MID 064 197 742

APPENDIX D

Revised Data Validation Reports and Analytical Laboratory Data

Volume II

US EPA RECORDS CENTER REGION 5
1004370

Note: This appendix contains data validation information and analytical laboratory data for reports which required revisions. Please refer to the Draft BASF Phase I RFI Report dated 12/4/97 for a complete set of data validation reports and those reports for which revisions were not necessary.

APPENDIX D

Data Validation Reports and Analytical Laboratory Data (prepared by Environmental Standards, Inc.)

(Report 31 of 36)

NO REVISIONS WERE NECESSARY FOR THIS REPORT

APPENDIX D

Data Validation Reports and Analytical Laboratory Data (prepared by Environmental Standards, Inc.)

(Report 32 of 36)

ENVIRONMENTAL STANDARDS

Setting the Standards for Innovative Environmental Solutions

QUALITY ASSURANCE REVIEW

OF THE BASF RCRA FACILITY INVESTIGATION

SAMPLES COLLECTED ON NOVEMBER 19 AND 20, 1996

IN WYANDOTTE, MICHIGAN

August 29, 1997

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Introduction

This quality assurance (QA) review is based upon a rigorous examination of all data generated from the analyses of the samples collected on November 19 and 20, 1996, as part of the BASF Corporation (BASF) Resource Conservation and Recovery Act (RCRA) Facility Investigation in Wyandotte, Michigan. The samples included in this QA review are presented on Table 1.

This review has been performed with guidance from the "National Functional Guidelines for Organic Data Review" (US EPA, 2/94) and the "National Functional Guidelines for Inorganic Data Review" (US EPA, 2/94).

The reported analytical results are presented as a summary of the data in Section 2. Data were examined to determine the usability of the analytical results and the compliance relative to the analytical requirements specified in "Test Methods for Evaluating Solid Waste" (SW-846) and the BASF RCRA Facility Investigation (RFI) Quality Assurance Project Plan (QAPP, Revision 2, May 1996). Qualifier codes have been placed next to results so the data user can quickly assess the qualitative and/or quantitative reliability of any result. This critical QA review identifies data quality issues for specific samples and specific evaluation criteria. The data qualifications allow the data end-user to best understand the usability of the analytical results. It should be understood that data that have not been qualified in this report should be considered valid based on the quality control (QC) criteria that have been reviewed. Details of this QA review are presented in the narrative section of this report. This report was prepared to provide a critical review of the laboratory analyses and reported analytical results. Rigorous QA reviews of laboratory-generated data routinely identify various problems associated with analytical measurements, even from the most experienced and capable laboratories.

TABLE 1

SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-24	A6K200114-001	A6K200114	Aq	11/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-24MS (Matrix Spike)	A6K200114-001MS	A6K200114	Aq	11/19/96	V, S, H, M, AIS
MW000RFIMW-24MSD (Matrix Spike Duplicate)	A6K200114-001MSD	A6K200114	Aq	11/19/96	V, S, H, M, AIS
MW000RFIMW-25	A6K200114-002	A6K200114	Aq	11/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-26	A6K200114-003	A6K200114	Aq	11/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-26MS (Matrix Spike)	A6K200114-003MS	A6K200114	Aq	11/19/96	V
MW000RFIMW-26MSD (Matrix Spike Duplicate)	A6K200114-003MSD	A6K200114	Aq	11/19/96	V
MW000RFIMW-27	A6K200114-004	A6K200114	Aq	11/19/96	V, S, P, H, M, M*, CN, AIS
RS000RFIMW-27 (Rinsate Blank)	A6K200114-005	A6K200114	Aq	11/19/96	V, S, P, H, M, M*, CN, AIS
TB-11/19/96 (Trip Blank)	A6K200114-006	A6K200114	Aq	11/19/96	V
MW000RFIMW-28	A6K210132-001	A6K210132	Aq	11/20/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-28MS (Matrix Spike)	A6K210132-001	A6K210132	Aq	11/20/96	S, P
MW000RFIMW-28MSD (Matrix Spike Duplicate)	A6K210132-001	A6K210132	Aq	11/20/96	S, P
MW000RFIMW-29	A6K210132-002	A6K210132	Aq	11/20/96	V, S, P, H, M, M*, CN, AIS

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-29D (Field Duplicate of MW000RFIMW-29)	A6K210132-003	A6K210132	Aq	11/20/96	V, S, P, H, M, M*, CN, AIS
MW000P-34N	A6K210132-004	A6K210132	Aq	11/20/96	V, S, P, H, M, M*, CN, AIS

NOTES:

V	Volatile Organic Compounds by SW-846 Method 8260A.
S	Semivolatile Organic Compounds by SW-846 Method 8270B.
P	Organochlorine Pesticides/PCBs by SW-846 Method 8080A.
H	Herbicides by SW-846 Method 8150B.
M	Total Methods by SW-846 Methods 6010A and 7470A.
M*	Dissolved Metals by SW-846 Methods 6010A and 7470A.
CN	Total Cyanide by SW-846 Method 9012.
AIS	Acid Insoluble Sulfide by SW-846 Method 9030A.

Section 1 Quality Assurance Review

A. Organic Data

The organic analyses of 10 samples were performed by Quanterra Incorporated (Quanterra) of North Canton, Ohio. The samples were analyzed for volatile organic compounds by SW-846 Method 8260A, for semivolatile organic compounds by SW-846 Method 8270B, for organochlorine pesticides/PCBs by SW-846 Method 8080A, and for herbicides by SW-846 Method 8150B, as indicated on Table 1. The data was received in one data package. The analytical results are presented in Section 2 of this report.

The findings in this report are based upon a rigorous review of sample holding times, blank analysis results, surrogate recoveries, laboratory control sample (LCS) recoveries, gas chromatography/mass spectroscopy (GC/MS) tuning, matrix spike and matrix spike duplicate recoveries, field duplicate precision, internal standard areas, target compound matching quality, calibrations, analytical sequence, quantitation of positive results, and overall system performance.

Several deficiencies were identified as follows. The data reviewer has included copies of all relevant raw data, QC forms, and other documentation needed to support any changes made to the data package in the Organic Data Support Documentation (Section 3) of this report. It should be emphasized that the following items do not necessarily affect data usability. Usability issues are addressed in a subsequent section.

Correctable Deficiencies

1. For all organic fractions, the laboratory incorrectly reported a "date received" on the Form I's for all method blanks and check samples. Because these are laboratory QC samples, the "date received" is not applicable. There is no impact on data quality due to this deficiency.

2. In the volatile fraction, the laboratory incorrectly reported the start and end time for the initial calibration performed between 10/28/96 at 11:19 and 11/07/96 at 17:51 on instrument A3UX3 as "11:50" and "09:40", respectively, on the Initial Calibration Data and Continuing Calibration summary forms. The data reviewer has corrected the forms and included the forms in the Organic Data Support Documentation (Section 3). There is no impact on data quality due to these deficiencies.

3. In the volatile fraction, the laboratory reported the incorrect lab file ID and time analyzed for US EPA Sample No. VSTD002 analyzed on 11/7/96 at 17:51 on instrument A3UX3 on the Volatile Organic GC/MS Tuning and Mass Calibration summary form (Form V) as "8201008" and "15:45", respectively. According to the raw data, the correct lab file ID for US EPA Sample No. VSTD002 is "8601012" and the correct time is "17:51". The

data reviewer has corrected the Form V and included it in the Organic Data Support Documentation (Section 3).

4. The raw data for the initial calibration standards analyzed on instrument A3UX3 on November 7, 1996, between 09:40 and 17:51 was missing from the data package provided. In addition, the Volatile Organic GC/MS Tuning and Mass Calibration summary form (Form V) associated with the aforementioned initial calibration standards was also missing from the data package provided. The data reviewer obtained the missing information from sample delivery group (SDG) A6J300159 and included it in the data package.

5. In the semivolatile fraction, the laboratory incorrectly reported the start and end times for the initial calibration performed between 9/6/96 at 12:35 and 17:56 on instrument A4EXT3 as "15:29" and "14:52", respectively, on the Initial Calibration summary forms. The data reviewer has corrected the forms and included the forms in the Organic Data Support Documentation (Section 3). There is no impact on data quality due to these deficiencies.

6. In the volatile and semivolatile fractions, the reported average relative response factors (RRFs) for those compounds which are quantitated from calibration curves are not correctly reported on the Continuing Calibration Compounds summary forms. The average RRFs are not the same as the average RRFs for these compounds reported on the Initial Calibration Data summary forms for the associated initial calibrations. Since the concentrations for all target compounds listing the incorrect average RRF are determined from a calibration curve and not from the average RRFs, there is no impact on data quality due to this deficiency.

7. On the Volatile and Semivolatile Continuing Calibration Check Form VIIs, the laboratory reported all percent differences as positive values. However, it is suggested by the percent drift equation in SW-846 protocol (SW-846 Method 8260A and 8270B) that an increase in instrument sensitivity would produce a negative percent difference. There is no impact on data quality due to this deficiency.

8. In the semivolatile fraction, the laboratory misreported the spike added concentration as 120 µg/l for compounds 1,2,4-trichlorobenzene, acenaphthene, 2,4-dinitrotoluene, pyrene, N-nitrosodi-n-propylamine, and 1,4-dichlorobenzene in the matrix spike and matrix spike duplicate analyses of sample MW000RFIMW-28 on the SW-846 8270B Matrix Spike/Matrix Spike Duplicate Recovery summary forms. According to the Extraction Bench Worksheet, the same standard (WAT830) used for the matrix spike and matrix spike duplicate samples was used for the check sample standard. The concentration of the spike added is 50 µg/l. This concentration corrected for the sample volume used for the matrix spike and matrix spike duplicate analyses yields a spike added of 125 µg/l. The data reviewer has corrected the summary forms and included them in the Organic Data Support Documentation (Section 3).

9. In the semivolatile fraction, the laboratory incorrectly reported all of the RRFs for dimethoate on the Initial Calibration Data summary form for the initial calibration performed on 9/6/96 between 12:35 and 17:56 on instrument A4EXT3. The data reviewer has calculated the correct RRFs for dimethoate and has corrected the Initial Calibration Data summary form.

10. In the semivolatile fraction, the laboratory incorrectly reported the date extracted as 10/27/96 for samples MW000P-34N, MW000RFIMW-29, and MW000RFIMW-29D on the Form I's. According to the Extraction Bench Worksheet, the date extracted for samples MW000P-34N, MW000RFIMW-29, and MW000RFIMW-29D is 11/27/96. The data reviewer has edited the Form I's and included the forms in the Organic Data Support Documentation (Section 3).

11. The laboratory analyzed an LCS/LCS duplicate (LCSD) pair for the pesticides/PCBs analysis, but did not report the relative percent difference (RPD) between the results for the compounds in the LCS/LCSD as a measure of the precision of the sample preparation and analysis process. The data reviewer has calculated the RPDs for all compounds in the LCS/LCSD pair and has reported them on the LCSD summary form. All RPDs were less than 20%, indicating good precision between the results.

12. In the pesticide/PCB fraction, the laboratory incorrectly reported the end time for the initial calibration for all target compounds, performed from 12/7/96 at 20:19 to 12/9/96 at 17:20 on instrument a2hpw, as "18:09" on the Initial Calibration Data summary forms for the Rtx®-1701 and Rtx®-5 analytical columns. There is no impact on data quality due to these deficiencies.

13. In the pesticide/PCB and herbicides fractions, the laboratory determined the percent differences between the continuing calibrations and the associated initial calibrations by comparing the true amount found in the continuing calibration standard with the calculated amount. According to SW-846 Method 8000A (pg. 8000A-3, Sec. 7.4.2.3), the percent differences must be determined by comparing the response factors (RFs) obtained in the continuing calibration standard with the RFs obtained in the associated level 3 initial calibration standard (i.e., [initial calibration RF - continuing calibration RF] × 100/initial calibration RF).

14. In the pesticide/PCB fraction, the laboratory reported that the GC column was Rtx®-1701 on the Pesticide Analytical Sequence forms; however, the analytical sequences represent both GC columns (Rtx®-1701 and Rtx®-5) because the samples were injected onto both columns simultaneously. There is no impact on data quality due to this deficiency.

15. For the pesticides/PCBs analyses, the laboratory used sample volumes less than 1000 ml for samples MW000RFIMW-24 (970 ml), MW000RFIMW-26 (870 ml), MW000RFIMW-27

(960 ml), and RS000RFIMW-27 (810 ml). However, the laboratory did not raise the reporting limits for all target analytes (except toxaphene) to compensate for the decreased amount of sample volume used for extraction. The data reviewer has elevated the reporting limits on the data summary tables to reflect the lesser sample volumes used in the extraction process.

16. The chromatograph for the performance evaluation mixture (PEM) standard analyzed on 12/11/96 at 14:38 displayed peaks within the retention time windows for *beta*-BHC and *gamma*-BHC on the Rtx®-5 column which were not integrated by the instrument software. Similarly, the PEM standards analyzed on 12/13/96 at 13:57 and on 12/11/96 at 14:38 displayed peaks within the retention time windows for *alpha*-BHC, *beta*-BHC, and *gamma*-BHC on the Rtx®-1701 column which were not integrated by the instrument software. Consequently, these compounds were reported as "not-detected" on the associated Recovery Report forms. The laboratory should have manually integrated these peaks. There is no effect on the data due to this issue because good recoveries were reported for all compounds from the INDA and INDB standards bracketing the project samples.

17. The second page of the analysis summary forms for the pesticides/PCBs analysis of sample MW000RFIMW-28 (indicating the reporting limit for toxaphene in the sample and any positive result for toxaphene) was not included in the data package submitted for validation. The data reviewer noted from the raw data that toxaphene was not detected in the sample and that the reporting limit should have been reported as 1.2 µg/l (based on extraction volume, final volume, and injection volume for the sample). This reporting limit for toxaphene in sample MW000RFIMW-28 appears on the data summary tables.

18. It should be noted that the laboratory performed a 20-fold dilution of sample MW000RFIMW-29 for the herbicides analysis. However, the quantitation limits of all compounds in the sample were not raised by a factor of 20 for all compounds. The data reviewer has raised the quantitation limits for all compounds in the samples to reflect the correct dilution factor used for the samples.

19. The analytical sequence summary provided for the pesticides/PCBs analysis did not include many continuing calibration check analyses for which raw data was provided in the data package. The data reviewer has added the extra continuing calibration check standards on the summary form and has included the form in the Organic Data Support Documentation (Section 3) of this QA review.

20. The laboratory performed a PEM standard analysis on 12/8/96 at 16:46 during the pesticide/PCB initial instrument calibration. The laboratory usually calculates a percent breakdown for endrin and 4,4-DDT for the PEM standards. However, in this instance, the laboratory did not calculate the breakdowns for these two compounds for the PEM on the Rtx®-5 column. The data reviewer has used the raw data to calculate the percent

breakdowns for 4,4-DDT and endrin for this PEM and has verified that the breakdowns for each compound were less than 30%.

21. The initial calibration summary forms for the Rtx®-1701 and Rtx®-5 columns for the initial calibration performed on 12/8/96 indicates responses (peak areas) for the Level 3 INDB standard compounds which are different than those given in the raw data for the INDB standards (analyzed on 12/8/96 at 23:19). The difference between the reported responses and the observed responses are greater than 10% for all compounds in the INDB standard. Data is not affected by this issue since no positive results were reported for any target compound in the samples.

22. The pesticide analytical sequence for the samples analyzed on 12/12/96 and 12/13/96 lists three samples as "MW000RFIMW-28". The first of these samples, analyzed for pesticide/PCB compounds on 12/12/96 at 13:47, is actually project sample MW000RFIMW-28. The other two samples are the matrix spike and matrix spike duplicate analyses of sample MW000RFIMW-28 (analyzed on 12/12/96 at 14:36 and 18:42, respectively). The data reviewer has modified the analytical sequence summary to differentiate between the samples and has included the form in the Organic Data Support Documentation (Section 3) of this QA review.

23. A comparison of the chromatograms for the PEM standards analyzed on 8/12/96 at 16:46 on the Rtx®-1701 column, on 12/11/96 at 14:36 on the Rtx®-5 and the Rtx®-1701 columns, and on 12/13/96 at 13:57 on the Rtx®-1701 column with the chromatograms for the corresponding INDA and INDB initial calibration standards shows that breakdown products of 4,4-DDT and endrin are present in the PEM standard analyses, but the instrument software did not integrate the peaks and, therefore, the percent breakdowns for these PEM standards were not calculated using the peak areas for all breakdown products. Data is not affected by this issue since the chromatograms demonstrate that the peak areas for the breakdown products are no greater than 30% those of the original compound (4,4-DDT or endrin).

Noncorrectable Deficiencies

1. According to the laboratory Cooler Receipt Form, the project samples listed on Chain-of-Custody Records #20035 and 20037 were received at the laboratory on 11/20/96 at 6.6°C. In addition, the project samples listed on Chain-of-Custody Records #20036 and 20038 were received at the laboratory on 11/21/96 between 6.1°C and 7.2°C. The temperature of the samples received on 11/21/96 at 6.8°C was measured "between bottles." These temperatures are above the 4±2°C required temperature for sample preservation (SW-846, Chapter Four, Table 4-1); however, in the data reviewer's opinion, the temperature reading "between bottles" is not an accurate measurement of the temperature of the actual sample

bottles. In addition, the temperatures (< 10°C) are not high enough to warrant qualification of the samples for the volatile analyses. There is no impact on data quality due to this issue.

2. According to the BASF RFI QAPP (Table 3-2), the laboratory was required to utilize the surrogate compounds 4-bromofluorobenzene, toluene-d_8, and dibromofluoromethane in the samples analyzed by SW-846 Method 8260A. However, the laboratory utilized the surrogate compound 1,2-dicloroethane-d_4 instead of the surrogate compound dibromofluoromethane in the samples analyzed by SW-846 Method 8260A. There is no impact on data usability due to this issue.

Comments

1. The precision and accuracy QC limits reported by the laboratory on the matrix spike and LCS forms and the QC limits reported by the laboratory for all surrogate compounds on the Surrogate Recovery Forms differ from those reported on Tables 3-1 and 3-2 of the BASF QAPP. Upon investigation as to why the QC limits differ, it was discovered that the laboratory limits are subject to change and that those limits reported in the QAPP reflect the laboratory QC limits at the time the QAPP was prepared. Discussions between representatives from Quanterra and US EPA Region V have resulted in an agreement that the laboratory's recovery limits are subject to change, and Tables 3-1 and 3-2 of the BASF QAPP are in the process of being updated to reflect this situation. The laboratory-reported recovery limits (not the limits specified on Tables 3-1 and 3-2 of the BASF QAPP [Revision 2, May 1996]) have been used to assess data quality. Refer to Section 6 of this report for documentation regarding this issue.

2. In the semivolatile fraction, the compounds 3-methylphenol and 4-methylphenol could not be separated chromatographically nor differentiated spectrally for sample MW000RFIMW-28. The impact on the semivolatile data quality due to this issue is addressed in the Organic Data Qualifiers section.

3. As stated in the Laboratory Case Narrative for the volatile fraction, sample MW000RFIMW-28 was received at the laboratory with a pH value > 2.0.

4. In the semivolatile fraction, the Initial Calibration Data summary form for the initial calibration analyzed on 9/6/96 between 12:35 and 17:56 was illegible due to poor photocopy quality. The data reviewer was able to obtain a legible copy of the form from another SDG.

5. In the volatile and semivolatile fractions, internal standard (IS) areas and retention times (RTs) for the continuing calibration standards used for the quantitation of the additional

Appendix IX compounds were not listed on the associated Form VIII VOA and Form VIII SV-1. The data reviewer has compared the IS areas and RTs of the samples in the SDG to the IS areas and RTs of these continuing calibration standards and has confirmed that the IS areas and RTs of all samples were acceptable for both fractions. There is no impact on data usability due to this issue.

6. In the pesticide fraction, the laboratory reported the quantitation limit for toxaphene as 1.2 µg/l instead of the QAPP-required 1.0 µg/l (Table 7-4). In discussions with the laboratory, it was discovered that the laboratory's lowest reporting limit for toxaphene (aqueous) is 1.2 µg/l and that reporting below 1.2 µg/l could not be done reliably. Therefore, the reporting limit of 1.2 µg/l, instead of the QAPP-required reporting limit of 1.0 µg/l, is present on the organic data tables (Section 2).

7. As stated in the Case Narrative for Lot # A6K200114, sample MW000RFIMW-29 was diluted by a factor of 20 in the herbicides analysis due to matrix interferences in the sample. Consequently, the recoveries for surrogate compound 2,4-dichlorophenylacetic acid were not used to qualify analytical results. It should be noted that field duplicate sample MW000RFIMW-29D was noted diluted for the herbicides analysis, and good recoveries were obtained for the surrogate compound.

8. In the herbicides fraction, the laboratory reported the recoveries for the surrogate compound from the Rtx®-1701 column from the dual-column analysis of the LCS, matrix spike and matrix spike duplicate analyses, and all project samples, except for samples MW000RFIMW-28, MW000RFIMW-29, and MW000RFIMW-29D, but from the Rtx®-05 column for the analysis of the method blank and samples MW000RFIMW-28, MW000RFIMW-29, and MW000RFIMW-29D. It should be noted that, per the method, the laboratory is apparently free to choose which column to call the primary column and which to call the confirmation column, as long as the columns display acceptable performance.

