other QC	<u>X</u>	<u>Comment 3</u>
8. Internal Standards	<u>V</u>	<u></u>
9. Compound Identification	<u>A</u>	<u>Action Item 6; Comment 4</u>
10. System Performance	<u>X</u>	<u>Comment 5</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 1
 Date 7-11-90

REVIEWED FOR CLASSIFICATION/UCNI

By George H. Seelock 12g645/voa
 Date 6/27/90 A-DU01-000034

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

2) In the initial calibration of 12/18/89, Acetone's %RSD exceeded 30%. Therefore the positive results for Acetone in samples TB121289009 and SW054009FB are estimated (J). The positive result in sample SW026009 would have been estimated (J) had blank criteria been met. (See Action Item 5)

3) The non-detected results for Chloromethane, Methylene Chloride, 2-Butanone and Vinyl Acetate in sample SW026009 are rejected (R) because the %Ds for these compounds exceeded 50% in the continuing calibration for 12/24/89.

4) In the continuing calibration for 12/23/89 Methylene Chloride's %D exceeded 25%. The positive values for Methylene Chloride would have been estimated (J) had blank criteria been met. (See Action Item 5)

5) As a result of blank contamination, the positive results for Methylene Chloride in samples TB121289009, SW054009, SW054009D, and SW054009FB and the positive result for Acetone in sample SW026009 are estimated and undetected (UJ) as per the Functional Guidelines criteria (10x rule).

6) The quantitation report for sample SW054009 had a positive result for Carbon disulfide, but the value was not listed on Form 1A. The result from the quant report is reported on the Data Summary Table and is estimated (J) because mass spectral data wasn't provided to confirm its identity.

Comments: 1) Both continuing calibrations had compounds whose %Ds exceeded 25%. However no action is necessary because there were no positive results for these compounds.

2) In the initial calibration, the surrogates had %RSDs exceeding 100%. The surrogates should have been run at five separate concentrations in the initial calibration. However, it appears that the RRFs were calculated as if they were run at the appropriate concentration. This did not warrant any action.

3) Sample SW026009 was listed on the wrong 5A and 8A Forms. The sample was run on 12/24/89 and the 12/24/89 (951) calibration was used to quantitate results.

4) One TIC as found in sample SW054009, but was not accounted for, identified or quantitated.

Comments: (cont) 5) Chromatograms showed a late rise in baseline that indicates column bleed. The
12/23/89 BFB tune contained an extraneous ion at m/z 44 which was present in the mass spectra.

Note: Data Summary Tables are attached.

William T Fee
Reviewer Signature

3/26/90
Date