9. The laboratory reported an equation of $y = 3.77581 - 0.00008x + (4.581e^{-10})x^2$ (producing results in ng) for the calibration curve for kepone on the Rtx®-1701 column in the pesticides/PCBs analysis. This is not a good calibration curve for the reason that the *y*-intercept for the curve (the initial coefficient) is 3.77581 ng, which is 47 times the lowest calibration standard concentration and 755 times the reporting limit for kepone (0.050 µg/l, converted to ng). In addition, the data reviewer could not duplicate the reported results for kepone in the continuing calibration checks for the Rtx®-1701 column. The laboratory should have recalibrated the instrument for kepone on this analytical column to obtain a good calibration curve. Data is not affected by this issue, since a good calibration curve was obtained on the Rtx®-5 column, and no positive results for kepone were observed in the Rtx®-5 column analysis of the project samples.

10. The laboratory did not provide a chromatogram for the Rtx®-5 column analysis of the INDB Level 1 standard analyzed on 12/8/96 at 21:41 as part of the pesticides/PCBs initial calibration. Upon notification, the laboratory provided the missing information.

11. The data package submitted for validation for Lot # A6K200114 did not include the quantitation report for the Aroclor-1242 mid-level continuing calibration standard analyzed on 12/13/96 at 15:35 on the Rtx®-1701 column for the pesticides/PCBs analysis. Upon notification, the laboratory provided the missing information.

12. The laboratory did not include the Rtx®-1701 column raw data (quantitation report, Recovery Report, or the chromatogram) for the LCS analyzed on 12/13/96 at 18:51 in the pesticides/PCBs analysis. Upon notification, the laboratory provided the missing information.

With regard to data usability, the principal areas of concern include exceeded holding time of an unpreserved sample, calibration issues, air bubbles in the trip blank, quantitative compound identification problems, surrogate recoveries, and quantitation of positive results below the quantitation limit. Based upon a review of the data package provided, the following data qualifiers are offered. It should be noted that the following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to the sample matrix problems. Similarly, the validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the following data usability issues should <u>not</u> necessarily be construed as an indication of laboratory performance.

<u>Organic Data Qualifiers</u>

- Although there is no direct reason to qualitatively question the positive results for methylene chloride in sample MW000RFIMW-24 and for diethylphthalate in sample MW000P-34N, these compounds are very common laboratory and/or field contaminants. Accordingly, caution should be exercised when using these results.

- The analyses for acetone, acrolein, acetonitrile, acrylonitrile, isobutyl alcohol, propionitrile, methacrylonitrile, 1,3,5-trinitrobenzene, and methapyrilene in all samples are unusable, and the "not-detected" results have been flagged "UR" on the data tables. Very low (<0.05) RRFs were observed for these compounds in the associated initial and/or continuing calibration standards.

- The analyses for all volatile compounds in sample TB-11/19/96 are unusable, and the "not-detected" results have been flagged "UR" on the data tables. Air bubbles were observed in

the sample vial of this trip blank which might have caused volatilization of the target compounds.

- The actual quantitation limits for the compounds listed in the samples below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. High percent drifts (>25%) were observed for these compounds in the associated continuing calibration standard.

Compound(s)	Sample(s)
propionitrile	MW000RFIMW-24, MW000RFIMW-25, MW000RFIMW-26, MW000RFIMW-27, RS000RFIMW-27, MW000RFIMW-29, MW000RFIMW-29D, MW000P-34N, and TB-11/19/96
isobutyl alcohol	MW000RFIMW-26, MW000RFIMW-29, MW000RFIMW-29D, and MW000P-34N
vinyl acetate, acrolein, and acrylonitrile	MW000RFIMW-28
a,a-dimethylphenethylamine, methapyrilene, and 3-methylcholanthrene	All Samples

- The actual quantitation limits for aromatic volatile compounds in sample MW000RFIMW-28 may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. This unpreserved sample (pH >2) was analyzed outside the *Federal Register* holding time of 7 days from sample collection to sample analysis.

- The compounds 3-methylphenol and 4-methylphenol were not resolved under the chromatography conditions for sample MW000RFIMW-28. In addition, these isomers have indistinguishable mass spectra. The laboratory calculated and reported the values for these coeluting isomers as both 3-methylphenol and 4-methylphenol on the Form I's. Because each of the reported 3-methylphenol and 4-methylphenol results for sample MW000RFIMW-28 may represent the concentration of both isomers or of only one of the isomers, these positive results for 3-methylphenol and 4-methylphenol should be considered estimated and presumptively present and have been flagged "JN" on the data tables. The Environmental Standards, Inc. (Environmental Standards) data reviewer included the quantitation report and appropriate chromatograms in the Organic Data Support Documentation (Section 3).

- The reporting limits for all pesticide/PCB compounds in all samples of Lot # A6K200114, except sample RS000RFIMW-27, and all samples in Lot #A6K210132

may be higher than those reported by the laboratory, and the "not-detected" results for the compounds in the samples have been flagged "UJ" on the data summary tables. Low recoveries (<60%) were reported for surrogate compound decachlorobiphenyl in the pesticides/PCBs analysis of the samples on both of the analytical columns used for analysis.

- The quantitation limits for all herbicide compounds in sample MW000RFIMW-26 may be biased low, and the "not-detected" results for all compounds in the sample have been flagged "UJ" on the data tables. Low recoveries (<30%) were reported for surrogate compound 2,4-dichlorophenylacetic acid on both analytical columns for the sample.

- One pair of field duplicates was reported in the data package provided (sample MW000RFIMW-29 and its field duplicate, MW000RFIMW-29D) for the volatile and semivolatile analyses. Good precision was observed between the sample results for the volatile and semivolatile fractions in that no positive results were reported for either fraction.

- According to reporting conventions, the positive results for compounds reported below the sample-specific quantitation limit should be considered estimated and have been flagged "J" on the data tables.

A complete data support documentation of this organic QA review is provided in Section 3 of this report. The cover sheet for this section is a checklist of all of the QA procedures required by the analytical protocols and examined in this data review.

B. Inorganic and Wet Chemistry Data

The inorganic and wet chemistry analyses of 11 samples (including QC samples) were performed by Quanterra. These samples were collectively analyzed for total and dissolved metals by SW-846 Methods 6010A and 7471A, for total cyanide by SW-846 Method 9012, and for acid-insoluble sulfide by SW-846 Method 9030A, as specified in Table 1. The data was received in one data package. The analytical results are presented in Section 2 of this report.

The findings in this report are based upon a rigorous review of sample holding times, condition of samples upon receipt, blank analysis results, LCS recoveries, matrix spike and matrix spike duplicate recoveries, serial dilution results, inductively coupled plasma (ICP) interference check samples, instrument sensitivity, instrument detection limits, calibrations, contract-required detection limit (CRDL) standards, sample preparation, total versus dissolved results, and the quantitation of positive results.

Several deficiencies were identified as follows. The data reviewer has included copies of all relevant raw data, QC forms, and other documentation needed to support any changes made to the data package in the Inorganic and Wet Chemistry Data Support Documentation (Section 4) of this report. It should be emphasized that the following items do not necessarily affect data usability. Usability issues are addressed in a subsequent section.

Correctable Deficiencies

1. In the cyanide analysis, the laboratory did not report the continuing calibration standard peak number 35 on the Initial and Continuing Calibration Verification summary form. These standards bracket samples C6W82MS and C6W82MSD (batch QC). The data reviewer has verified that the recovery was within the required QC limits. The data reviewer has corrected the summary form and included it and its associated raw data in the Inorganic and Wet Chemistry Data Support Documentation (Section 4).

2. The laboratory reported the incorrect analysis times for a majority of the project samples, as well as QC samples run for tin on the ICP instrument ARL/I4 on the analysis run log. The data reviewer has corrected the times based on the raw data and included the analysis run log in the Inorganic and Wet Chemistry Data Support Documentation (Section 4).

3. The laboratory reported the incorrect analysis dates for samples MW000RFIMW-26(U), MW000RFIMW-26(F), MW000RFIMW-27(U), MW000RFIMW-28(F), and MW000RFIMW-28(U) on the Environmental Science and Eng. Analysis Report summary forms as 1/2/97. According to the raw data, the correct analysis date for all of the aforementioned samples is 1/6/97. The data reviewer has corrected the Analysis Report summary forms and included them and their associated raw data in the Inorganic and Wet Chemistry Data Support Documentation (Section 4).

4. For the cyanide analysis, the raw data for sample C6X1R, the corresponding duplicate sample, and the matrix spike sample were not supplied in the associated data package. The referenced sample was not a project sample and, therefore, the raw data was not provided in the data package. The data reveiwer has reveiwed the summarized results provided by the laboratory for these samples and has evaluated data quality according to this summarized data. However, the validity of the summarized data could not be checked against the appropriate raw data.

Noncorrectable Deficiency

- According to the laboratory Cooler Receipt Form, the project samples listed on Chain-of-Custody Records #20036 and 20038 were received at the laboratory on 11/21/96 between

6.8°C and 7.2°C. The temperature of the samples at 6.8°C was measured "against bottles." These temperatures are above the 4±2°C required temperature for sample preservation (SW-846, Chapter Two, Table 2-16); however, in the data reviewer's opinion, the temperature reading "between bottles" is not an accurate measurement of the temperature of the actual sample bottles. The data reviewer assumes that the temperature of the samples is that of the temperature between the bottles. In the data reviewer's opinion, the temperature is not high enough to warrant qualification of the samples analyzed for total metals, cyanide, or acid insoluble sulfides.

Comments

1. The laboratory used the instrument detection limits (IDLs) to determine the "not-detected" results for the calibration blanks, while the project-required reporting limits were used to determine the "not-detected" results for the laboratory preparation blanks and the project samples.

2. According to the raw data, cadmium contamination was observed in the stock solution used to prepare the ICP interference check sample solution ICSA; therefore, the data reviewer did not use the positive results for cadmium in the ICSA to evaluate the analytical data for positive interference.

3. The project samples MW000RFIMW-24 and MW000RFIMW-25 were analyzed for cyanide at 5-fold dilutions due to matrix interference. Also, the project samples MW000RFIMW-27(U) and MW000RFIMW-27(F) were analyzed for tin at 2-fold dilutions due to matrix interference. The reporting limits for the aforementioned analytes in these samples were raised accordingly.

4. The laboratory did not report the results for the interfering elements (Al, Ca, Fe, and Mg) on the ICP Interference Check Sample summary form (Form IV). The interfering elements are not target analytes for these samples; however, the observed concentrations are reported by the laboratory in the raw data. The data reviewer has evaluated the samples for these interfering elements.

With regard to data usability, the principal areas of concern include blank contamination, low matrix spike and matrix spike duplicate recoveries, ICP serial dilution results, ICP interference, poor CRDL standard recoveries, dissolved metals results greater than the total metals results, and poor field duplicate precision. Based upon a review of the data package provided, the following data qualifiers are offered. It should be noted that the following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to the sample matrix problems. Similarly, the validation guidelines routinely

specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the following data usability issues should not necessarily be construed as an indication of laboratory performance.

Inorganic and Wet Chemistry Data Qualifiers

- Due to the trace-level presence of arsenic and zinc in the laboratory blanks, the positive results for arsenic in samples MW000RFIMW-24(U), MW000RFIMW-27(U&F), MW000RFIMW-29D(U), and MW000P-34N(F) and for zinc in samples MW000RFIMW-24(U), MW000RFIMW-25(F), MW000RFIMW-27(U&F), MW000RFIMW-28(F), and MW000RFIMW-29(U) should be considered "not-detected" and have been flagged "U*" on the data tables.

- The reported positive results for barium in samples MW000RFIMW-29(U) and MW000RFIMW-29(F) should be considered unreliable and have been flagged "R" on the data tables. A comparison of the total metal results and dissolved metal results revealed dissolved metal results which were significantly greater than the total metal results for this analyte. In addition, the reported positive results for barium in samples MW000RFIMW-29D(U) and MW000RFIMW-29D(F) should be considered estimated and have been flagged "J" on the data tables. A comparison of the total metal results and dissolved metal results revealed dissolved metal results which were greater than the total metal results for this analyte.

- The reported positive results for cyanide in samples MW000RFIMW-24 and MW000RFIMW-25 should be considered estimated and have been flagged "J" on the data tables. A very low percent recovery (<30%) was observed for cyanide in the associated matrix spike and matrix spike duplicate analyses.

- The actual detection limit for zinc in sample MW000RFIMW-29D(F) and for selenium in sample MW000RFIMW-29D(U) may be higher than reported, and the "not-detected" result has been flagged "UJ" on the data tables. In addition, the reported positive results for arsenic in samples MW000RFIMW-27(U&F); for antimony in samples MW000RFIMW-29D(U&F); for zinc in sample MW000RFIMW-29D(U) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Low recoveries (<85%) were observed for these analytes in the associated CRDL standards.

- The reported positive result for copper in sample MW000RFIMW-26(F) and for cadmium in samples MW000RFIMW-28(U&F) should be considered estimated and has been flagged "J" on the data tables. Copper and cadmium were observed to be present in the ICP interference check sample ICSA solution at concentrations greater than 2×IDL, indicating an interference in the presence of high level interferents. High levels of calcium and/or

magnesium (>50% of the true values of calcium and magnesium in ICSA solution) were observed in the aforementioned samples. Furthermore, the reported positive results for these analytes may be attributed solely to ICP interference (instrument level of sample ≤5× the observed concentration in the ICSA).

- The actual detection limits for zinc in sample MW000RFIMW-26(F) and for chromium in samples MW000RFIMW-26(F), MW000RFIMW-27(F), and MW000RFIMW-28(F) may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for zinc in samples MW000RFIMW-27(U&F), MW000RFIMW-28(F), and MW000RFIMW-29(U) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Zinc and chromium were observed to be present in the ICP interference check sample ICSA solution at negative concentrations with an absolute value greater than 2×IDL, indicating a possible negative interference in the presence of high levels of interferents. High levels of calcium and/or magnesium (instrument level of calcium and magnesium >50% of the true values of the ICSA solution) were observed in the aforementioned samples.

- The reported positive results for barium, nickel, vanadium, chromium, and zinc in all total samples should be considered estimated and have been flagged "J" (unless previously flagged "U*" or "R") on the data tables. High percent differences (>10%) were observed for these analytes in the associated ICP serial dilution.

- One field duplicate pair was included in SDG A6K210132 [sample MW000RFIMW-29(U) and its field duplicate, MW000RFIMW-29D(U) and sample MW000RFIMW-29(F) and its field duplicate, MW000RFIMW-29D(F)]. This field duplicate pair displayed good precision for all analytes, except for arsenic, barium, lead, copper, nickel, zinc, and chromium. Therefore, the reported positive results for arsenic, barium, lead, copper, nickel, zinc, and chromium in samples MW000RFIMW-29(U) and MW000RFIMW-29D(U) should be considered estimated and have been flagged "J" (unless previously flagged "U*" or "R") on the data tables. A complete summary of the evaluation of inorganic field duplicate analysis precision is supplied in the Inorganic Data Support Documentation (Section 4).

A complete data support documentation of this inorganic and wet chemistry QA review is provided in Section 4 of this report. The cover sheet for this section is a checklist of all of the QA procedures required by the analytical protocols and examined in this data review.

C. Conclusions

This QA review has identified several aspects of the analytical data that required qualification. Several of the organic data were qualified due to calibration issues, exceeded holding time of an unpreserved sample, air bubbles in the project sample vials, quantitative compound identification problems, and quantitation of positive results below the quantitation limit. Several of the inorganic data were qualified due to blank contamination, low matrix spike and matrix spike duplicate recoveries, ICP serial dilution results, ICP interference, poor CRDL standard recoveries, dissolved metal results greater than the total metal results, and poor field duplicate precision. To confidently use any of the analytical data within this sample set, the data user should understand the limitations of the results. The Laboratory Case Narrative and Project Chain-of-Custody records are presented in Section 5. The Project Correspondence is presented in Section 6.

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SECTION 2

ANALYTICAL RESULTS

ORGANIC DATA TABLE NOTES

U	This compound was not detected at or above the associated numerical value.
U*	This compound should be considered "not-detected" since it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
R	Unusable result; compound may or may not be present in this sample.
UJ	This compound was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.
UR	Unusable "not-detected" result; compound may or may not be present in this sample.
N	This result should be considered a tentative qualitative identification.

INORGANIC AND WET CHEMISTRY DATA TABLE NOTES

U	This analyte was not detected at or above the associated numerical value.
U*	This analyte should be considered "not-detected" since it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
R	Unusable result; analyte may or may not be present in this sample.
UJ	This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.
UR	Unusable "not-detected" result; analyte may or may not be present in this sample.

BASF - Final, V[illegible]tile Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		11	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U

BASF - Final, Volatile Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L	0.45	1	J		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

					RS000RFIMW-27			TB-11/19/96		
					A6K200114005			A6K200114006		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	UR
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	UR
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	UR
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	UR
9	75252	Bromoform	8260A	ug/L		1	U		1	UR
10	74839	Bromomethane	8260A	ug/L		1	U		1	UR
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	UR
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	UR
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	UR
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	UR
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	UR
16	75003	Chloroethane	8260A	ug/L		1	U		1	UR
17	67663	Chloroform	8260A	ug/L		1	U		1	UR
18	74873	Chloromethane	8260A	ug/L		1	U		1	UR
19	74953	Dibromomethane	8260A	ug/L		1	U		1	UR
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	UR
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	UR
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	UR
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	UR
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	UR

					RS000RFIMW-27			TB-11/19/96		
					A6K200114005			A6K200114006		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	UR
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	UR
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	UR
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	UR
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	UR
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	UR
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	UR
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	UR
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	UR
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	UR
35	591786	2-Hexanone	8260A	ug/L		10	U		10	UR
36	74884	Iodomethane	8260A	ug/L		10	U		10	UR
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		1	UR
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	UR
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	UR
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	UR
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	UR
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	UR
46	108883	Toluene	8260A	ug/L		1	U		1	UR
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	UR
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	UR

					RS000RFIMW-27			TB-11/19/96		
					A6K200114005			A6K200114006		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
49	79016	Trichloroethene	8260A	ug/L		1	U		1	UR
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	UR
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	UR
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	UR
53	95476	o-Xylene	8260A	ug/L		1	U		1	UR
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	UR
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	UR
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	UR

BASF - Final, Volatile Analytical Results

					BASF					
					A6K210132					
					MW000P-34N			MW000RFIMW-28		
					A6K210132004			A6K210132001		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		5	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		50	U
3	67641	Acetone	8260A	ug/L		10	UR		50	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		500	UR
5	107028	Acrolein	8260A	ug/L		10	UR		50	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		50	UR
7	71432	Benzene	8260A	ug/L		1	U		5	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	U		5	U
9	75252	Bromoform	8260A	ug/L		1	U		5	U
10	74839	Bromomethane	8260A	ug/L		1	U		5	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		5	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		5	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		5	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		5	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		100	U
16	75003	Chloroethane	8260A	ug/L		1	U		5	U
17	67663	Chloroform	8260A	ug/L		1	U		5	U
18	74873	Chloromethane	8260A	ug/L		1	U		5	U
19	74953	Dibromomethane	8260A	ug/L		1	U		5	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		5	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		5	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		5	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		5	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		10	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		5	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		5	U

BASF - Final, Volatile Analytical Results

					BASF					
					A6K210132					
					MW000P-34N			MW000RFIMW-28		
					A6K210132004			A6K210132001		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		5	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		5	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		5	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		5	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		5	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		5	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		5	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		5	U
35	591786	2-Hexanone	8260A	ug/L		10	U		50	U
36	74884	Iodomethane	8260A	ug/L		10	U		50	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		2,500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		100	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		5	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		5	U
41	107120	Propionitrile	8260A	ug/L		100	UR		500	UR
42	100425	Styrene	8260A	ug/L		1	U		5	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		5	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		5	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		5	U
46	108883	Toluene	8260A	ug/L		1	U		5	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		5	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		5	U
49	79016	Trichloroethene	8260A	ug/L		1	U		5	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		5	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		50	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		5	U

BASF - Final, V[illegible]tile Analytical Results

					BASF					
					A6K210132					
					MW000P-34N			MW000RFIMW-28		
					A6K210132004			A6K210132001		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		5	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		5	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		50	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		50	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		5	UJ

BASF - Final, Volatile Analytical Results

					MW000RFIMW-29			MW000RFIMW-29D		
					A6K210132002			A6K210132003		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

					MW000RFIMW-29			MW000RFIMW-29D		
					A6K210132002			A6K210132003		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-29			MW000RFIMW-29D		
					A6K210132002			A6K210132003		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

BASF - Final, V[redacted]tile Analytical Results

					BASF					
					A6J010134					
					MW000PM1NB			MW000PM3NB		
					A6J010134008			A6J010134003		
					10/01/96			09/30/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		1	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	UJ		10	UJ
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	UJ		1	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	UJ		1	UJ
9	75252	Bromoform	8260A	ug/L		1	UJ		1	UJ
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L	3.1	1	J	0.63	1	J
12	56235	Carbon tetrachloride	8260A	ug/L		1	UJ		1	UJ
13	108907	Chlorobenzene	8260A	ug/L		1	UJ		1	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	UJ		1	UJ
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UJ		20	UJ
16	75003	Chloroethane	8260A	ug/L		1	UJ		1	UJ
17	67663	Chloroform	8260A	ug/L		1	UJ		1	UJ
18	74873	Chloromethane	8260A	ug/L		1	UJ		1	UJ
19	74953	Dibromomethane	8260A	ug/L		1	UJ		1	UJ
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UJ		1	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UJ		1	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UJ		1	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UJ		1	UJ
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UJ		2	UJ
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UJ		1	UJ
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UJ		1	UJ

BASF - Final, Volatile Analytical Results

					BASF					
					A6J010134					
					MW000PM1NB			MW000PM3NB		
					A6J010134008			A6J010134003		
					10/01/96			09/30/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UJ		1	UJ
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UJ		1	UJ
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UJ		1	UJ
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	UJ
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	UJ
32	100414	Ethylbenzene	8260A	ug/L		1	UJ		1	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	UJ		1	UJ
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UJ		1	UJ
35	591786	2-Hexanone	8260A	ug/L		10	UJ		10	UJ
36	74884	Iodomethane	8260A	ug/L		10	UJ		10	UJ
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UJ		20	UJ
39	75092	Methylene chloride	8260A	ug/L		1	UJ		1	UJ
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UJ		1	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	UJ
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	UJ
45	127184	Tetrachloroethene	8260A	ug/L		1	UJ		1	UJ
46	108883	Toluene	8260A	ug/L		1	UJ		1	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UJ		1	UJ
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UJ		1	UJ
49	79016	Trichloroethene	8260A	ug/L		1	UJ		1	UJ
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UJ		1	UJ
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	UJ		1	UJ

BASF - Final, Volatile Analytical Results

					BASF					
					A6J010134					
					MW000PM1NB			MW000PM3NB		
					A6J010134008			A6J010134003		
					10/01/96			09/30/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	UJ		1	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UJ		1	UJ
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UJ		10	UJ
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UJ		10	UJ
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UJ		1	UJ

BASF - Final, Volatile Analytical Results

					MW000RFIMW-18 (MS/MSD)			MW000RFIMW-21		
					A6J010134005			A6J010134004		
					09/30/96			09/30/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		6.2	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	UJ		62	UJ
3	67641	Acetone	8260A	ug/L		10	UR	2,100	62	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		620	UR
5	107028	Acrolein	8260A	ug/L		10	UR		62	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		62	UR
7	71432	Benzene	8260A	ug/L		1	UJ		6.2	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	UJ		6.2	UJ
9	75252	Bromoform	8260A	ug/L		1	UJ		6.2	UJ
10	74839	Bromomethane	8260A	ug/L		1	UJ		6.2	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	UJ		6.2	UJ
12	56235	Carbon tetrachloride	8260A	ug/L		1	UJ		6.2	UJ
13	108907	Chlorobenzene	8260A	ug/L		1	UJ		6.2	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	UJ		6.2	UJ
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UJ		120	UJ
16	75003	Chloroethane	8260A	ug/L		1	UJ		6.2	UJ
17	67663	Chloroform	8260A	ug/L		1	UJ		6.2	UJ
18	74873	Chloromethane	8260A	ug/L		1	UJ		6.2	UJ
19	74953	Dibromomethane	8260A	ug/L		1	UJ		6.2	UJ
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UJ		6.2	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UJ		6.2	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UJ		6.2	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UJ		6.2	UJ
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UJ		12	UJ
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UJ		6.2	UJ
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UJ		6.2	UJ

					MW000RFIMW-18 (MS/MSD)			MW000RFIMW-21		
					A6J010134005			A6J010134004		
					09/30/96			09/30/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UJ		6.2	UJ
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UJ		6.2	UJ
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UJ		6.2	UJ
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UJ		6.2	UJ
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UJ		6.2	UJ
32	100414	Ethylbenzene	8260A	ug/L		1	UJ		6.2	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	UJ		6.2	UJ
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UJ		6.2	UJ
35	591786	2-Hexanone	8260A	ug/L		10	UJ		62	UJ
36	74884	Iodomethane	8260A	ug/L		10	UJ		62	UJ
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		3,100	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UJ		120	UJ
39	75092	Methylene chloride	8260A	ug/L		1	UJ		6.2	UJ
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		6.2	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		620	UR
42	100425	Styrene	8260A	ug/L		1	UJ		6.2	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UJ		6.2	UJ
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UJ		6.2	UJ
45	127184	Tetrachloroethene	8260A	ug/L		1	UJ		6.2	UJ
46	108883	Toluene	8260A	ug/L		1	UJ		6.2	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UJ		6.2	UJ
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UJ		6.2	UJ
49	79016	Trichloroethene	8260A	ug/L		1	UJ		6.2	UJ
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UJ		6.2	UJ
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		62	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	UJ		6.2	UJ

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					MW000RFIMW-18 (MS/MSD)			MW000RFIMW-21		
					A6J010134005			A6J010134004		
					09/30/96			09/30/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	UJ		6.2	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UJ		6.2	UJ
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UJ		62	UJ
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UJ		62	UJ
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UJ		6.2	UJ

					MW000RFIMW-23 (MS/MSD)			MW000RFIMW-29		
					A6J010134001			A6J010134009		
					09/30/96			10/01/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		1	UR
2	107051	3-Chloropropene	8260A	ug/L		10	UJ		10	UR
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	UJ		1	UR
8	75274	Bromodichloromethane	8260A	ug/L		1	UJ		1	UR
9	75252	Bromoform	8260A	ug/L		1	UJ		1	UR
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UR
11	75150	Carbon disulfide	8260A	ug/L		1	UJ		1	UR
12	56235	Carbon tetrachloride	8260A	ug/L		1	UJ		1	UR
13	108907	Chlorobenzene	8260A	ug/L		1	UJ		1	UR
14	124481	Chlorodibromomethane	8260A	ug/L		1	UJ		1	UR
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UJ		20	UR
16	75003	Chloroethane	8260A	ug/L		1	UJ		1	UR
17	67663	Chloroform	8260A	ug/L		1	UJ		1	UR
18	74873	Chloromethane	8260A	ug/L		1	UJ		1	UR
19	74953	Dibromomethane	8260A	ug/L		1	UJ		1	UR
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UJ		1	UR
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UJ		1	UR
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UJ		1	UR
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UJ		1	UR
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UJ		2	UR
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UJ		1	UR
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UJ		1	UR

BASF - Final, Volatile Analytical Results

					MW000RFIMW-23 (MS/MSD)			MW000RFIMW-29		
					A6J010134001			A6J010134009		
					09/30/96			10/01/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UJ		1	UR
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UJ		1	UR
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UJ		1	UR
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	UR
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	UR
32	100414	Ethylbenzene	8260A	ug/L		1	UJ		1	UR
33	97632	Ethyl methacrylate	8260A	ug/L		1	UJ		1	UR
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UJ		1	UR
35	591786	2-Hexanone	8260A	ug/L		10	UJ		10	UR
36	74884	Iodomethane	8260A	ug/L		10	UJ		10	UR
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UJ		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	UJ		1	UR
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UR
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UJ		1	UR
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	UR
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	UR
45	127184	Tetrachloroethene	8260A	ug/L		1	UJ		1	UR
46	108883	Toluene	8260A	ug/L		1	UJ		1	UR
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UJ		1	UR
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UJ		1	UR
49	79016	Trichloroethene	8260A	ug/L		1	UJ		1	UR
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UJ		1	UR
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	UR
52	75014	Vinyl chloride	8260A	ug/L		1	UJ		1	UR

					MW000RFIMW-23 (MS/MSD)			MW000RFIMW-29		
					A6J010134001			A6J010134009		
					09/30/96			10/01/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	UJ		1	UR
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UJ		1	UR
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UJ		10	UR
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UJ		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UJ		1	UR

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					MW000RFIMW-30			RS000PM1NB		
					A6J010134010			A6J010134007		
					10/01/96			10/01/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UR		1	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	UR		10	UJ
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	UR		1	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	UR		1	UJ
9	75252	Bromoform	8260A	ug/L		1	UR		1	UJ
10	74839	Bromomethane	8260A	ug/L		1	UR		1	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	UR		1	UJ
12	56235	Carbon tetrachloride	8260A	ug/L		1	UR		1	UJ
13	108907	Chlorobenzene	8260A	ug/L		1	UR		1	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	UR		1	UJ
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UR		20	UJ
16	75003	Chloroethane	8260A	ug/L		1	UR		1	UJ
17	67663	Chloroform	8260A	ug/L		1	UR		1	UJ
18	74873	Chloromethane	8260A	ug/L		1	UR		1	UJ
19	74953	Dibromomethane	8260A	ug/L		1	UR		1	UJ
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UR		1	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UR		1	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UR		1	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UR		1	UJ
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UR		2	UJ
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UR		1	UJ
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UR		1	UJ

					MW000RFIMW-30			RS000PM1NB		
					A6J010134010			A6J010134007		
					10/01/96			10/01/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UR		1	UJ
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UR		1	UJ
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UR		1	UJ
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UR		1	UJ
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UR		1	UJ
32	100414	Ethylbenzene	8260A	ug/L		1	UR		1	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	UR		1	UJ
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UR		1	UJ
35	591786	2-Hexanone	8260A	ug/L		10	UR		10	UJ
36	74884	Iodomethane	8260A	ug/L		10	UR		10	UJ
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UJ
39	75092	Methylene chloride	8260A	ug/L		1	U*		1	UJ
40	80626	Methyl methacrylate	8260A	ug/L		1	UR		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UR		1	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UR		1	UJ
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UR		1	UJ
45	127184	Tetrachloroethene	8260A	ug/L		1	UR		1	UJ
46	108883	Toluene	8260A	ug/L		1	UR		1	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UR		1	UJ
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UR		1	UJ
49	79016	Trichloroethene	8260A	ug/L		1	UR		1	UJ
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UR		1	UJ
51	108054	Vinyl acetate	8260A	ug/L		10	UR		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	UR		1	UJ

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					MW000RFIMW-30			RS000PM1NB		
					A6J010134010			A6J010134007		
					10/01/96			10/01/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	UR		1	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UR		1	UJ
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UR		10	UJ
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UJ
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UR		1	UJ

					TB-10/1/96			TB-9/30/96		
					A6J010134011			A6J010134006		
					10/01/96			09/30/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UR		1	UR
2	107051	3-Chloropropene	8260A	ug/L		10	UR		10	UR
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	UR		1	UR
8	75274	Bromodichloromethane	8260A	ug/L		1	UR		1	UR
9	75252	Bromoform	8260A	ug/L		1	UR		1	UR
10	74839	Bromomethane	8260A	ug/L		1	UR		1	UR
11	75150	Carbon disulfide	8260A	ug/L		1	UR		1	UR
12	56235	Carbon tetrachloride	8260A	ug/L		1	UR		1	UR
13	108907	Chlorobenzene	8260A	ug/L		1	UR		1	UR
14	124481	Chlorodibromomethane	8260A	ug/L		1	UR		1	UR
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UR		20	UR
16	75003	Chloroethane	8260A	ug/L		1	UR		1	UR
17	67663	Chloroform	8260A	ug/L		1	UR		1	UR
18	74873	Chloromethane	8260A	ug/L		1	UR		1	UR
19	74953	Dibromomethane	8260A	ug/L		1	UR		1	UR
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UR		1	UR
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UR		1	UR
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UR		1	UR
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UR		1	UR
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UR		2	UR
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UR		1	UR
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UR		1	UR

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					TB-10/1/96			TB-9/30/96		
					A6J010134011			A6J010134006		
					10/01/96			09/30/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UR		1	UR
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UR		1	UR
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UR		1	UR
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UR		1	UR
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UR		1	UR
32	100414	Ethylbenzene	8260A	ug/L		1	UR		1	UR
33	97632	Ethyl methacrylate	8260A	ug/L		1	UR		1	UR
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UR		1	UR
35	591786	2-Hexanone	8260A	ug/L		10	UR		10	UR
36	74884	Iodomethane	8260A	ug/L		10	UR		10	UR
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L	1.1	1	J		1	UR
40	80626	Methyl methacrylate	8260A	ug/L		1	UR		1	UR
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UR		1	UR
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UR		1	UR
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UR		1	UR
45	127184	Tetrachloroethene	8260A	ug/L		1	UR		1	UR
46	108883	Toluene	8260A	ug/L		1	UR		1	UR
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UR		1	UR
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UR		1	UR
49	79016	Trichloroethene	8260A	ug/L		1	UR		1	UR
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UR		1	UR
51	108054	Vinyl acetate	8260A	ug/L		10	UR		10	UR
52	75014	Vinyl chloride	8260A	ug/L		1	UR		1	UR

					TB-10/1/96			TB-9/30/96		
					A6J010134011			A6J010134006		
					10/01/96			09/30/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	UR		1	UR
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UR		1	UR
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UR		10	UR
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UR		1	UR

BASF - Final, Semivolatile Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	U
33	218019	Chrysene	8270B	ug/L		5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
50	122394	Diphenylamine	8270B	ug/L		10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	U
52	206440	Fluoranthene	8270B	ug/L		5	U		5	U
53	86737	Fluorene	8270B	ug/L		5	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	U
59	78591	Isophorone	8270B	ug/L		5	U		5	U
60	120581	Isosafrole	8270B	ug/L		10	U		10	U
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UJ		100	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	U
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	U
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	U
69	91203	Naphthalene	8270B	ug/L		5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	U

BASF - Final, Semivolatile Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	U
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	U
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nit. osodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		5	U
97	109068	2-Picoline	8270B	ug/L		20	U		20	U

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	U

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	U
33	218019	Chrysene	8270B	ug/L		5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	U

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
50	122394	Diphenylamine	8270B	ug/L		10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	U
52	206440	Fluoranthene	8270B	ug/L		5	U		5	U
53	86737	Fluorene	8270B	ug/L		5	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	U
59	78591	Isophorone	8270B	ug/L		5	U		5	U
60	120581	Isosafrole	8270B	ug/L		10	U		10	U
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UJ		100	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	U
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	U
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	U
69	91203	Naphthalene	8270B	ug/L		5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	U

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	U
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	U
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		5	U
97	109068	2-Picoline	8270B	ug/L		20	U		20	U

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

					RS000RFIMW-27		
					A6K200114005		
					11/19/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U
2	60515	Dimethoate	8270B	ug/L		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U
6	62442	Phenacetin	8270B	ug/L		50	U
7	23950585	Pronamide	8270B	ug/L		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U
13	98862	Acetophenone	8270B	ug/L		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U
15	62533	Aniline	8270B	ug/L		10	U
16	120127	Anthracene	8270B	ug/L		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U

BASF - Final, Semivolatile Analytical Results

					RS000RFIMW-27		
					A6K200114005		
					11/19/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U
33	218019	Chrysene	8270B	ug/L		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U

					RS000RFIMW-27		
					A6K200114005		
					11/19/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
50	122394	Diphenylamine	8270B	ug/L		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U
52	206440	Fluoranthene	8270B	ug/L		5	U
53	86737	Fluorene	8270B	ug/L		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U
59	78591	Isophorone	8270B	ug/L		5	U
60	120581	Isosafrole	8270B	ug/L		10	U
61	91805	Methapyrilene	8270B	ug/L		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U
67	108394	3-Methylphenol	8270B	ug/L		10	U
68	106445	4-Methylphenol	8270B	ug/L		10	U
69	91203	Naphthalene	8270B	ug/L		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U

BASF - Final, Semivolatile Analytical Results

					RS000RFIMW-27		
					A6K200114005		
					11/19/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
74	99092	3-Nitroaniline	8270B	ug/L		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U
77	88755	2-Nitrophenol	8270B	ug/L		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U
80	88857	Dinoseb	8270B	ug/L		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U
96	108952	Phenol	8270B	ug/L		5	U
97	109068	2-Picoline	8270B	ug/L		20	U

					RS000RFIMW-27		
					A6K200114005		
					11/19/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
98	129000	Pyrene	8270B	ug/L		5	U
99	110861	Pyridine	8270B	ug/L		10	U
100	94597	Safrole	8270B	ug/L		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U

BASF - Final, Semivolatile Analytical Results

					BASF		
					A6K210132		
					MW000RFIMW-28		
					A6K210132001		
					11/20/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U
2	60515	Dimethoate	8270B	ug/L		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U
6	62442	Phenacetin	8270B	ug/L		50	U
7	23950585	Pronamide	8270B	ug/L		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U
13	98862	Acetophenone	8270B	ug/L		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U
15	62533	Aniline	8270B	ug/L		10	U
16	120127	Anthracene	8270B	ug/L		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U

BASF - Final, Semivolatile Analytical Results

					BASF		
					A6K210132		
					MW000RFIMW-28		
					A6K210132001		
					11/20/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U
33	218019	Chrysene	8270B	ug/L		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L	16	5	
43	131113	Dimethyl phthalate	8270B	ug/L		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U

BASF - Final, Semivolatile Analytical Results

					BASF		
					A6K210132		
					MW000RFIMW-28		
					A6K210132001		
					11/20/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
50	122394	Diphenylamine	8270B	ug/L		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U
52	206440	Fluoranthene	8270B	ug/L		5	U
53	86737	Fluorene	8270B	ug/L		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U
59	78591	Isophorone	8270B	ug/L		5	U
60	120581	Isosafrole	8270B	ug/L		10	U
61	91805	Methapyrilene	8270B	ug/L		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U
66	95487	2-Methylphenol	8270B	ug/L	3.3	5	J
67	108394	3-Methylphenol	8270B	ug/L	13	10	JN
68	106445	4-Methylphenol	8270B	ug/L	13	10	JN
69	91203	Naphthalene	8270B	ug/L		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U

BASF - Final, Semivolatile Analytical Results

					BASF		
					A6K210132		
					MW000RFIMW-28		
					A6K210132001		
					11/20/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
74	99092	3-Nitroaniline	8270B	ug/L		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U
77	88755	2-Nitrophenol	8270B	ug/L		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U
80	88857	Dinoseb	8270B	ug/L		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U
96	108952	Phenol	8270B	ug/L		5	U
97	109068	2-Picoline	8270B	ug/L		20	U

BASF - Final, Semivolatile Analytical Results

					BASF		
					A6K210132		
					MW000RFIMW-28		
					A6K210132001		
					11/20/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
98	129000	Pyrene	8270B	ug/L		5	U
99	110861	Pyridine	8270B	ug/L		10	U
100	94597	Safrole	8270B	ug/L		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U

BASF - Final, Pe[illegible]de Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.052	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.052	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.052	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.052	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.052	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.52	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.052	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.052	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.052	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.052	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.052	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.052	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.52	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.52	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.52	UJ		0.5	UJ

BASF - Final, Pesticide Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.52	UJ		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.52	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.52	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.3	UJ		1.2	UJ

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.057	UJ		0.052	UJ
2	319846	alpha-BHC	8080A	ug/L		0.057	UJ		0.052	UJ
3	319857	beta-BHC	8080A	ug/L		0.057	UJ		0.052	UJ
4	319868	delta-BHC	8080A	ug/L		0.057	UJ		0.052	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.057	UJ		0.052	UJ
6	57749	Chlordane	8080A	ug/L		0.57	UJ		0.52	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.057	UJ		0.052	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.057	UJ		0.052	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.11	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.11	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.11	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.11	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.057	UJ		0.052	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.11	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.11	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.11	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.11	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.057	UJ		0.052	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.057	UJ		0.052	UJ
20	465736	Isodrin	8080A	ug/L		0.057	UJ		0.052	UJ
21	143500	Kepone	8080A	ug/L		1.1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.57	UJ		0.52	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.57	UJ		0.52	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.57	UJ		0.52	UJ

BASF - Final, Pesticide Analytical Results

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.57	UJ		0.52	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.57	UJ		0.52	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.57	UJ		0.52	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1.1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1.1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.4	UJ		1.3	UJ

					RS000RFIMW-27		
					A6K200114005		
					11/19/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.062	U
2	319846	alpha-BHC	8080A	ug/L		0.062	U
3	319857	beta-BHC	8080A	ug/L		0.062	U
4	319868	delta-BHC	8080A	ug/L		0.062	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.062	U
6	57749	Chlordane	8080A	ug/L		0.62	U
7	5103719	alpha-Chlordane	8080A	ug/L		0.062	U
8	5103742	gamma-Chlordane	8080A	ug/L		0.062	U
9	72548	4,4'-DDD	8080A	ug/L		0.12	U
10	72559	4,4'-DDE	8080A	ug/L		0.12	U
11	50293	4,4'-DDT	8080A	ug/L		0.12	U
12	60571	Dieldrin	8080A	ug/L		0.12	U
13	959988	Endosulfan I	8080A	ug/L		0.062	U
14	33213659	Endosulfan II	8080A	ug/L		0.12	U
15	1031078	Endosulfan sulfate	8080A	ug/L		0.12	U
16	72208	Endrin	8080A	ug/L		0.12	U
17	7421934	Endrin aldehyde	8080A	ug/L		0.12	U
18	76448	Heptachlor	8080A	ug/L		0.062	U
19	1024573	Heptachlor epoxide	8080A	ug/L		0.062	U
20	465736	Isodrin	8080A	ug/L		0.062	U
21	143500	Kepone	8080A	ug/L		1.2	U
22	72435	Methoxychlor	8080A	ug/L		0.62	U
23	12674112	Aroclor 1016	8080A	ug/L		0.62	U
24	11104282	Aroclor 1221	8080A	ug/L		0.62	U

					RS000RFIMW-27		
					A6K200114005		
					11/19/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.62	U
26	53469219	Aroclor 1242	8080A	ug/L		0.62	U
27	12672296	Aroclor 1248	8080A	ug/L		0.62	U
28	11097691	Aroclor 1254	8080A	ug/L		1.2	U
29	11096825	Aroclor 1260	8080A	ug/L		1.2	U
30	8001352	Toxaphene	8080A	ug/L		1.5	U

BASF - Final, Pesticide Analytical Results

					BASF					
					A6K210132					
					MW000P-34N			*MW000RFIMW-28*		
					A6K210132004			A6K210132001		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide Analytical Results

					BASF					
					A6K210132					
					MW000P-34N			MW000RFIMW-28		
					A6K210132004			A6K210132001		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

					MW000RFIMW-29			MW000RFIMW-29D		
					A6K210132002			A6K210132003		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide Analytical Results

					MW000RFIMW-29			MW000RFIMW-29D		
					A6K210132002			A6K210132003		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

BASF - Final, Herbicide Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	UJ		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	UJ		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	UJ		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	UJ		1	U

					RS000RFIMW-27		
					A6K200114005		
					11/19/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U

BASF - Final, Herbicide Analytical Results

					BASF					
					A6K210132					
					MW000P-34N			MW000RFIMW-28		
					A6K210132004			A6K210132001		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-29			MW000RFIMW-29D		
					A6K210132002			A6K210132003		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		10	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		2	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		4	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		20	U		1	U

BASF - Final, [redacted]al Analytical Results

					BASF					
					A6K210132					
					MW000P-34N					
					A6K210132004					
					11/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.0071	U*	0.04	0.005	
3	7440393	Barium	6010A	mg/L	0.097	0.01		0.15	0.01	J
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.017	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.018	0.01	
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.026	0.02	J
14	7440666	Zinc	6010A	mg/L		0.02	U	0.09	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.014	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.02	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-28					
					A6K210132001					
					11/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.031	0.005		0.051	0.005	
3	7440393	Barium	6010A	mg/L	0.056	0.01		0.086	0.01	J
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.0069	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.031	0.01	
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.037	0.02	J
14	7440666	Zinc	6010A	mg/L		0.045	U*	0.071	0.02	J
15	7440439	Cadmium	6010A -T	mg/L	0.0016	0.001	J	0.0018	0.001	J
16	7440473	Chromium	6010A -T	mg/L		0.005	UJ	0.019	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.015	0.005	

					MW000RFIMW-29					
					A6K210132002					
					11/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.0056	U*
3	7440393	Barium	6010A	mg/L	0.15	0.01	R	0.08	0.01	R
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.0048	0.003	J
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.027	0.01	J
10	7440020	Nickel	6010A	mg/L	0.081	0.04		0.17	0.04	J
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.032	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.2	0.005	J
17	7440360	Antimony	6010A -T	mg/L	0.0071	0.005		0.0094	0.005	
18	57125	Total Cyanide	9012	mg/L				0.025	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-29D					
					A6K210132003					
					11/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L						
3	7440393	Barium	6010A	mg/L						
4	7439921	Lead	6010A -T	mg/L						
5	7440417	Beryllium	6010A	mg/L						
6	7782492	Selenium	6010A -T	mg/L						
7	7440280	Thallium	6010A -T	mg/L						
8	7440484	Cobalt	6010A	mg/L						
9	7440508	Copper	6010A	mg/L						
10	7440020	Nickel	6010A	mg/L						
11	7440224	Silver	6010A	mg/L						
12	7440315	Tin	6010A	mg/L						
13	7440622	Vanadium	6010A	mg/L						
14	7440666	Zinc	6010A	mg/L						
15	7440439	Cadmium	6010A -T	mg/L						
16	7440473	Chromium	6010A -T	mg/L						
17	7440360	Antimony	6010A -T	mg/L						
18	57125	Total Cyanide	9012	mg/L				0.022	0.005	

					X1					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L						
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.012	U*
3	7440393	Barium	6010A	mg/L	0.15	0.01	J	0.12	0.01	J
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.0082	0.003	J
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	UJ
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.041	0.01	J
10	7440020	Nickel	6010A	mg/L	0.091	0.04		0.26	0.04	J
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.032	0.02	J
14	7440666	Zinc	6010A	mg/L		0.02	UJ	0.077	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.35	0.005	J
17	7440360	Antimony	6010A -T	mg/L	0.0064	0.005	J	0.0065	0.005	J
18	57125	Total Cyanide	9012	mg/L						

BASF - Final, [redacted]al Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24					
					A6K200114001					
					11/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.0069	U*
3	7440393	Barium	6010A	mg/L	0.041	0.01		0.064	0.01	J
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.0055	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L	0.0076	0.005		0.0069	0.005	
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.021	0.01	
10	7440020	Nickel	6010A	mg/L		0.04	U	0.068	0.04	J
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.037	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.44	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.45	0.025	J

BASF - Final, Metal Analytical Results

					MW000RFIMW-25					
					A6K200114002					
					11/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U	0.021	0.005	
3	7440393	Barium	6010A	mg/L	0.11	0.01		0.18	0.01	J
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.013	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L	0.01	0.01		0.04	0.01	
10	7440020	Nickel	6010A	mg/L	0.12	0.04		0.29	0.04	J
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.061	0.02	J
14	7440666	Zinc	6010A	mg/L		0.03	U*	0.13	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.44	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.41	0.025	J

					MW000RFIMW-26			U		
					A6K200114003					
					11/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U	0.033	0.005	
3	7440393	Barium	6010A	mg/L	0.42	0.01		0.57	0.01	J
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.021	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L	0.013	0.01	J	0.082	0.01	
10	7440020	Nickel	6010A	mg/L	0.45	0.04		0.81	0.04	J
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.067	0.02	J
14	7440666	Zinc	6010A	mg/L		0.02	UJ	0.12	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	UJ	1.5	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.005	U

BASF - Final, Metal Analytical Results

					MW000RFIMW-27					
					A6K200114004					
					11/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.0062	U*		0.011	U*
3	7440393	Barium	6010A	mg/L	0.22	0.01		0.2	0.01	J
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U	0.015	0.01	
12	7440315	Tin	6010A	mg/L		2	U		2	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.03	U*		0.031	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	UJ	0.024	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.017	0.005	

					RS000RFIMW-27					
					A6K200114005					
					11/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L		0.01	U		0.01	U
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.005	U

BASF - Final, We[illegible]emistry Analytical Results

					BASF					
					A6K200114					
					MW000RFIMW-24			MW000RFIMW-25		
					A6K200114001			A6K200114002		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-26			MW000RFIMW-27		
					A6K200114003			A6K200114004		
					11/19/96			11/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

					BASF					
					A6K210132					
					MW000P-34N			MW000RFIMW-28		
					A6K210132004			A6K210132001		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-29			MW000RFIMW-29D		
					A6K210132002			A6K210132003		
					11/20/96			11/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

APPENDIX D

Data Validation Reports and Analytical Laboratory Data (prepared by Environmental Standards, Inc.)

(Report 33a of 36)

ENVIRONMENTAL STANDARDS

Setting the Standards for Innovative Environmental Solutions

QUALITY ASSURANCE REVIEW

OF THE BASF RCRA FACILITY INVESTIGATION

SAMPLES COLLECTED BETWEEN DECEMBER 17 AND 20, 1996

IN WYANDOTTE, MICHIGAN

VOLUME I

August 29, 1997

Prepared for:

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Section 5 **Laboratory Case Narrative and Project Chain-of-Custody Records**

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Introduction

This quality assurance (QA) review is based upon a rigorous examination of all data generated from the analyses of the samples collected between December 17 and 20, 1996, as part of the BASF Corporation (BASF) Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) in Wyandotte, Michigan. The samples included in this QA review are presented on Table 1.

This review has been performed with guidance from the "National Functional Guidelines for Organic Data Review" (US EPA, 2/94) and the "National Functional Guidelines for Inorganic Data Review" (US EPA, 2/94).

The reported analytical results are presented as a summary of the data in Section 2. Data were examined to determine the usability of the analytical results and the compliance relative to the analytical requirements specified in "Test Methods for Evaluating Solid Waste" (SW-846) and the BASF RCRA Facility Investigation Quality Assurance Project Plan (QAPP, Revision 2, May 1996). Qualifier codes have been placed next to results so the data user can quickly assess the qualitative and/or quantitative reliability of any result. This critical QA review identifies data quality issues for specific samples and specific evaluation criteria. The data qualifications allow the data end-user to best understand the usability of the analytical results. It should be understood that data that have not been qualified in this report should be considered valid based on the quality control (QC) criteria that have been reviewed. Details of this QA review are presented in the narrative section of this report. This report was prepared to provide a critical review of the laboratory analyses and reported analytical results. Rigorous QA reviews of laboratory-generated data routinely identify various problems associated with analytical measurements, even from the most experienced and capable laboratories.

TABLE 1

SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-1	A6L190128-001	A6L190128	Aq	12/17/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-2	A6L190128-002	A6L190128	Aq	12/17/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-3	A6L190128-003	A6L190128	Aq	12/18/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-3-RE-1 (Reextraction)	A6L190128-003	A6L190128	Aq	12/18/96	S
MW000RFIMW-4	A6L190128-004	A6L190128	Aq	12/18/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-5	A6L190128-005	A6L190128	Aq	12/18/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-5 (Matrix Spike)	A6L190128-005	A6L190128	Aq	12/18/96	V,S
MW000RFIMW-5 (Matrix Spike Duplicate)	A6L190128-005	A6L190128	Aq	12/18/96	V,S
MW000RFIMW-5-RE-1 (Reextraction)	A6L190128-005	A6L190128	Aq	12/18/96	S
MW000RFIMW-6	A6L190128-006	A6L190128	Aq	12/18/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-6-RE-1 (Reextraction)	A6L190128-006	A6L190128	Aq	12/18/96	S
MW000RFIMW-7	A6L190128-007	A6L190128	Aq	12/18/96	V, S, P, H, M, M*, CN, AIS

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-7-RE-1 (Reextraction)	A6L190128-007	A6L190128	Aq	12/18/96	S
MW000RFIMW-8	A6L190128-008	A6L190128	Aq	12/18/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-8MS (Matrix Spike)	A6L190128-008MS	A6L190128	Aq	12/18/96	AIS
MW000RFIMW-8MSD (Matrix Spike Duplicate)	A6L190128-008MSD	A6L190128	Aq	12/18/96	AIS
MW000RFIMW-8-RE-1 (Reextraction)	A6L190128-008	A6L190128	Aq	12/18/96	S
MW000RFIMW-9	A6L190128-009	A6L190128	Aq	12/18/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-9-RE-1 (Reextraction)	A6L190128-009	A6L190128	Aq	12/18/96	S
TB-12/18/96 (Trip Blank)	A6L190128-010	A6L190128	Aq	12/18/96	V
MW000RFIMW-10 (MS/MSD)	A6L190128-011	A6L190128	Aq	12/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-10 (MS/MSD) RE-1 (Reextraction)	A6L190128-011	A6L190128	Aq	12/19/96	S
MW000RFIMW-10 (MS/MSD) (Matrix Spike)	A6L190128-011	A6L190128	Aq	12/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-10 (MS/MSD) (Matrix Spike Duplicate)	A6L190128-011	A6L190128	Aq	12/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-11	A6L190128-012	A6L190128	Aq	12/19/96	V, S, P, H, M, M*, CN, AIS

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-11 (Matrix Spike)	A6L190128-012	A6L190128	Aq	12/19/96	S, M
MW000RFIMW-11 (Matrix Spike Duplicate)	A6L190128-012	A6L190128	Aq	12/19/96	S, M
MW000RFIMW-11-RE-1 (Reextraction)	A6L190128-012	A6L190128	Aq	12/19/96	S
MW000RFIMW-10D (Field Duplicate of MW000RFIMW-10)	A6L190128-013	A6L190128	Aq	12/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-12	A6L190128-014	A6L190128	Aq	12/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-22	A6L190128-015	A6L190128	Aq	12/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-23	A6L190128-016	A6L190128	Aq	12/19/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-28	A6L190128-017	A6L190128	Aq	12/19/96	V, S, P, H, M, M*, CN, AIS
TB-12/19/96 (Trip Blank)	A6L190128-018	A6L190128	Aq	12/19/96	V
MW000PMINA	A6L190128-019	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
MW000PMINA-RE-1 (Reextraction)	A6L190128-019	A6L190128	Aq	12/20/96	S
MW000RFIMW-29	A6L190128-020	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-29-RE-1 (Reextraction)	A6L190128-020	A6L190128	Aq	12/20/96	S

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-27	A6L190128-021	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-27-RE-1 (Reextraction)	A6L190128-021	A6L190128	Aq	12/20/96	S
MW000P-34-N	A6L190128-022	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
MW000P-34-N-RE-1 (Reextraction)	A6L190128-022	A6L190128	Aq	12/20/96	S
MW000RFIMW-25	A6L190128-023	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-25-RE-1 (Reextraction)	A6L190128-023	A6L190128	Aq	12/20/96	S
MW000RFIMW-25D (Field Duplicate of MW000RFIMW-25)	A6L190128-024	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-25D (Matrix Spike)	A6L190128-024	A6L190128	Aq	12/20/96	S
MW000RFIMW-25D (Matrix Spike Duplicate)	A6L190128-024	A6L190128	Aq	12/20/96	S
MW000RFIMW-25D-RE-1 (Reextraction)	A6L190128-024	A6L190128	Aq	12/20/96	S
MW000RFIMW-24 (MS/MSD)	A6L190128-025	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-24 (MS/MSD) (Matrix Spike)	A6L190128-025	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-24 (MS/MSD) (Matrix Spike Duplicate)	A6L190128-025	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-24 (MS/MSD)-RE-1 (Reextraction)	A6L190128-025	A6L190128	Aq	12/20/96	V, S
MW000RFIMW-26	A6L190128-026	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-26-RE-1 (Reextraction)	A6L190128-026	A6L190128	Aq	12/20/96	S
RS000RFIMW-26 (Rinsate Blank)	A6L190128-027	A6L190128	Aq	12/20/96	V, S, P, H, M, M*, CN, AIS
RS000RFIMW-26-RE-1 (Reextraction)	A6L190128-027	A6L190128	Aq	12/20/96	S
TB-12/20/96 (Trip Blank)	A6L190128-028	A6L190128	Aq	12/20/96	V

NOTES:

V	Volatile Organic Compounds by SW-846 Method 8260A.
S	Semivolatile Organic Compounds by SW-846 Method 8270B.
P	Organochlorine Pesticides/PCBs by SW-846 Method 8080A.
H	Chlorinated Herbicides by SW-846 Method 8150B.
M	Total Metals by SW-846 Methods 6010A and 7471A.
M*	Dissolved Metals by SW-846 Methods 6010A and 7471A.
CN	Total Cyanide by SW-846 Method 9012.
AIS	Acid-insoluble sulfide by SW-846 Method 9030A.

Section 1 Quality Assurance Review

A. Organic Data

The organic analyses of twenty-eight samples (including QC samples) were performed by Quanterra Incorporated (Quanterra) of North Canton, Ohio. The samples were analyzed for volatile organic compounds by SW-846 Method 8260A, for semivolatile organic compounds by SW-846 Method 8270B, for organochlorine pesticides and PCBs by SW-846 Method 8080A, and for chlorinated herbicides by SW-846 Method 8150B, as indicated on Table 1. The data was received in one data package. The analytical results are presented in Section 2 of this report.

The findings in this report are based upon a rigorous review of sample holding times, blank analysis results, surrogate recoveries, laboratory control sample (LCS) recoveries, gas chromatography/mass spectroscopy (GC/MS) tuning, matrix spike and matrix spike duplicate recoveries, field duplicate precision, internal standard areas, target compound matching quality, calibrations, analytical sequence, and quantitation of positive results.

Several deficiencies were identified as follows. The data reviewer has included copies of all relevant raw data, QC forms, and other documentation needed to support any changes made to the data package in the Organic Data Support Documentation (Section 3) of this report. It should be emphasized that the following items do not necessarily affect data usability. Usability issues are addressed in a subsequent section.

Correctable Deficiencies

1. For all organic fractions, the laboratory incorrectly reported a "date received" on the Form I's for all method blanks and check samples. Because these are laboratory QC samples, the "date received" is not applicable. There is no impact on data quality due to this deficiency.

2. In the volatile fraction, the laboratory incorrectly reported the start and end time for the initial calibration performed between 10/28/96 at 11:19 and 12/28/96 at 20:38 on instrument A3UX3 as "11:50" and "20:08", respectively, on the Initial Calibration Data and Continuing Calibration summary forms. The data reviewer has corrected the forms and included the forms in the Organic Data Support Documentation (Section 3). There is no impact on data quality due to these deficiencies.

3. In the semivolatile fraction, the laboratory incorrectly reported the start and end times for the initial calibration performed between 9/6/96 at 12:35 and 17:56 on instrument A4EXT3 as "15:29" and "14:52", respectively, on the Initial Calibration summary forms. The data

reviewer has corrected the forms and included the forms in the Organic Data Support Documentation (Section 3). There is no impact on data quality due to these deficiencies.

4. In the volatile and semivolatile fractions, the reported average relative response factors (RRFs) for those compounds which are quantitated from calibration curves are not correctly reported on the Continuing Calibration Compounds summary forms. The average RRFs are not the same as the average RRFs for these compounds reported on the Initial Calibration Data summary forms for the associated initial calibrations. Since the concentrations for all target compounds listing the incorrect average RRF are determined from a calibration curve and not from the average RRFs, there is no impact on data quality due to this deficiency.

5. On the Volatile and Semivolatile Continuing Calibration Check Form VIIs, the laboratory reported all percent differences as positive values. However, it is suggested by the percent drift equation in SW-846 protocol (SW-846 Method 8260A and 8270B) that an increase in instrument sensitivity would produce a negative percent difference. There is no impact on data quality due to this deficiency.

6. The laboratory misreported the date extracted as "01/02/96" for the method blank sample (C7JRH101) on the SW-846 8260A Method Blank Summary form (Form IV) and the Method Blank Compound summary form (Form I) and for the check sample (C7JRH102) on the Check Sample Compound summary form (Form I). The correct date is "01/02/97". The data reviewer has edited the forms and included them in the Organic Data Support Documentation (Section 3).

7. In the semivolatile fraction, the laboratory incorrectly reported all of the RRFs for dimethoate on the Initial Calibration Data summary form for the initial calibration performed on 9/6/96 between 12:35 and 17:56 on instrument A4EXT3. The data reviewer has calculated the correct RRFs for dimethoate and has corrected the Initial Calibration Data summary form.

8. In the semivolatile fraction, the laboratory incorrectly reported the date extracted as 1/15/96 on the Extraction Bench Worksheet for QC batch 7015107 and on the Form I's for samples MW000RFIMW-11-RE-1. The actual date extracted is 1/15/97. The data reviewer has edited the Extraction Bench Worksheet and the associated Form I's and included them in the Organic Data Support Documentation (Section 3).

9. The laboratory did not flag the surrogate recoveries for the semivolatile samples MW000RF1MW-1, MW000RFIMW-12, MW000RFIMW-27, MW000RFIMW-7, and MW000RFIMW-7-RE-1 with a "D" on the Surrogate Recovery summary form (Form II) to indicate that this sample was analyzed at a dilution. There is no impact on data quality.

10. The laboratory misreported the quantitation limits for samples MW000RFIMW-10 (MS/MSD) RE-1, MW000RFIMW-24 (MS/MSD) RE-1, MW000RFIMW-26-RE-1 analyzed for the semivolatile compounds. Reduced sample volumes were utilized for the analyses of samples MW000RFIMW-10 (MS/MSD) RE-1 and MW000RFIMW-24 (MS/MSD) RE-1; therefore, the quantitation limits should have been raised accordingly. The data reviewer has raised the quantitation limits for the semivolatile compounds to reflect the reduced sample volumes utilized.

11. The laboratory analyzed an LCS/LCS duplicate (LCSD) pair for the pesticides/PCBs analysis (laboratory identifications C7GKH102 and C7GKH103), but did not report the relative percent difference (RPD) between the results for the compounds in the LCS/LCSD as a measure of the precision of the sample preparation and analysis process. The data reviewer has calculated the RPDs for all compounds in the LCS/LCSD pair and has reported them on the LCSD summary form. All RPDs were less than 20%, indicating good precision between the results.

12. In the pesticide/PCB fraction, the laboratory incorrectly reported the start and end dates and times for the initial calibration for all target compounds, performed from 1/1/97 at 13:08 to 1/3/97 at 08:04 on instrument a2hpy as "01-JAN-97 13:58" to "02-JAN-1997 15:39" on the Initial Calibration Data summary forms for the Rtx®-1701 analytical column and as "02-JAN-97 05:30" to "02-JAN-1997 21:27" on the Initial Calibration Data summary forms for the Rtx®-5 analytical column. There is no impact on data quality due to these deficiencies.

13. In the herbicides fraction, the laboratory incorrectly reported the start and end dates and times for the initial calibration for all target compounds, performed from 1/7/97 at 13:22 to 1/7/97 at 19:41 on instrument a2hph as "10-DEC-96 18:40" to "07-JAN-97 17:24" on the Initial Calibration Data summary forms for all compounds for the Rtx®-5 analytical column and as "10-DEC-96 18:40" to "07-JAN-97 16:04" on the Initial Calibration Data summary forms for all compounds for the Rtx®-1701 analytical column. Similarly, for the initial calibration run for pentachlorophenol only, the laboratory incorrectly reported the start dates and times for the initial calibration, performed from 1/8/97 at 20:22 to 1/8/97 at 20:22 on instrument a2hph as "10-DEC-96 18:40" on the Initial Calibration Data summary forms for pentachlorophenol for the Rtx®-5 and Rtx®-1701 analytical columns. There is no impact on data quality due to these deficiencies.

14. In the pesticide/PCB and herbicides fractions, the laboratory determined the percent differences between the continuing calibrations and the associated initial calibrations by comparing the true amount found in the continuing calibration standard with the calculated amount. According to SW-846 Method 8000A (pg. 8000A-3, Sec. 7.4.2.3), the percent differences must be determined by comparing the response factors (RFs) obtained in the

continuing calibration standard with the RFs obtained in the associated level 3 initial calibration standard (i.e., [initial calibration RF - continuing calibration RF] x 100/initial calibration RF).

15. In the pesticide/PCB fraction, the laboratory reported that the GC column was Rtx®-1701 on the Pesticide Analytical Sequence forms; however, the analytical sequences represent both GC columns (Rtx®-1701 and Rtx®-5) because the samples were injected onto both columns simultaneously. There is no impact on data quality due to this deficiency.

16. The chromatograph for the performance evaluation mixture (PEM) standard analyzed on 12/30/96 at 10:47 on instrument a2hpw displayed peaks within the retention time windows for *alpha*-BHC and *gamma*-BHC on the Rtx®-1701 column which were not integrated by the instrument software. Consequently, these compounds were reported as "not-detected" on the associated Recovery Report forms. The laboratory should have manually integrated these peaks. There is no effect on the data due to this issue because good recoveries were reported for all compounds from the INDA and INDB standards bracketing the project samples.

17. It should be noted that the laboratory performed a 20-fold dilution of sample MW000RFIMW-1 for the pesticides analysis. However, the quantitation limits of all compounds, except toxaphene, in the sample were not raised by a factor of 20 for all compounds (in general, the quantitation limits were raised by a factor of 10 rather than 20). The data reviewer has raised the quantitation limits for all compounds in the samples to reflect the correct dilution factor used for the samples on the data summary tables.

18. The laboratory reported a quantitation limit of 1.0 µg/l for toxaphene in the pesticide/PCB analysis of samples MW000RFIMW-2, MW000RFIMW-3, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-8, and MW000RFIMW-9. For all other samples (and the correct quantitation limit, according to previous conversations with the laboratory), the quantitation limit of 1.2 µg/l was reported for toxaphene. The data reviewer has corrected the data summary tables to reflect a quantitation limit of 1.2 µg/l for toxaphene in the project samples (before corrections for sample volume and dilutions).

19. The laboratory analyzed sample MW000RFIMW-27 for the pesticides analysis using an initial extraction volume of 250 ml (one-fourth of the normal volume of 1000 ml). However, the quantitation limits of all compounds, except toxaphene, in the sample were not raised by a factor of 4 for all compounds (in general, the quantitation limits were raised by a factor of 2 rather than 4). Similarly, the laboratory analyzed sample MW000P-34-N for the pesticides analysis using an initial extraction volume of 500 ml

(half of the normal volume of 1000 ml). However, the quantitation limits of all compounds, except toxaphene, in the sample were not raised by a factor of 2 for all compounds (in general, the quantitation limits were the same as those in samples for which 1000 ml was used in the extractions). The data reviewer has raised the quantitation limits for all compounds in the sample to reflect the correct dilution factor used for the sample on the data summary tables.

20. The analytical sequence summary provided for the pesticides/PCBs analysis did not include many continuing calibration check analyses for which raw data was provided in the data package. The data reviewer has added the extra continuing calibration check standards on the summary form and has included the form in the Organic Data Support Documentation (Section 3) of this QA review.

21. The raw data and Recovery Reports for the INDA level 3 standard analyzed on 1/11/97 at 06:32 was inadvertently labeled "TOX 3" (indicating that the standard was the mid-level toxaphene standard). Similarly, the raw data and Recovery Reports for the INDB level 3 standard analyzed on 1/11/97 at 07:21 was inadvertently labeled "INDA 3". The data reviewer has corrected the raw data and Recovery Reports and has included these in the Organic Data Support Documentation (Section 3) of this QA review.

22. The initial calibration summary forms for the Rtx®-1701 column for the initial calibration performed on 1/2/97 indicates responses (peak areas) for the Level 5 INDA standard compounds which are different than those given in the raw data for the INDA standards (analyzed on 1/2/97 at 14:50). The difference between the reported responses and the observed responses are less than 10% for all compounds in the INDA standard. Data is not affected by this issue since no positive results were reported for any target compound in the samples.

23. The laboratory reported that 5-fold dilutions were performed for the herbicides analysis of samples MW000RFIMW-1, MW000RFIMW-2, MW000RFIMW-3, MW000RFIMW-4, MW000RFIMW-6, and MW000RFIMW-24 (MS/MSD) and a 50-fold dilution for sample MW000RFIMW-28. However, the quantitation limits for the target compounds in the samples were not raised by a factor of 5 or 50 to reflect the dilution. The data reviewer has modified the data summary tables to indicate the correct quantitation limits for the compounds based on the dilution factors.

24. A comparison of the chromatogram for the PEM standard analyzed on 1/13/97 at 06:05 on the Rtx®-5 column with the chromatograms for the corresponding INDA and INDB initial calibration standards shows that endrin ketone, a breakdown product of endrin, is present in the PEM standard analysis, but the instrument software did not integrate the peak and, therefore, the percent breakdown for endrin in this PEM standards was not calculated using

the peak areas for all breakdown products. Data is not affected by this issue since the chromatogram for this PEM standard demonstrates that the peak area for the breakdown products are not greater than 30% those of the original compound (endrin).

25. Sample MW000RFIMW-1 and QC samples Method Blank (analyzed on 1/10/97 at 01:04), LCS (analyzed on 1/10/97 at 01:53), and LCSD (analyzed on 1/10/97 at 02:42) were not reported on the pesticides/PCBs analytical sequence form for instrument a2hpw. The data reviewer has added these samples to the analytical sequence and has provided the form in the Organic Data Support Documentation (Section 3) of this QA review.

26. The laboratory reported concentrations of 0.1405 ng for Aroclor-1016 and 0.2973 ng for Aroclor-1260 on the Recovery Report for the "1660 3" continuing calibration standard analyzed on 1/11/97 at 02:26 on the Rtx®-1701 column. The data reviewer calculated concentrations of 0.25339 ng (a 126.7% recovery) for Aroclor-1016 and of 0.56959 ng (a 113.9% recovery) for Aroclor-1260 in the standard. The example calculations for the calibration check standard are presented in the Organic Data Support Documentation (Section 3) of this QA review.

27. The laboratory referred to two separate samples as "MW000RFIMW-12" on the herbicide analytical sequence form (page 3569 of the data package). The first of the two, analyzed on 1/7/97 at 23:02, is actually the matrix spike analysis of the sample. In addition, the sample with the designation "ZZZZZ" on the same page is the matrix spike duplicate analysis of sample MW000RFIMW-12. The data reviewer has corrected the page and has included it in the Organic Data Support Documentation (Section 3) of this QA review.

28. The laboratory reported that pentachlorophenol was not detected in method blank C7FXW101 in the herbicides analysis. However, the raw data indicates that the compound was detected at a level of 0.136 µg/l on the Rtx®-5 column and at a level of 0.135 µg/l on the Rtx®-1701 column. These concentrations are greater than the reported quantitation limit of 0.050 µg/l for pentachlorophenol in the method blank. Consequently, the laboratory should have reported a positive result of 0.14 µg/l for the compound in the method blank. This issue does not affect data (and is not a noncorrectable deficiency) because pentachlorophenol was not detected in the associated samples.

Noncorrectable Deficiencies

1. According to the laboratory Cooler Receipt Form, the project samples listed on Chain-of-Custody Records #11983 and 20886 were received at the laboratory on 12/19/96 at 6.3°C. In addition, the project samples listed on Chain-of-Custody Record #11984 were received at the laboratory on 12/21/96 at 8.3°C. These temperatures are above the 4±2°C required

temperature for sample preservation (SW-846, Chapter Four, Table 4-1); however, in the data reviewer's opinion, the temperatures (<10°C) are not high enough to warrant qualification of the samples for the volatile analyses. Therefore, there is no impact on data quality due to the elevated temperatures.

2. According to the BASF RFI QAPP (Table 3-2), the laboratory was required to utilize the surrogate compounds 4-bromofluorobenzene, toluene-d_8, and dibromofluoromethane in the samples analyzed by SW-846 Method 8260A. However, the laboratory utilized the surrogate compound 1,2-dichloroethane-d_4 instead of the surrogate compound dibromofluoromethane in the samples analyzed by SW-846 Method 8260A. There is no impact on data usability due to this issue.

3. According to SW-846 Method 8260A, Section 7.3.1, the analyses must not begin until the ion abundance criteria for bromofluorobenzene (BFB) are met. However, the laboratory analyzed samples MW000RFIMW-24MS and MW000RFIMW-24MSD after a noncompliant volatile organic GC/MS tuning and mass calibration which was analyzed on 12/31/96 at 07:45. There is no impact on data usability since the samples associated with the BFB tune are QC samples.

4. In the volatile analysis, samples TB-12/18/96, TB-12/19/96, and TB-12/20/96 were analyzed 4, 4, and 6 days, respectively, beyond the 7-day holding time from sample collection to analysis for unpreserved aqueous samples (SW-846, Chapter Four, Table 4-1). The impact of this deficiency on data usability is discussed in the Organic Data Qualifiers section.

5. In the semivolatile fraction, bis(2-ethylhexyl) phthalate was detected in the method blank, associated with samples MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-8, and MW000RFIMW-9, above the quantitation limit. Therefore, the laboratory reextracted and reanalyzed the aforementioned samples along with a method blank. It should be noted, however, that the aforementioned samples were reextracted and reanalyzed 6 days beyond the 7-day holding time from sample collection to extraction for aqueous samples (SW-846, Chapter Four, Table 4-1). The impact of this deficiency on data usability is discussed in the Organic Data Qualifiers section.

6. In the semivolatile fraction, low surrogate recoveries were observed for samples MW000RFIMW-3, MW000RFIMW-5, and MW000RFIMW-11. The laboratory reextracted and reanalyzed the samples due to the low surrogate recoveries. However, the aforementioned samples were reextracted beyond the 7-day holding time from sample collection to extraction for aqueous samples (SW-846, Chapter Four, Table 4-1). The impact of this deficiency on data usability is discussed in the Organic Data Qualifiers section.

7. For the semivolatile analysis, the laboratory reextracted and reanalyzed samples MW000PMINA, MW000RFIMW-29, MW000RFIMW-27, MW000P-34-N, MW000RFIMW-25, MW000RFIMW-25D, MW000RFIMW-24 (MS/MSD), MW000RFIMW-26, and RS000RFIMW-26 due to low surrogate recoveries observed in the associated method blank and LCSs, as well as low LCS recoveries. Acceptable LCS recoveries and acceptable surrogate recoveries were observed for the method blank and LCS associated with the reextracted and reanalyzed samples MW000PMINA-RE-1, MW000RFIMW-29-RE-1, MW000RFIMW-27-RE-1, MW000P-34-N-RE-1, MW000RFIMW-25-RE-1, MW000RFIMW-25D RE-1, MW000RFIMW-24 (MS/MSD) RE-1, MW000RFIMW-26-RE-1, and RS000RFIMW-26-RE-1. However, the aforementioned samples were reextracted beyond the 7-day holding time from collection to extraction. Therefore, the laboratory reported both the original analysis and the reanalysis of samples MW000RFIMW-26 and RS000RFIMW-26 in the data package provided. The impact on data quality due to exceeded holding times and low LCS recoveries is addressed in the subsequent Organic Data Qualifiers section.

8. In the semivolatile fraction, low surrogate recoveries were observed for sample MW000RFIMW-10 (MS/MSD). The laboratory reextracted and reanalyzed the sample, and again, a low surrogate recovery was observed. However, the aforementioned sample was reextracted 12 days beyond the 7-day holding time from collection to extraction. In addition, the method blank and LCS associated with the reextracted and reanalyzed sample exhibited low surrogate recoveries. Since there was insufficient sample volume, the laboratory could not reextract and reanalyze the sample again. Therefore, the laboratory analyzed an LCS duplicate sample, and acceptable surrogate recoveries were observed in this sample. The laboratory reported both sets of data for sample MW000RFIMW-10 (MS/MSD) in the data package provided. The impact on data usability due to exceeded holding times is addressed in the subsequent Organic Data Qualifiers section.

Comments

1. The precision and accuracy QC limits reported by the laboratory on the matrix spike and LCS forms and the QC limits reported by the laboratory for all surrogate compounds on the Surrogate Recovery Forms differ from those reported on Tables 3-1 and 3-2 of the BASF QAPP. Upon investigation as to why the QC limits differ, it was discovered that the laboratory limits are subject to change and that those limits reported in the QAPP reflect the laboratory QC limits at the time the QAPP was prepared. Discussions between representatives from Quanterra and US EPA Region V have resulted in an agreement that the laboratory's recovery limits are subject to change, and Tables 3-1 and 3-2 of the BASF QAPP are in the process of being updated to reflect this situation. The laboratory-reported

recovery limits (not the limits specified on Tables 3-1 and 3-2 of the BASF QAPP [Revision 2, May 1996]) have been used to assess data quality. Refer to Section 6 of this report for documentation regarding this issue.

2. In the semivolatile fraction, the compounds 3-methylphenol and 4-methylphenol could not be separated chromatographically nor differentiated spectrally for samples MW000PMINA, MW000PMINA-RE-1, MW000RFIMW-12, MW000RFIMW-2, MW000RFIMW-28, MW000RFIMW-3, MW000RFIMW-3-RE-1, MW000RFIMW-5, MW000RFIMW-5-RE-1, MW000RFIMW-6, MW000RFIMW-6-RE-1, MW000RFIMW-7, and MW000RFIMW-7-RE-1. The impact on the semivolatile data quality due to this issue is addressed in the Organic Data Qualifiers section.

3. As stated in the laboratory Case Narrative for the volatile fraction, samples MW000RFIMW-11, MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-28, and MW000PMINA were received at the laboratory with a pH value > 2.0.

4. As stated in the laboratory Case Narrative for the volatile fraction, samples MW000RFIMW-12 and MW000PMINA were analyzed at a dilution due to foaming. The quantitation limits were raised accordingly.

5. In the volatile and semivolatile fractions, internal standard (IS) areas and retention times (RTs) for the continuing calibration standards used for the quantitation of the additional Appendix IX compounds were not listed on the associated Form VIII VOA and Form VIII SV-1. The data reviewer has compared the IS areas and RTs of the samples in the SDG to the IS areas and RTs of these continuing calibration standards and has confirmed that the IS areas and RTs of all samples were acceptable for both fractions. There is no impact on data usability due to this issue.

6. According to the laboratory Case Narrative for the volatile fraction, the matrix spike/matrix spike duplicate associated with QC batch 7003186 exhibited percent recoveries outside the acceptance limits for benzene. It should be noted that the matrix spike/matrix spike duplicate associated with QC batch 7003186 was not performed on a project sample; therefore, there is no impact on data usability due to this issue.

7. For the semivolatile surrogate compounds, phenol-d_5, 2-fluorophenol, and 2,4,6-tribromophenol in sample MW000RFIMW-22, 0% recoveries were observed. It should be noted that these recoveries were not used to evaluate the data because the sample was analyzed at a 20-fold dilution.

8. A 0% recovery was observed for the semivolatile surrogate compound 2,4,6-tribromophenol in sample MW000RFIMW-1. The sample was not reextracted and

reanalyzed since the sample was analyzed at a four-fold dilution. The impact on data usability is addressed in the subsequent Organic Data Qualifiers section.

9. Samples MW000RFIMW-27 and MW000P-34-N, collected 12/20/96, listed on Chain-of-Custody Record #11984 were not received by the laboratory until 12/23/96. The samples were shipped on 12/20/96 for receipt on 12/21/96. It should be noted that the laboratory included the aforementioned samples in the original lot and logged them as received on 12/21/96.

10. The Quanterra Cooler Receipt Form and the Semivolatile Internal Standard Area Summary form for the continuing calibration check sample analyzed on 1/19/97 at 11:50 were missing from the data package. Upon Environmental Standards, Inc.'s (Environmental Standards) request, the laboratory submitted the missing information. The resubmissions have been placed in the data package provided.

11. The precision and accuracy QC limits reported by the laboratory on the matrix spike and LCS forms and the QC limits reported by the laboratory for all surrogate compounds on the Surrogate Recovery Forms differ from those reported on Tables 3-1 and 3-2 of the BASF QAPP. Upon investigation as to why the QC limits differ, it was discovered that the laboratory limits are subject to change and that those limits reported in the QAPP reflect the laboratory QC limits at the time the QAPP was prepared. Discussions between representatives from Quanterra and US EPA Region V have resulted in an agreement that the laboratory's recovery limits are subject to change, and Tables 3-1 and 3-2 of the BASF QAPP are in the process of being updated to reflect this situation. The laboratory-reported recovery limits (not the limits specified on Tables 3-1 and 3-2 of the BASF QAPP [Revision 2, May 1996]) have been used to assess data quality. Refer to Section 6 of this report for documentation regarding this issue.

12. In the pesticide fraction, the laboratory reported the quantitation limit for toxaphene as 1.2 µg/l, instead of the QAPP-required 1.0 µg/l (Table 7-4). In discussions with the laboratory, it was discovered that the laboratory's lowest reporting limit for toxaphene (aqueous) is 1.2 µg/l and that reporting below 1.2 µg/l could not be done reliably. Therefore, the reporting limit of 1.2 µg/l, instead of the QAPP-required reporting limit of 1.0 µg/l, is present on the organic data tables (Section 2).

13. In Lot # A6LI90128, sample MW000RFIMW-1 was diluted by a factor of 20 in the pesticides/PCBs analysis due to matrix interferences in the sample. Consequently, the recoveries for the surrogate compounds tetrachloro-*meta*-xylene and decachlorobiphenyl were not used to qualify analytical results.

14. In the herbicides fraction, the laboratory reported the recoveries for the surrogate compound from the Rtx®-1701 column from the dual-column analysis, of the LCSs, matrix spike and matrix spike duplicate analyses, and two of the three method blanks. For the project samples, the laboratory reported the recoveries for the surrogate compound from the Rtx®-1701 column from the dual-column analysis, except for samples MW000RFIMW-3, MW000RFIMW-5, MW000RFIMW-23, MW000P-34-N, MW000RFIMW-27, MW000RFIMW-29, and MW000RFIMW-25D, which were reported from the Rtx®-05 column for the herbicides analysis. It should be noted, per the method, the laboratory is apparently free to choose which column to call the primary column and which to call the confirmation column, as long as the columns display acceptable performance.

15. The laboratory reported an equation of $y = 1.32959 - 0.00009x + (1.552e^{-9})x^2$ (producing results in ng) for the calibration curve for kepone on the Rtx®-1701 column in the pesticides/PCBs analysis performed on instrument a2phw. This is not a good calibration curve, for the reason that the y-intercept for the curve (the initial coefficient) is 1.32959 ng, which is 16.5 times the lowest calibration standard concentration and 265 times the reporting limit for kepone (0.050 µg/l, converted to ng). In addition, the data reviewer could not duplicate the reported results for kepone in the continuing calibration checks for the Rtx®-1701 column. The laboratory should have recalibrated the instrument for kepone on this analytical column to obtain a good calibration curve. Data is not affected by this issue, since a good calibration curve was obtained on the Rtx®-5 column, and no positive results for kepone were observed in the Rtx®-5 column analysis of the project samples.

16. The laboratory did not provide the raw data (quantitation report, Recovery Report, and chromatogram) for both analytical columns for the Performance Evaluation standard analyzed on 1/9/97 at 15:04 on instrument a2hpw as part of the pesticides/PCBs initial calibration. Upon notification, the laboratory provided the missing information.

17. The laboratory did not include the raw data (quantitation report, Recovery Report, or the chromatogram) for the Rtx®-1701 or the Rtx®-5 column for the continuing calibration standards B424 (analyzed on 1/8/97 at 03:44), B344 (analyzed on 1/8/97 at 05:04), B424 (analyzed on 1/8/97 at 15:01), B344 (analyzed on 1/8/97 at 15:41), B424 (analyzed on 1/8/97 at 19:41), B424 (analyzed on 1/9/97 at 07:14), and B344 PENTA (analyzed on 1/9/97 at 08:35) in the herbicides analysis. Upon notification, the laboratory provided the missing information.

18. The data reviewer noted during the validation of the initial calibration standards for instrument a2hpw that, although the peak response for heptachlor appears to be greater than that of the *gamma*-BHC peak in the same standard, the peak responses for

heptachlor, as reported on the quantitation reports for the standards, are approximately one-fortieth of those for *gamma*-BHC. The data reviewer could not determine why this occurred. In any case, all recoveries for heptachlor in the continuing calibration check standards were acceptable (85-130%), as were all LCS and matrix spike/matrix spike duplicate sample recoveries for heptachlor.

With regard to data usability, the principal areas of concern include exceeded holding times of unpreserved samples, blank contamination, calibration issues, low LCS recoveries, low matrix spike and/or matrix spike duplicate recoveries, low surrogate recoveries, poor duplicate precision between the matrix spike and matrix spike duplicate samples, air bubbles in the sample vials, quantitative compound identification problems, and quantitation of positive results below the quantitation limit. Based upon a review of the data package provided, the following data qualifiers are offered. It should be noted that the following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to the sample matrix problems. Similarly, the validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the following data usability issues should not necessarily be construed as an indication of laboratory performance.

Organic Data Qualifiers

- Due to the trace-level presence of methylene chloride, and acetone in the associated trip and/or method blanks, the positive results for methylene chloride in samples MW000RFIMW-24 (MS/MSD), MW000RFIMW-1, MW000RFIMW-22, MW000RFIMW-25D, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-8, MW000RFIMW-9, and MW000RFIMW-10 (MS/MSD) and for acetone in samples MW000PMINA and MW000RFIMW-25D should be considered "not-detected" and have been flagged "U*" on the data tables. Furthermore, the results that were reported below the sample-specific quantitation limits were replaced with the quantitation limit and the appropriate "U*" qualifier.

- Although there is no direct reason to qualitatively question the positive results for methyl ethyl ketone in samples MW000RFIMW-3, MW000RFIMW-12, and MW000RFIMW-7; for acetone in samples MW000RFIMW-28, MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-3, MW000RFIMW-5, and MW000RFIMW-7; for di-*n*-butyl phthalate in sample MW000RFIMW-25D; and for bis-2-ethylhexylphthalate in samples MW000RFIMW-10 (MS/MSD), MW000RFIMW-24 (MS/MSD) ,RE-1, MW000RFIMW-11, MW000RFIMW-23, MW000RFIMW-25D, MW000RFIMW-29-RE-

1, and MW000RFIMW-5-RE-1, these compounds are very common laboratory and/or field contaminants. Accordingly, caution should be exercised when using these results.

- The analyses for acetone, acrolein, acetonitrile, acrylonitrile, isobutyl alcohol, propionitrile, methacrylonitrile, 1,3,5-trinitrobenzene, and methapyrilene in all samples and for a,a-dimethyl phenethylamine in samples MW000RFIMW-5-RE-1, MW000RFIMW-3-RE-1, MW000RFIMW-24-(MS/MSD)-RE-1, MW000RFIMW-29-RE-1, MW000PMINA-RE-1, MW000RFIMW-27-RE-1, MW000P-34-N-RE-1, MW000RFIMW-25-RE-1, MW000RFIMW-25D-RE-1, MW000RFIMW-26-RE-1, and RS000RFIMW-26-RE-1 are unusable, and the "not-detected" results have been flagged "UR" on the data tables. In addition, the reported positive results for acetone in samples MW000PMINA, MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-25D, MW000RFIMW-28, MW000RFIMW-3, MW000RFIMW-5, MW000RFIMW-7, and TB-12/20/96 should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Very low (<0.05) RRFs were observed for these compounds in the associated initial and/or continuing calibration standards.

- The actual quantitation limits for 2-chlorophenol in samples MW000RFIMW-10 (MS/MSD) RE-1, MW000PMINA, MW000RFIMW-29, MW000RFIMW-27, MW000P-34-N, MW000RFIMW-25, MW000RFIMW-25D, MW000RFIMW-24 (MS/MSD), MW000RFIMW-26, and RS000RFIMW-26 and for pentachlorophenol, phenol, and 4-chloro-3-methylphenol in sample MW000RFIMW-10 (MS/MSD) RE-1 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Low recoveries were observed for these compounds in the associated LCS analyses.

- The actual quantitation limit for 2-chlorophenol in sample MW000RFIMW-24 (MS/MSD) is unusable, and the "not-detected" result has been flagged "UR" on the data tables. A very low recovery (%R< 10%) was observed for 2-chlorophenol in the associated matrix spike analysis.

- The actual quantitation limits for the acid semivolatile compounds in samples MW000RFIMW-1, MW000RFIMW-3, MW000RFIMW-3-RE-1, MW000RFIMW-5, MW000RFIMW-10 (MS/MSD), MW000RFIMW-10 (MS/MSD) RE-1, MW000RFIMW-11, MW000RFIMW-29, MW000P-34-N, MW000RFIMW-25, MW000RFIMW-25-RE-1, and MW000RFIMW-25D are unusable, and the "not-detected" results have been flagged "UR" on the data tables. In addition, the positive results for 3-methylphenol and 4-methylphenol in samples MW000RFIMW-3, MW000RFIMW-3-RE-1, and MW000RFIMW-5 and for 2-methylphenol and phenol in sample MW000RFIMW-5 should be considered estimated and have been flagged "J" on the data tables. Very low recoveries (<10%) were observed for one or more of the acid surrogate compounds.

- The analysis of all pesticides/PCBs in samples MW000RFIMW-12 and MW000RFIMW-22 should be considered unreliable, and the "not-detected" results for the compounds in the samples have been flagged "UR" on the data summary tables. Very low recoveries (<10%) were reported for surrogate compound decachlorobiphenyl in the pesticides/PCBs analysis of the samples on both of the analytical columns used for analysis.

- The reporting limits for all pesticide/PCB compounds in samples MW000RFIMW-2, MW000RFIMW-3, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-8, MW000RFIMW-9, MW000PMINA, MW000RFIMW-23, MW000RFIMW-24, MW000RFIMW-25, MW000RFIMW-28, MW000RFIMW-29, and MW000P-34-N may be higher than those reported by the laboratory, and the "not-detected" results for the compounds in the samples have been flagged "UJ" on the data summary tables. Low recoveries (<60%) were reported for surrogate compound decachlorobiphenyl in the pesticides/PCBs analysis of the samples on both of the analytical columns used for analysis.

- The analyses for all volatile compounds in samples TB-12/18/96, TB-12/19/96, TB-12/20/96, and MW000RFIMW-22 are unusable, and the "not-detected" results have been flagged "UR" on the data tables. In addition, the reported positive results for methylene chloride in samples TB-12/18/96 and TB-12/19/96; for acetone in sample TB-12/20/96; and for acetone, benzene, methylene chloride, toluene, and vinyl chloride in sample MW000RFIMW-22 should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Air bubbles were observed in the sample vials of these samples which might have caused volatilization of the target compounds.

- The actual quantitation limits for the semivolatile compounds in samples MW000RFIMW-11-RE-1, MW000PMINA-RE-1, MW000RFIMW-29-RE-1, MW000RFIMW-27-RE-1, MW000P-34-N-RE-1, MW000RFIMW-25-RE-1, MW000RFIMW-25-D-RE-1, MW000RFIMW-24 (MS/MSD) RE-1, MW000RFIMW-26-RE-1, RS000RFIMW-26-RE-1, MW000RFIMW-3-RE-1, and MW000RFIMW-5-RE-1 are unusable, and the "not-detected" results have been flagged "UR" on the data tables. These samples were reextracted more than 14 days outside the Federal Register holding time of 7 days from sample collection to sample extraction.

- The actual quantitation limits for the compounds listed in the samples below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. High percent drifts (>25%) were observed for these compounds in the associated continuing calibration standard.

Compound(s)	Sample(s)
propionitrile, isobutyl alcohol, methyl methacrylate, and methacrylonitrile	All Samples
bromomethane and 2-chloro-1,3-butadiene	MW000PMINA, MW000RFIMW-12, MW000RFIMW-25D, MW000RFIMW-26, MW000RFIMW-28, MW000RFIMW-24 (MS/MSD), RS000RFIMW-26, and TB-12/20/96
4-nitrophenol	MW000RFIMW-10D, MW000RFIMW-10-(MS/MSD)-RE-1, MW000RFIMW-11, MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-23, and MW000RFIMW-28
dibenzofuran, 2,4-dinitrotoluene, 4-chlorophenyl phenylether, fluorene, and 4-nitroaniline	MW000RFIMW-10D, MW000RFIMW-11, MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-23, and MW000RFIMW-28
a,a-dimethylphenethylamine and 3,3'-dimethylbenzidine	MW000RFIMW-1, MW000RFIMW-2, MW000RFIMW-3, MW000RFIMW-5, MW000RFIMW-10-(MS/MSD)-RE-1, MW000RFIMW-10D, MW000RFIMW-11, MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-23, MW000RFIMW-28, MW000RFIMW-5-RE-1, MW000RFIMW-3-RE-1, MW000RFIMW-24-(MS/MSD)-RE-1, MW000RFIMW-29-RE-1, MW000PMINA-RE-1, MW000RFIMW-27-RE-1, MW000P-34-N-RE-1, MW000RFIMW-25-RE-1, MW000RFIMW-25D-RE-1, MW000RFIMW-26-RE-1, and RS000RFIMW-26-RE-1
a,a-dimethylphenethylamine	MW000RFIMW-29, MW000RFIMW-27, MW000RFIMW-25, MW000RFIMW-25D, MW000RFIMW-24(MS/MSD), MW000RFIMW-26, RS000RFIMW-26, MW000P-34-N, MW000RFIMW-6, MW000RFIMW-6-RE-1, MW000RFIMW-7, MW000RFIMW-7-RE-1, MW000RFIMW-8, MW000RFIMW-8-RE-1, MW000RFIMW-9, and MW000RFIMW-9-RE-1
a,a-dimethylphenethylamine and 3-methylcholanthrene	MW000RFIMW-10 (MS/MSD), MW000RFIMW-4, MW000PMINA, and MW000RFIMW-11-RE-1

- The reported positive results for the volatile compounds listed in the samples below should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the

data tables. High percent drifts (>25%) were observed for these compounds in the associated continuing calibration standard.

Compound	Sample(s)
acetone	MW000RFIMW-5, MW000RFIMW-12, MW000RFIMW-28, MW000PMINA, MW000RFIMW-25D, and TB-12/20/96
methyl ethyl ketone	MW000RFIMW-12

- The actual quantitation limits for aromatic volatile compounds in samples TB-12/18/96, TB-12/19/96, TB-12/20/96, MW000RFIMW-11, MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-28, and MW000PMINA may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. In addition, the reported positive results for benzene and toluene in sample MW000RFIMW-22 and for acetone and benzene in sample MW000RFIMW-28 should be considered estimated and have been flagged "J" on the data tables. These unpreserved samples were analyzed outside the Federal Register holding time of 7 days from sample collection to sample analysis.

- The actual quantitation limits for the semivolatile compounds in samples MW000RFIMW-6-RE-1, MW000RFIMW-7-RE-1, MW000RFIMW-8-RE-1, MW000RFIMW-9-RE-1, and MW000RFIMW-10 (MS/MSD) RE-1, may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. These samples were reextracted outside the Federal Register holding time of 7 days from sample collection to sample extraction.

- The actual quantitation limit for pyrene in sample MW000RFIMW-11 may be higher than reported, and the "not-detected" result has been flagged "UJ" on the data tables. A low recovery was observed for pyrene in the associated matrix spike duplicate analysis.

- The actual quantitation limits for the base neutral semivolatile compounds in sample MW000RFIMW-3-RE-2 may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. In addition, the reported positive results for bis(2-chloroethyl)ether in sample MW000RFIMW-3-RE-2 should be considered estimated and have been flagged "J" on the data tables. Low recoveries (10%≤%R<Lower Control Limit) were observed for one or more of the base neutral surrogate compounds.

- The reported positive result for phenol in sample MW000RFIMW-5 should be considered estimated and has been flagged "J" on the data tables. Poor precision was observed for phenol between the matrix spike and matrix spike duplicate samples.

- The actual quantitation limits for 1,2,4-trichlorobenzene, acenaphthene, pyrene, and 2-chlorophenol in sample MW000RFIMW-25D may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. Low recoveries were observed for these compounds in the associated matrix spike duplicate analysis.

- The reported positive results for the following compounds in the sample listed below should be considered estimated and have been flagged "J" on the data tables. These samples were reextracted outside the Federal Register holding time of 7 days from sample collection to sample extraction.

Sample	Compound(s)
MW000RFIMW-6-RE-1	3-methylphenol, 4-methylphenol, naphthalene, phenol, and bis(2-chloroisopropyl)ether
MW000RFIMW-7-RE-1	2-methylnaphthalene, 2-methylphenol, 3-methylphenol, 4-methylphenol, naphthalene, phenanthrene, phenol, and 1,4-dioxane
MW000RFIMW-29-RE-1	bis(2-ethylhexyl) phthalate
MW000P-34-N-RE-1	1,4-dioxane
MW000RFIMW-24 (MS/MSD) RE-1	bis(2-ethylhexyl) phthalate
MW000RFIMW-5-RE-1	bis(2-ethylhexyl) phthalate, 2-methylphenol, 3-methylphenol, 4-methylphenol, naphthalene, phenol, and bis(2-chloroisopropyl)ether
MW000RFIMW-3-RE-1	bis(2-chloroethyl)ether, 3-methylphenol, and 4-methylphenol

- The compounds 3-methylphenol and 4-methylphenol were not resolved under the chromatography conditions for samples MW000PMINA, MW000PMINA-RE-1, MW000RFIMW-12, MW000RFIMW-2, MW000RFIMW-28, MW000RFIMW-3, MW000RFIMW-3-RE-1, MW000RFIMW-5, MW000RFIMW-5-RE-1, MW000RFIMW-6, MW000RFIMW-6-RE-1, MW000RFIMW-7, and MW000RFIMW-7-RE-1. In addition, these isomers have indistinguishable mass spectra. The laboratory calculated and reported the values for these coeluting isomers as both 3-methylphenol and 4-methylphenol on the Form I's. Because each of the reported 3-methylphenol and

4-methylphenol results for the aforementioned samples may represent the concentration of both isomers or of only one of the isomers, these positive results for 3-methylphenol and 4-methylphenol should be considered estimated and presumptively present and have been flagged "JN" on the data tables. The Environmental Standards data reviewer included the quantitation reports and appropriate chromatograms in the Organic Data Support Documentation (Section 3).

- Two pairs of field duplicates were reported in the data package provided [sample MW000RFIMW-10 (MS/MSD) and its field duplicate, MW000RFIMW-10D, and sample MW000RFIMW-25 and its field duplicate, MW000RFIMW-25D] for the volatile and semivolatile analyses. Samples MW000RFIMW-10 (MS/MSD), MW000RFIMW-25, and MW000RFIMW-25D were reextracted and reanalyzed for the semivolatile compounds. A comparison was performed among the positive results of samples MW000RFIMW-10 (MS/MSD), MW000RFIMW-10-(MS/MSD)-RE-1, and MW000RFIMW-10D. In addition, a comparison was performed between the positive results for samples MW000RFIMW-25 and MW000RFIMW-25D. A comparison was also performed between the reextracted sample MW000RFIMW-25-RE-1 and its field duplicate, MW000RFIMW-25D-RE-1. Good precision was observed among all positive analytes for the volatile and semivolatile fractions. A comparison of the reported positive volatile and semivolatile compounds for the field duplicate pairs are included in the Organic Support Documentation (Section 3).

- According to reporting conventions, the positive results for compounds reported below the sample-specific quantitation limit should be considered estimated and have been flagged "J" on the data tables.

A complete data support documentation of this organic QA review is provided in Section 3 of this report. The cover sheet for this section is a checklist of all the QA procedures required by the analytical protocols and examined in this data review.

B. Inorganic and Wet Chemistry Data

The inorganic and wet chemistry analyses of 29 samples (including QC samples) were performed by Quanterra of North Canton, Ohio. These samples were collectively analyzed for total and dissolved metals by SW-846 Methods 6010A and 7471A; for total cyanide by SW-846 Method 9012; and for acid-insoluble sulfide by SW-846 Method 9030A, as specified in Table 1. The data was received in one data package. The analytical results are presented in Section 2 of this report.

The findings in this report are based upon a rigorous review of sample holding times, condition of samples upon receipt, blank analysis results, LCS recoveries, matrix spike and matrix spike duplicate recoveries, serial dilution results, inductively coupled plasma (ICP) interference check samples, instrument sensitivity, instrument detection limits, calibrations, contract-required detection limit (CRDL) standards, sample preparation, total versus dissolved results, and the quantitation of positive results.

Several deficiencies were identified as follows. The data reviewer has included copies of all relevant raw data, QC forms, and other documentation needed to support any changes made to the data package in the Inorganic and Wet Chemistry Data Support Documentation (Section 4) of this report. It should be emphasized that the following items do not necessarily affect data usability. Usability issues are addressed in a subsequent section.

Correctable Deficiencies

1. The laboratory incorrectly reported the dilution factor on the Matrix Spike Sample Evaluation Report summary form as 1.0 for the total cyanide analysis. According to the raw data, the correct dilution factor is 10.0. The data reviewer has corrected the form and included it and its associated raw data in the Inorganic and Wet Chemistry Data Support Documentation (Section 4).

2. The laboratory reported the incorrect analysis times for a majority of the project samples, as well as QC samples run for tin on the ICP instrument ARL/I4 on the analysis run log. The data reviewer has corrected the times based on the raw data and included the analysis run log in the Inorganic and Wet Chemistry Data Support Documentation (Section 4).

Noncorrectable Deficiency

- According to the laboratory Cooler Receipt Forms, the project samples collected on 12/17/96, 12/18/96, 12/19/96, and 12/20/96 were received at the laboratory between 2.0°C and 8.3°C. These temperatures are outside the 4±2°C required temperature for sample preservation (SW-846, Chapter Two, Table 2-16). In the data reviewer's opinion, the temperature is not high enough to warrant qualification of the samples.

Comments

1. The laboratory used the instrument detection limits (IDLs) to determine the "not-detected" results for the calibration blanks, while the project-required reporting limits were used to

determine the "not-detected" results for the laboratory preparation blanks and the project samples.

2. The project samples listed below were analyzed at dilutions due to matrix interferences. The reporting limits for the analytes in the samples listed below were raised accordingly.

Sample(s)	Analyte	Dilution
MW000RFIMW-12 and MW000RFIMW-23	cyanide	20 ×
MW000RFIMW-22	cyanide	1000 ×
MW000PMINA	cyanide	250 ×
MW000RFIMW-25 and MW000RFIMW-25D	cyanide	5 ×
MW000RFIMW-24, MW000RFIMW-24MS, and MW000RFIMW-24MSD	cyanide	10 ×
MW000RFIMW-27 (T) and MW000RFIMW-27 (D)	tin	2 ×

3. The laboratory did not report the results for the interfering elements (Al, Ca, Fe, and Mg) on the ICP Interference Check Sample summary form (Form IV). The interfering elements are not target analytes for these samples; however, the observed concentrations are reported by the laboratory in the raw data. The data reviewer has evaluated the samples for these interfering elements. The impact on data quality is addressed in the subsequent Inorganic and Wet Chemistry Data Qualifiers section.

4. The laboratory did not include the raw data for the continuing calibration blank (CCB) analyzed on 1/16/97 at 20:08 on instrument I5 in the data package provided. Upon Environmental Standards' request, the laboratory submitted the missing information which is included in the Inorganic and Wet Chemistry Data Support Documentation (Section 4).

5. It was noted on the Quanterra Cooler Receipt Form/Narrative that all samples received on 12/19/96, sample MW000RFIMW-10 received on 12/20/96, and samples MW000PMINA and MW000RFIMW-26 received on 12/21/96 were incorrectly preserved.

With regard to data usability, the principal areas of concern include blank contamination, ICP interference, low matrix spike and matrix spike duplicate recoveries, and poor field duplicate precision. Based upon a review of the data package provided, the following data qualifiers are

offered. It should be noted that the following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to the sample matrix problems. Similarly, the validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the following data usability issues should not necessarily be construed as an indication of laboratory performance.

Inorganic and Wet Chemistry Data Qualifiers

- Due to the trace-level presence of selenium, mercury, and lead in the laboratory blanks, the positive results for selenium, mercury, and lead in the samples listed below should be considered "not-detected" and have been flagged "U*" on the data tables.

Analyte	Samples With Positive Results Qualified as "Not-Detected" ("U*")
Selenium	MW000RFIMW-1(F), MW000RFIMW-5(U), MW000RFIMW-6(F), MW000RFIMW-7(F), MW000RFIMW-12(F&U), MW000RFIMW-22(F&U), MW000RFIMW-24(F&U), MW000RFIMW-25(U), MW000RFIMW-26(F&U), and MW000PMINA(F)
lead	MW000RFIMW-6(U), MW000RFIMW-7(U), MW000RFIMW-22(U&F), MW000RFIMW-24(U), MW000RFIMW-25(U), MW000RFIMW-26(U), and MW000RFIMW-29(U)
mercury	MW000RFIMW-6(F&U) and MW000PMINA(U)
zinc	MW000P-34-N(U), MW000PMINA(U), MW000RFIMW-10(U), MW000RFIMW-12(U), MW000RFIMW-2(U), MW000RFIMW-22(U), MW000RFIMW-23(U), MW000RFIMW-24(U), MW000RFIMW-25(U), MW000RFIMW-25D(U), MW000FIMW-26(U), MW000RFIMW-27(U), MW000RFIMW-28(U), MW000RFIMW-29(U), MW000RFIMW-3(U), MW000RFIMW-4(U), MW000RFIMW-6(U), MW000RFIMW-7(U), MW000RFIMW-8(U), and MW000RFIMW-9(U)

- The reported positive result for copper in samples MW000RFIMW-6(U), MW000RFIMW-7(U), and MW000RFIMW-26(F) should be considered estimated and has been flagged "J" on the data tables. Barium was observed to be present in the ICP interference check sample ICSA solution at concentrations greater than 2×IDL, indicating an interference in the presence of high level interferents. High levels of calcium (>50% of the true values of

calcium in ICSA solution) were observed in the aforementioned samples. Furthermore, the reported positive results for these analytes may be attributed solely to ICP interference (instrument level of sample ≤5× the observed concentration in the ICSA).

- The actual detection limits for lead and thallium in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for lead in samples MW000RFIMW-6(U), MW000RFIMW-7(U), and MW000RFIMW-26(U) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Lead and thallium were observed to be present in the ICP interference check sample ICSA solution at negative concentrations with an absolute value greater than 2×IDL, indicating a possible negative interference in the presence of high levels of interferents. High levels of calcium and/or magnesium (instrument level of calcium and magnesium >50% of the true values of the ICSA solution) were observed in the aforementioned samples.

Analyte	Samples With Estimated Detection Limits ("UJ")
lead	MW000RFIMW-1(F&U), MW000RFIMW-2(F&U), MW000RFIMW-3(F), MW000RFIMW-4(F&U), MW000RFIMW-5(F&U), MW000RFIMW-6(F), MW000RFIMW-7(F), MW000RFIMW-8(F&U), MW000RFIMW-9(F&U), MW000RFIMW-23(F&U), MW000RFIMW-26(F), MW000RFIMW-27(F&U), and MW000RFIMW-28(F&U)
thallium	MW000RFIMW-1(F&U), MW000RFIMW-2(F&U), MW000RFIMW-3(F&U), MW000RFIMW-4(F&U), MW000RFIMW-5(F&U), MW000RFIMW-6(F&U), MW000RFIMW-7(F&U), MW000RFIMW-8(F&U), MW000RFIMW-9(F&U), MW000RFIMW-11(U), MW000RFIMW-23(F&U), MW000RFIMW-26(F&U), MW000RFIMW-27(F&U), and MW000FRIMW-28(F&U)

- The actual detection limits for cyanide in samples MW000RFIMW-3, MW000RFIMW-5, MW000RFIMW-8, and MW000RFIMW-9 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for cyanide in samples MW000RFIMW-4, MW000RFIMW-6, and MW000RFIMW-7 should be considered estimated and have been flagged "J" on the data tables. A low percent recovery (10% ≤ %R < 75%) was observed for cyanide in the associated matrix spike and matrix spike duplicate analyses.

- Four field duplicate pairs were included in SDG A6L190128 [sample MW000RFIMW-10(U) and its field duplicate, MW000RFIMW-10D(U), sample MW000RFIMW-10(F) and

its field duplicate, MW000RFIMW-10D(F), sample MW000RFIMW-25(F) and its field duplicate, MW000RFIMW-25D(F), and sample MW000RFIMW-25 (F) and its field duplicate, MW000RFIMW-25D (F)]. These field duplicate pairs displayed good precision for all analytes, except for zinc and chromium. The reported positive results for zinc and chromium in samples MW000RFIMW-25(U) and MW000RFIMW-25D(U) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. A complete summary of the evaluation of inorganic field duplicate analysis precision is supplied in the Inorganic Data Support Documentation (Section 4).

A complete data support documentation of this inorganic and wet chemistry QA review is provided in Section 4 of this report. The cover sheet for this section is a checklist of all of the QA procedures required by the analytical protocols and examined in this data review.

C. Conclusions

This QA review has identified several aspects of the analytical data that required qualification. Several of the organic data were qualified due to blank contamination, calibration issues, exceeded holding times of unpreserved samples, low LCS recoveries, low matrix spike and/or matrix spike duplicate recoveries, low surrogate recoveries, poor duplicate precision between the matrix spike and matrix spike duplicate samples, air bubbles in the project sample vials, quantitative compound identification problems, and quantitation of positive results below the quantitation limit. Several of the inorganic data were qualified due to blank contamination, ICP interference, low matrix spike and matrix spike duplicate recoveries, and poor field duplicate precision. To confidently use any of the analytical data within this sample set, the data user should understand the limitations of the results. The Laboratory Case Narrative and Project Chain-of-Custody Records are presented in Section 5. The Project Correspondence is presented in Section 6.

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SECTION 2

ANALYTICAL RESULTS

ORGANIC DATA TABLE NOTES

U	This compound was not detected at or above the associated numerical value.
U*	This compound should be considered "not-detected" since it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
R	Unusable result; compound may or may not be present in this sample.
UJ	This compound was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.
UR	Unusable "not-detected" result; compound may or may not be present in this sample.
N	This result should be considered a tentative qualitative identification.

INORGANIC AND WET CHEMISTRY DATA TABLE NOTES

U	This analyte was not detected at or above the associated numerical value.
U*	This analyte should be considered "not-detected" since it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
R	Unusable result; analyte may or may not be present in this sample.
UJ	This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.
UR	Unusable "not-detected" result; analyte may or may not be present in this sample.

BASF - Final, Volatile Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N			MW000PMINA		
					A6L190128022			A6L190128019		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		5	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	U		50	U
3	67641	Acetone	8260A	ug/L		10	UR	92	50	U*
4	75058	Acetonitrile	8260A	ug/L		100	UR		500	UR
5	107028	Acrolein	8260A	ug/L		10	UR		50	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		50	UR
7	71432	Benzene	8260A	ug/L		1	U		5	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	U		5	U
9	75252	Bromoform	8260A	ug/L		1	U		5	U
10	74839	Bromomethane	8260A	ug/L		1	U		5	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	U	3.5	5	J
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		5	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		5	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		5	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		100	U
16	75003	Chloroethane	8260A	ug/L		1	U		5	U
17	67663	Chloroform	8260A	ug/L		1	U		5	U
18	74873	Chloromethane	8260A	ug/L		1	U		5	U
19	74953	Dibromomethane	8260A	ug/L		1	U		5	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		5	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		5	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		5	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		5	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		10	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		5	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		5	U

BASF - Final, Volatile Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N			MW000PMINA		
					A6L190128022			A6L190128019		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		5	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		5	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		5	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		5	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		5	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		5	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		5	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		5	U
35	591786	2-Hexanone	8260A	ug/L		10	U		50	U
36	74884	Iodomethane	8260A	ug/L		10	U		50	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		2,500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		100	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		5	U
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		5	U
41	107120	Propionitrile	8260A	ug/L		100	UR		500	UR
42	100425	Styrene	8260A	ug/L		1	U		5	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		5	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		5	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		5	U
46	108883	Toluene	8260A	ug/L		1	U		5	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		5	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		5	U
49	79016	Trichloroethene	8260A	ug/L		1	U		5	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		5	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		50	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		5	U

BASF - Final, Volatile Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N			MW000PMINA		
					A6L190128022			A6L190128019		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		5	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		5	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		50	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		50	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		5	UJ

BASF - Final, Volatile Analytical Results

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		11	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U*		1	U*
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L	1.1	1			1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

					MW000RFIMW-10D			MW000RFIMW-11		
					A6L190128013			A6L190128012		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-10D			MW000RFIMW-11		
					A6L190128013			A6L190128012		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

					MW000RFIMW-10D			MW000RFIMW-11		
					A6L190128013			A6L190128012		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	UJ

BASF - Final, Volatile Analytical Results

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		2.5	UJ		1	U
2	107051	3-Chloropropene	8260A	ug/L		25	U		10	U
3	67641	Acetone	8260A	ug/L	150	25	J		10	UR
4	75058	Acetonitrile	8260A	ug/L		250	UR		100	UR
5	107028	Acrolein	8260A	ug/L		25	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		25	UR		10	UR
7	71432	Benzene	8260A	ug/L		2.5	UJ		1	U
8	75274	Bromodichloromethane	8260A	ug/L		2.5	U		1	U
9	75252	Bromoform	8260A	ug/L		2.5	U		1	U
10	74839	Bromomethane	8260A	ug/L		2.5	UJ		1	U
11	75150	Carbon disulfide	8260A	ug/L	2.2	2.5			1	U
12	56235	Carbon tetrachloride	8260A	ug/L		2.5	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		2.5	UJ		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		2.5	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		50	U		20	U
16	75003	Chloroethane	8260A	ug/L		2.5	U		1	U
17	67663	Chloroform	8260A	ug/L		2.5	U		1	U
18	74873	Chloromethane	8260A	ug/L		2.5	U		1	U
19	74953	Dibromomethane	8260A	ug/L		2.5	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		2.5	UJ		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		2.5	UJ		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		2.5	UJ		11	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		2.5	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		5	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		2.5	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		2.5	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		2.5	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		2.5	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		2.5	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		2.5	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		2.5	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		2.5	UJ		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		2.5	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		2.5	U		1	U
35	591786	2-Hexanone	8260A	ug/L		25	U		10	U
36	74884	Iodomethane	8260A	ug/L		25	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		1,200	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		50	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		2.5	U		1	U
40	80626	Methyl methacrylate	8260A	ug/L		2.5	U		1	UJ
41	107120	Propionitrile	8260A	ug/L		250	UR		100	UR
42	100425	Styrene	8260A	ug/L		2.5	UJ		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		2.5	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		2.5	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		2.5	U		1	U
46	108883	Toluene	8260A	ug/L		2.5	UJ		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		2.5	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		2.5	U		1	U
49	79016	Trichloroethene	8260A	ug/L		2.5	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		2.5	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		25	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		2.5	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		2.5	UJ		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		2.5	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		25	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L	21	25	J		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		2.5	UJ		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		170	UR		1	U
2	107051	3-Chloropropene	8260A	ug/L		1,700	UR		10	U
3	67641	Acetone	8260A	ug/L	12,000	1,700	J		10	UR
4	75058	Acetonitrile	8260A	ug/L		17,000	UR		100	UR
5	107028	Acrolein	8260A	ug/L		1,700	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		1,700	UR		10	UR
7	71432	Benzene	8260A	ug/L	2,800	170	J		1	U
8	75274	Bromodichloromethane	8260A	ug/L		170	UR		1	U
9	75252	Bromoform	8260A	ug/L		170	UR		1	U
10	74839	Bromomethane	8260A	ug/L		170	UR		1	U
11	75150	Carbon disulfide	8260A	ug/L		170	UR		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		170	UR		1	U
13	108907	Chlorobenzene	8260A	ug/L		170	UR	0.78	1	J
14	124481	Chlorodibromomethane	8260A	ug/L		170	UR		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		3,300	UR		20	U
16	75003	Chloroethane	8260A	ug/L		170	UR		1	U
17	67663	Chloroform	8260A	ug/L		170	UR		1	U
18	74873	Chloromethane	8260A	ug/L		170	UR		1	U
19	74953	Dibromomethane	8260A	ug/L		170	UR		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		170	UR		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		170	UR		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		170	UR		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		170	UR		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		330	UR		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		170	UR		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		170	UR		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		170	UR		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		170	UR		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		170	UR		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		170	UR		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		170	UR		1	U
32	100414	Ethylbenzene	8260A	ug/L		170	UR		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		170	UR		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		170	UR		1	U
35	591786	2-Hexanone	8260A	ug/L		1,700	UR		10	U
36	74884	Iodomethane	8260A	ug/L		1,700	UR		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		83,000	UR		500	UR
38	126987	Methac. ylonitrile	8260A	ug/L		3,300	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L	250	170	U*		1	U
40	80626	Methyl methacrylate	8260A	ug/L		170	UR		1	UJ
41	107120	Propionitrile	8260A	ug/L		17,000	UR		100	UR
42	100425	Styrene	8260A	ug/L		170	UR		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		170	UR		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		170	UR		1	U
45	127184	Tetrachloroethene	8260A	ug/L		170	UR		1	U
46	108883	Toluene	8260A	ug/L	97	170	J		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		170	UR		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		170	UR		1	U
49	79016	Trichloroethene	8260A	ug/L		170	UR		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		170	UR		1	U
51	108054	Vinyl acetate	8260A	ug/L		1,700	UR		10	U
52	75014	Vinyl chloride	8260A	ug/L	230	170	J		1	U

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		170	UR		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		170	UR		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		1,700	UR		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		1,700	UR		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		170	UR		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-24 (MS/MSD)			MW000RFIMW-25		
					A6L190128025			A6L190128023		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		11	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

					MW000RFIMW-24 (MS/MSD)			MW000RFIMW-25		
					A6L190128025			A6L190128023		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U*		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-24 (MS/MSD)			MW000RFIMW-25		
					A6L190128025			A6L190128023		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

					MW000RFIMW-25D			MW000RFIMW-26		
					A6L190128024			A6L190128026		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		1	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	U*		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-25D			MW000RFIMW-26		
					A6L190128024			A6L190128026		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U*		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

					MW000RFIMW-25D			MW000RFIMW-26		
					A6L190128024			A6L190128026		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

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					MW000RFIMW-27			MW000RFIMW-28		
					A6L190128021			A6L190128017		
					12/20/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR	14	10	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U	2.3	1	J
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

					MW000RFIMW-27			MW000RFIMW-28		
					A6L190128021			A6L190128017		
					12/20/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

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					MW000RFIMW-27			MW000RFIMW-28		
					A6L190128021			A6L190128017		
					12/20/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	UJ

					MW000RFIMW-29			MW000RFIMW-3		
					A6L190128020			A6L190128003		
					12/20/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR	17	10	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L	1.9	1			1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-29			MW000RFIMW-3		
					A6L190128020			A6L190128003		
					12/20/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

					MW000RFIMW-29			MW000RFIMW-3		
					A6L190128020			A6L190128003		
					12/20/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U	6.4	10	J
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

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					MW000RFIMW-4			MW000RFIMW-5		
					A6L190128004			A6L190128005		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR	86	10	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U	0.68	1	J
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

					MW000RFIMW-4			MW000RFIMW-5		
					A6L190128004			A6L190128005		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U	0.72	1	J
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U	1.1	1	U*
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

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					MW000RFIMW-4			MW000RFIMW-5		
					A6L190128004			A6L190128005		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

					MW000RFIMW-6			MW000RFIMW-7		
					A6L190128006			A6L190128007		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		2.5	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		25	U
3	67641	Acetone	8260A	ug/L		10	UR	100	25	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		250	UR
5	107028	Acrolein	8260A	ug/L		10	UR		25	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		25	UR
7	71432	Benzene	8260A	ug/L		1	U		2.5	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		2.5	U
9	75252	Bromoform	8260A	ug/L		1	U		2.5	U
10	74839	Bromomethane	8260A	ug/L		1	U		2.5	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		2.5	U
12	56235	Carbo(tetrachloride	8260A	ug/L		1	U		2.5	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		2.5	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		2.5	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		50	U
16	75003	Chloroethane	8260A	ug/L		1	U		2.5	U
17	67663	Chloroform	8260A	ug/L		1	U		2.5	U
18	74873	Chloromethane	8260A	ug/L		1	U		2.5	U
19	74953	Dibromomethane	8260A	ug/L		1	U		2.5	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		2.5	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		2.5	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		2.5	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		2.5	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		5	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U	12	2.5	
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		2.5	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-6			MW000RFIMW-7		
					A6L190128006			A6L190128007		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U	3.5	2.5	
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		2.5	U
29	78875	1,2-Dichloropropane	8260A	ug/L	35	1			2.5	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		2.5	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		2.5	U
32	100414	Ethylbenzene	8260A	ug/L		1	U	19	2.5	
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		2.5	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		2.5	U
35	591786	2-Hexanone	8260A	ug/L		10	U		25	U
36	74884	Iodomethane	8260A	ug/L		10	U		25	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		1,200	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		50	UR
39	75092	Methylene chloride	8260A	ug/L	1.2	1	U*		2.5	U*
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		2.5	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		250	UR
42	100425	Styrene	8260A	ug/L		1	U		2.5	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		2.5	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		2.5	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		2.5	U
46	108883	Toluene	8260A	ug/L		1	U	2.1	2.5	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U	69	2.5	
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		2.5	U
49	79016	Trichloroethene	8260A	ug/L		1	U		2.5	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		2.5	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		25	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		2.5	U

					MW000RFIMW-6			MW000RFIMW-7		
					A6L190128006			A6L190128007		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U	14	2.5	
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		2.5	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		25	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U	22	25	
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U	30	2.5	

BASF - Final, Volatile Analytical Results

					MW000RFIMW-8			MW000RFIMW-9		
					A6L190128008			A6L190128009		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

					MW000RFIMW-8			MW000RFIMW-9		
					A6L190128008			A6L190128009		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L	1.2	1	U*	1.2	1	U*
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-8			MW000RFIMW-9		
					A6L190128008			A6L190128009		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	U
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					RS000RFIMW-26			TB-12/18/96		
					A6L190128027			A6L190128010		
					12/20/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		1	UR
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	UR
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	UR
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	UR
9	75252	Bromoform	8260A	ug/L		1	U		1	UR
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UR
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	UR
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	UR
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	UR
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	UR
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	UR
16	75003	Chloroethane	8260A	ug/L		1	U		1	UR
17	67663	Chloroform	8260A	ug/L		1	U		1	UR
18	74873	Chloromethane	8260A	ug/L		1	U		1	UR
19	74953	Dibromomethane	8260A	ug/L		1	U		1	UR
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	UR
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	UR
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	UR
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	UR
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	UR
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	UR
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	UR

BASF - Final, Volatile Analytical Results

					RS000RFIMW-26			TB-12/18/96		
					A6L190128027			A6L190128010		
					12/20/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	UR
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	UR
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	UR
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	UR
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	UR
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	UR
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	UR
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	UR
35	591786	2-Hexanone	8260A	ug/L		10	U		10	UR
36	74884	Iodomethane	8260A	ug/L		10	U		10	UR
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U	1.4	1	J
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	UR
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	UR
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	UR
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	UR
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	UR
46	108883	Toluene	8260A	ug/L		1	U		1	UR
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	UR
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	UR
49	79016	Trichloroethene	8260A	ug/L		1	U		1	UR
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	UR
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	UR
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	UR

					RS000RFIMW-26			TB-12/18/96		
					A6L190128027			A6L190128010		
					12/20/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	UR
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	UR
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	UR
56	78933	Methyl ethyl ketone	8260A	ug/L		10	U		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	UR

BASF - Final, Volatile Analytical Results

					TB-12/19/96			TB-12/20/96		
					A6L190128018			A6L190128028		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UR		1	UR
2	107051	3-Chloropropene	8260A	ug/L		10	UR		10	UR
3	67641	Acetone	8260A	ug/L		10	UR	5.2	10	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	UR		1	UR
8	75274	Bromodichloromethane	8260A	ug/L		1	UR		1	UR
9	75252	Bromoform	8260A	ug/L		1	UR		1	UR
10	74839	Bromomethane	8260A	ug/L		1	UR		1	UR
11	75150	Carbon disulfide	8260A	ug/L		1	UR		1	UR
12	56235	Carbon tetrachloride	8260A	ug/L		1	UR		1	UR
13	108907	Chlorobenzene	8260A	ug/L		1	UR		1	UR
14	124481	Chlorodibromomethane	8260A	ug/L		1	UR		1	UR
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UR		20	UR
16	75003	Chloroethane	8260A	ug/L		1	UR		1	UR
17	67663	Chloroform	8260A	ug/L		1	UR		1	UR
18	74873	Chloromethane	8260A	ug/L		1	UR		1	UR
19	74953	Dibromomethane	8260A	ug/L		1	UR		1	UR
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UR		1	UR
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UR		1	UR
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UR		1	UR
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UR		1	UR
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UR		2	UR
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UR		1	UR
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UR		1	UR

BASF - Final, Volatile Analytical Results

					TB-12/19/96			TB-12/20/96		
					A6L190128018			A6L190128028		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UR		1	UR
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UR		1	UR
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UR		1	UR
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UR		1	UR
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UR		1	UR
32	100414	Ethylbenzene	8260A	ug/L		1	UR		1	UR
33	97632	Ethyl methacrylate	8260A	ug/L		1	UR		1	UR
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UR		1	UR
35	591786	2-Hexanone	8260A	ug/L		10	UR		10	UR
36	74884	Iodomethane	8260A	ug/L		10	UR		10	UR
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L	0.63	1	J		1	UR
40	80626	Methyl methacrylate	8260A	ug/L		1	UR		1	UR
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UR		1	UR
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UR		1	UR
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UR		1	UR
45	127184	Tetrachloroethene	8260A	ug/L		1	UR		1	UR
46	108883	Toluene	8260A	ug/L		1	UR		1	UR
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UR		1	UR
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UR		1	UR
49	79016	Trichloroethene	8260A	ug/L		1	UR		1	UR
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UR		1	UR
51	108054	Vinyl acetate	8260A	ug/L		10	UR		10	UR
52	75014	Vinyl chloride	8260A	ug/L		1	UR		1	UR

BASF - Final, Volatile Analytical Results

					TB-12/19/96			TB-12/20/96		
					A6L190128018			A6L190128026		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	UR		1	UR
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UR		1	UR
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UR		10	UR
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UR		1	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N					
					A6L190128022					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	U		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N					
					A6L190128022					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UR		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	UJ		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UR		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	UR		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UR		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UR		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UR		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N					
					A6L190128022					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	UR		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	UR		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	UR		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	UR		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UR		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N					
					A6L190128022					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	UR		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	UR		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	U		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UR		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UR		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UR		5	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N					
					A6L190128022					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L	3	50	J	3.6	50	J
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000PMINA					
					A6L190128019					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	U		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000PMINA					
					A6L190128019					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	UJ		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L	1.8	10	J	2.8	10	J
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000PMINA					
					A6L190128019					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UJ		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L	3.3	10	JN	4.2	10	JN
68	106445	4-Methylphenol	8270B	ug/L	3.3	10	JN	4.2	10	JN
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000PMINA					
					A6L190128019					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	U		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000PMINA					
					A6L190128019					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		200	U		50	U
2	60515	Dimethoate	8270B	ug/L		800	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		80	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		400	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		400	U		100	U
6	62442	Phenacetin	8270B	ug/L		200	U		50	U
7	23950585	Pronamide	8270B	ug/L		80	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		200	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		40	U		10	U
11	83329	Acenaphthene	8270B	ug/L		20	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		20	U		5	U
13	98862	Acetophenone	8270B	ug/L		40	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		80	U		20	U
15	62533	Aniline	8270B	ug/L		40	U		10	U
16	120127	Anthracene	8270B	ug/L		20	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		20	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		20	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		20	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		20	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		20	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		40	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		40	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		20	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		20	U	1.5	5	J
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		20	U		5	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		20	U		5	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		40	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		20	UR		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		40	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		20	UR		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		40	U		10	U
33	218019	Chrysene	8270B	ug/L		20	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		20	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		20	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		20	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		80	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		20	UR		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		40	UR		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		20	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		200	UJ		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		20	UR		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		20	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		40	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		40	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		200	UR		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		200	UR		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		20	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		20	U		5	U
50	122394	Diphenylamine	8270B	ug/L		40	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		40	U		10	U
52	206440	Fluoranthene	8270B	ug/L		20	U		5	U
53	86737	Fluorene	8270B	ug/L		20	U		5	U

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		20	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		20	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		20	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		20	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		20	U		5	U
59	78591	Isophorone	8270B	ug/L		20	U		5	U
60	120581	Isosafrole	8270B	ug/L		40	U		10	U
61	91805	Methapyrilene	8270B	ug/L		400	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		40	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		400	U		100	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		40	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		20	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		20	UR		5	UR
67	108394	3-Methylphenol	8270B	ug/L		40	UR		10	UR
68	106445	4-Methylphenol	8270B	ug/L		40	UR		10	UR
69	91203	Naphthalene	8270B	ug/L		20	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		800	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		40	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		40	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		200	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		200	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		200	U		50	U
76	98953	Nitrobenzene	8270B	ug/L		20	U		5	U
77	88755	2-Nitrophenol	8270B	ug/L		40	UR		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		200	UR		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		400	U		100	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		40	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		40	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		40	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		40	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		20	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		20	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		40	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		40	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		40	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		40	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		40	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		20	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		200	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		200	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		200	UR		50	UR
95	85018	Phenanthrene	8270B	ug/L		20	U		5	U
96	108952	Phenol	8270B	ug/L		20	UR		5	UR
97	109068	2-Picoline	8270B	ug/L		80	U		20	U
98	129000	Pyrene	8270B	ug/L		20	U		5	U
99	110861	Pyridine	8270B	ug/L		40	U		10	U
100	94597	Safrole	8270B	ug/L		40	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		20	U		5	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		200	UR		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		20	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		40	UR		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		20	UR		5	UR

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		200	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		40	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L	190	200	J		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		40	U		10	U

BASF - Final, Semi-Volatile Analytical Results

									MW000RFIMW-10D		
									A6L190128013		
									12/19/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
1	92671	4-Aminobiphenyl	8270B	ug/L		140	UJ		50	U	
2	60515	Dimethoate	8270B	ug/L		570	UJ		200	U	
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		57	UJ		20	U	
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		290	UJ		100	U	
5	1888717	Hexachloropropene	8270B	ug/L		290	UJ		100	U	
6	62442	Phenacetin	8270B	ug/L		140	UJ		50	U	
7	23950585	Pronamide	8270B	ug/L		57	UJ		20	U	
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		140	UJ		50	UJ	
9	2303164	Diallate	8270B	ug/L		29	UJ		10	U	
11	83329	Acenaphthene	8270B	ug/L		14	UJ		5	U	
12	208968	Acenaphthylene	8270B	ug/L		14	UJ		5	U	
13	98862	Acetophenone	8270B	ug/L		29	UJ		10	U	
14	53963	2-Acetylaminofluorene	8270B	ug/L		57	UJ		20	U	
15	62533	Aniline	8270B	ug/L		29	UJ		10	U	
16	120127	Anthracene	8270B	ug/L		14	UJ		5	U	
17	56553	Benzo(a)anthracene	8270B	ug/L		14	UJ		5	U	
18	205992	Benzo(b)fluoranthene	8270B	ug/L		14	UJ		5	U	
19	207089	Benzo(k)fluoranthene	8270B	ug/L		14	UJ		5	U	
20	191242	Benzo(ghi)perylene	8270B	ug/L		14	UJ		5	U	
21	50328	Benzo(a)pyrene	8270B	ug/L		14	UJ		5	U	
22	100516	Benzyl alcohol	8270B	ug/L		29	UJ		10	U	
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		29	UJ		10	U	
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		14	UJ		5	U	
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		14	UJ		5	U	
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		14	UJ		5	U	
27	85687	Butyl benzyl phthalate	8270B	ug/L		14	UJ		5	U	

BASF - Final, Semi-Volatile Analytical Results

									MW000RFIMW-10D		
									A6L190128013		
									12/19/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
28	106478	4-Chloroaniline	8270B	ug/L		29	UJ		10	U	
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		14	UJ		5	U	
30	91587	2-Chloronaphthalene	8270B	ug/L		29	UJ		10	U	
31	95578	2-Chlorophenol	8270B	ug/L		14	UJ		5	U	
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		29	UJ		10	UJ	
33	218019	Chrysene	8270B	ug/L		14	UJ		5	U	
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		14	UJ		5	U	
35	132649	Dibenzofuran	8270B	ug/L		14	UJ		5	UJ	
36	84742	Di-n-butyl phthalate	8270B	ug/L		14	UJ		5	U	
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		57	UJ		20	U	
38	120832	2,4-Dichlorophenol	8270B	ug/L		14	UR		5	U	
39	87650	2,6-Dic[illegible]orophenol	8270B	ug/L		29	UR		10	U	
40	84662	Diethyl phthalate	8270B	ug/L		14	UJ		5	U	
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		140	UJ		50	UJ	
42	105679	2,4-Dimethylphenol	8270B	ug/L		14	UR		5	U	
43	131113	Dimethyl phthalate	8270B	ug/L		14	UJ		5	U	
44	117840	Di-n-octyl phthalate	8270B	ug/L		29	UJ		10	U	
45	99650	1,3-Dinitrobenzene	8270B	ug/L		29	UJ		10	U	
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		140	UR		50	U	
47	51285	2,4-Dinitrophenol	8270B	ug/L		140	UR		50	U	
48	121142	2,4-Dinitrotoluene	8270B	ug/L		14	UJ		5	UJ	
49	606202	2,6-Dinitrotoluene	8270B	ug/L		14	UJ		5	U	
50	122394	Diphenylamine	8270B	ug/L		29	UJ		10	U	
51	62500	Ethyl methanesulfonate	8270B	ug/L		29	UJ		10	U	
52	206440	Fluoranthene	8270B	ug/L		14	UJ		5	U	
53	86737	Fluorene	8270B	ug/L		14	UJ		5	UJ	

BASF - Final, Semi-Volatile Analytical Results

									MW000RFIMW-10D			
									A6L190128013			
									12/19/96			
					X1							
					U				U			
					WATER				WATER			
					Result	Detect Limit	Final Qual		Result	Detect Limit	Final Qual	
54	118741	Hexachlorobenzene	8270B	ug/L		14	UJ			5	U	
55	87683	Hexachlorobutadiene	8270B	ug/L		14	UJ			5	U	
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		14	UJ			5	U	
57	67721	Hexachloroethane	8270B	ug/L		14	UJ			5	U	
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		14	UJ			5	U	
59	78591	Isophorone	8270B	ug/L		14	UJ			5	U	
60	120581	Isosafrole	8270B	ug/L		29	UJ			10	U	
61	91805	Methapyrilene	8270B	ug/L		290	UR			100	UR	
62	95534	o-Toluidine	8270B	ug/L		29	UJ			10	U	
63	56495	3-Methylcholanthrene	8270B	ug/L		290	UJ			100	U	
64	66273	Methyl methanesulfonate	8270B	ug/L		29	UJ			10	U	
65	91576	2-Methylnaphthalene	8270B	ug/L		14	UJ			5	U	
66	95487	2-Methylphenol	8270B	ug/L		14	UR			5	U	
67	108394	3-Methylphenol	8270B	ug/L		29	UR			10	U	
68	106445	4-Methylphenol	8270B	ug/L		29	UR			10	U	
69	91203	Naphthalene	8270B	ug/L		14	UJ			5	U	
70	130154	1,4-Naphthoquinone	8270B	ug/L		570	UJ			200	U	
71	134327	1-Naphthylamine	8270B	ug/L		29	UJ			10	U	
72	91598	2-Naphthylamine	8270B	ug/L		29	UJ			10	U	
73	88744	2-Nitroaniline	8270B	ug/L		140	UJ			50	U	
74	99092	3-Nitroaniline	8270B	ug/L		140	UJ			50	U	
75	100016	4-Nitroaniline	8270B	ug/L		140	UJ			50	UJ	
76	98953	Nitrobenzene	8270B	ug/L		14	UJ			5	U	
77	88755	2-Nitrophenol	8270B	ug/L		29	UR			10	U	
78	100027	4-Nitrophenol	8270B	ug/L		140	UR			50	UJ	
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		290	UJ			100	U	

								MW000RFIMW-10D			
								A6L190128013			
								12/19/96			
					X1						
					U			U			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
80	88857	Dinoseb	8270B	ug/L		29	UJ		10	U	
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		29	UJ		10	U	
82	55185	N-Nitrosodiethylamine	8270B	ug/L		29	UJ		10	U	
83	62759	N-Nitrosodimethylamine	8270B	ug/L		29	UJ		10	U	
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		14	UJ		5	U	
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		14	UJ		5	U	
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		29	UJ		10	U	
87	59892	N-Nitrosomorpholine	8270B	ug/L		29	UJ		10	U	
88	100754	N-Nitrosopiperidine	8270B	ug/L		29	UJ		10	U	
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		29	UJ		10	U	
90	99558	5-Nitro-o-toluidine	8270B	ug/L		29	UJ		10	U	
91	608935	Pentachlorobenzene	8270B	ug/L		14	UJ		5	U	
92	76017	Pentachloroethane	8270B	ug/L		140	UJ		50	U	
93	82688	Pentachloronitrobenzene	8270B	ug/L		140	UJ		50	U	
94	87865	Pentachlorophenol	8270B	ug/L		140	UJ		50	U	
95	85018	Phenanthrene	8270B	ug/L		14	UJ		5	U	
96	108952	Phenol	8270B	ug/L		14	UJ		5	U	
97	109068	2-Picoline	8270B	ug/L		57	UJ		20	U	
98	129000	Pyrene	8270B	ug/L		14	UJ		5	U	
99	110861	Pyridine	8270B	ug/L		29	UJ		10	U	
100	94597	Safrole	8270B	ug/L		29	UJ		10	U	
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		14	UJ		5	U	
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		140	UR		50	U	
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		14	UJ		5	U	
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		29	UR		10	U	
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		14	UR		5	U	

BASF - Final, Semi-Volatile Analytical Results

									MW000RFIMW-10D		
									A6L190128013		
									12/19/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		140	UR		50	UR	
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		29	UJ		10	U	
108	123911	1,4-Dioxane	8270B	ug/L		140	UJ		50	U	
222	510156	p-Chlorobenzilate	8270B	ug/L		29	UJ		10	U	

					MW000RFIMW-11					
					A6L190128012					
					12/19/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	U		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	2.5	5	J		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-11					
					A6L190128012					
					12/19/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UR		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	UR		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	UJ		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	UJ		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UR		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	UR		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	UJ		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UR		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UR		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UR		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	UJ		5	UR

					MW000RFIMW-11					
					A6L190128012					
					12/19/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	UR		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	UR		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	UR		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	UJ		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	UR		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UR		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-11					
					A6L190128012					
					12/19/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	UR		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	UR		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UR		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UR		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UR		5	UR

					MW000RFIMW-11					
					A6L190128012					
					12/19/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		1,000	U		50	U
2	60515	Dimethoate	8270B	ug/L		4,000	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		400	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		2,000	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		2,000	U		100	U
6	62442	Phenacetin	8270B	ug/L		1,000	U		50	U
7	23950585	Pronamide	8270B	ug/L		400	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		1,000	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		200	U		10	U
11	83329	Acenaphthene	8270B	ug/L		100	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		100	U		5	U
13	98862	Acetophenone	8270B	ug/L		200	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		400	U		20	U
15	62533	Aniline	8270B	ug/L		200	U		10	U
16	120127	Anthracene	8270B	ug/L		100	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		100	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		100	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		100	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		100	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		100	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		200	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		200	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		100	U	37	5	
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		100	U		5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		100	U		5	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		100	U		5	U

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		200	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		100	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		200	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		100	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		200	UJ		10	U
33	218019	Chrysene	8270B	ug/L		100	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		100	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		100	UJ		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		100	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		400	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		100	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		200	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L		100	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		1,000	UJ		50	UJ
42	105679	2,4-Dimethylphenol	8270B	ug/L		100	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		100	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		200	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		200	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		1,000	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		1,000	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		100	UJ		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		100	U		5	U
50	122394	Diphenylamine	8270B	ug/L		200	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		200	U		10	U
52	206440	Fluoranthene	8270B	ug/L		100	U		5	U
53	86737	Fluorene	8270B	ug/L		100	UJ		5	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		100	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		100	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		100	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		100	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		100	U		5	U
59	78591	Isophorone	8270B	ug/L		100	U		5	U
60	120581	Isosafrole	8270B	ug/L		200	U		10	U
61	91805	Methapyrilene	8270B	ug/L		2,000	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		200	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		2,000	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		200	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		100	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		100	U		5	U
67	108394	3-Methylphenol	8270B	ug/L	89	200	JN	55	10	JN
68	106445	4-Methylphenol	8270B	ug/L	89	200	JN	55	10	JN
69	91203	Naphthalene	8270B	ug/L		100	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		4,000	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		200	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		200	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		1,000	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		1,000	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		1,000	UJ		50	U
76	98953	Nitrobenzene	8270B	ug/L		100	U		5	U
77	88755	2-Nitrophenol	8270B	ug/L		200	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		1,000	UJ		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		2,000	U		100	U

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		200	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		200	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		200	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		200	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		100	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		100	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		200	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		200	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		200	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		200	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		200	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		100	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		1,000	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		1,000	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		1,000	U		50	U
95	85018	Phenanthrene	8270B	ug/L		100	U		5	U
96	108952	Phenol	8270B	ug/L	940	100			5	U
97	109068	2-Picoline	8270B	ug/L		400	U		20	U
98	129000	Pyrene	8270B	ug/L		100	U		5	U
99	110861	Pyridine	8270B	ug/L		200	U		10	U
100	94597	Safrole	8270B	ug/L		200	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		100	U		5	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		1,000	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		100	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		200	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		100	U		5	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		1,000	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		200	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		1,000	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		200	U		10	U

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		1,000	U		50	U
2	60515	Dimethoate	8270B	ug/L		4,000	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		400	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		2,000	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		2,000	U		100	U
6	62442	Phenacetin	8270B	ug/L		1,000	U		50	U
7	23950585	Pronamide	8270B	ug/L		400	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		1,000	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		200	U		10	U
11	83329	Acenaphthene	8270B	ug/L		100	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		100	U		5	U
13	98862	Acetophenone	8270B	ug/L		200	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		400	U		20	U
15	62533	Aniline	8270B	ug/L		200	U		10	U
16	120127	Anthracene	8270B	ug/L		100	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		100	U	1.9	5	J
18	205992	Benzo(b)fluoranthene	8270B	ug/L		100	U	1.9	5	J
19	207089	Benzo(k)fluoranthene	8270B	ug/L		100	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		100	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		100	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		200	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		200	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L	37	100	J		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		100	U	1.4	5	J
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		100	U		5	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		100	U		5	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		200	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		100	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		200	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		100	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		200	UJ		10	UJ
33	218019	Chrysene	8270B	ug/L		100	U	1.8	5	J
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		100	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		100	UJ		5	UJ
36	84742	Di-n-butyl phthalate	8270B	ug/L		100	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		400	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		100	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		200	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L		100	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		1,000	UJ		50	UJ
42	105679	2,4-Dimethylphenol	8270B	ug/L		100	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		100	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		200	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		200	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		1,000	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		1,000	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		100	UJ		5	UJ
49	606202	2,6-Dinitrotoluene	8270B	ug/L		100	U		5	U
50	122394	Diphenylamine	8270B	ug/L		200	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		200	U		10	U
52	206440	Fluoranthene	8270B	ug/L		100	U	13	5	
53	86737	Fluorene	8270B	ug/L		100	UJ		5	UJ

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		100	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		100	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		100	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		100	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		100	U		5	U
59	78591	Isophorone	8270B	ug/L		100	U		5	U
60	120581	Isosafrole	8270B	ug/L		200	U		10	U
61	91805	Methapyrilene	8270B	ug/L		2,000	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		200	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		2,000	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		200	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		100	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		100	U		5	U
67	108394	3-Methylphenol	8270B	ug/L		200	U		10	U
68	106445	4-Methylphenol	8270B	ug/L		200	U		10	U
69	91203	Naphthalene	8270B	ug/L		100	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		4,000	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		200	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		200	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		1,000	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		1,000	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		1,000	UJ		50	UJ
76	98953	Nitrobenzene	8270B	ug/L		100	U		5	U
77	88755	2-Nitrophenol	8270B	ug/L		200	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		1,000	UJ		50	UJ
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		2,000	U		100	U

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		200	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		200	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		200	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		200	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		100	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		100	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		200	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		200	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		200	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		200	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		200	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		100	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		1,000	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		1,000	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		1,000	U		50	U
95	85018	Phenanthrene	8270B	ug/L		100	U		5	U
96	108952	Phenol	8270B	ug/L		100	U		5	U
97	109068	2-Picoline	8270B	ug/L		400	U		20	U
98	129000	Pyrene	8270B	ug/L		100	U	10	5	
99	110861	Pyridine	8270B	ug/L		200	U		10	U
100	94597	Safrole	8270B	ug/L		200	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		100	U		5	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		1,000	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		100	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		200	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		100	U		5	U

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		1,000	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		200	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L	56	1,000	J		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		200	U		10	U

					MW000RFIMW-24 (MS/MSD)					
					A6L190128025					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		100	UR
2	60515	Dimethoate	8270B	ug/L		200	U		400	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		40	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		200	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		200	UR
6	62442	Phenacetin	8270B	ug/L		50	U		100	UR
7	23950585	Pronamide	8270B	ug/L		20	U		40	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		100	UR
9	2303164	Diallate	8270B	ug/L		10	U		20	UR
11	83329	Acenaphthene	8270B	ug/L		5	U		10	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		10	UR
13	98862	Acetophenone	8270B	ug/L		10	U		20	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		40	UR
15	62533	Aniline	8270B	ug/L		10	U		20	UR
16	120127	Anthracene	8270B	ug/L		5	U		10	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		10	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		10	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		10	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		10	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		10	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		20	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		20	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		10	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U	4.1	10	J
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		10	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-24 (MS/MSD)					
					A6L190128025					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	UJ		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

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					MW000RFIMW-24 (MS/MSD)					
					A6L190128025					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-24 (MS/MSD)					
					A6L190128025					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	U		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-24 (MS/MSD)					
					A6L190128025					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-25					
					A6L190128023					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	U		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-25					
					A6L190128023					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	UJ		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UR		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	UR		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UR		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UR		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UR		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-25					
					A6L190128023					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	UR		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	UR		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	UR		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	UR		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UR		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-25					
					A6L190128023					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	UR		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	UR		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	U		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UR		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UR		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UR		5	UR

					MW000RFIMW-25					
					A6L190128023					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

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					MW000RFIMW-25D					
					A6L190128024					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	1.2	5	J		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-25D					
					A6L190128024					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UR		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	UJ		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L	3.7	5	J		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UR		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	UR		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UR		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UR		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UR		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-25D					
					A6L190128024					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	UR		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	UR		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	UR		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	UR		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UR		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-25D					
					A6L190128024					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	UR		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	UR		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UR		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UR		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UR		5	UR

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					MW000RFIMW-25D					
					A6L190128024					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-26					
					A6L190128026					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		60	UR
2	60515	Dimethoate	8270B	ug/L		200	U		240	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		24	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		120	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		120	UR
6	62442	Phenacetin	8270B	ug/L		50	U		60	UR
7	23950585	Pronamide	8270B	ug/L		20	U		24	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		60	UR
9	2303164	Diallate	8270B	ug/L		10	U		12	UR
11	83329	Acenaphthene	8270B	ug/L		5	U		6	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		6	UR
13	98862	Acetophenone	8270B	ug/L		10	U		12	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		24	UR
15	62533	Aniline	8270B	ug/L		10	U		12	UR
16	120127	Anthracene	8270B	ug/L		5	U		6	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		6	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		6	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		6	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		6	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		6	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		12	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		12	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		6	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		6	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		6	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		6	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-26					
					A6L190128026					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		12	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		6	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		12	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	UJ		6	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		12	UR
33	218019	Chrysene	8270B	ug/L		5	U		6	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		6	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		6	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		6	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		24	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		6	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		12	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		6	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		60	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		6	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		6	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		12	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		12	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		60	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		60	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		6	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		6	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		12	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		12	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		6	UR
53	86737	Fluorene	8270B	ug/L		5	U		6	UR

					MW000RFIMW-26					
					A6L190128026					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		6	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		6	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		6	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		6	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		6	UR
59	78591	Isophorone	8270B	ug/L		5	U		6	UR
60	120581	Isosafrole	8270B	ug/L		10	U		12	UR
61	91805	Methapyrilene	8270B	ug/L		100	UR		120	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		12	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		120	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		12	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		6	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		6	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		12	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		12	UR
69	91203	Naphthalene	8270B	ug/L		5	U		6	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		240	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		12	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		12	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		60	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		60	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		60	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		6	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		12	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		60	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		120	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-26					
					A6L190128026					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		12	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		12	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		12	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		12	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		6	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		6	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		12	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		12	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		12	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		12	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		12	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		6	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		60	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		60	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		60	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		6	UR
96	108952	Phenol	8270B	ug/L		5	U		6	UR
97	109068	2-Picoline	8270B	ug/L		20	U		24	UR
98	129000	Pyrene	8270B	ug/L		5	U		6	UR
99	110861	Pyridine	8270B	ug/L		10	U		12	UR
100	94597	Safrole	8270B	ug/L		10	U		12	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		6	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		60	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		6	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		12	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		6	UR

					MW000RFIMW-26					
					A6L190128026					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		60	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		12	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		60	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		12	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-27					
					A6L190128021					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		200	U		50	UR
2	60515	Dimethoate	8270B	ug/L		800	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		80	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		400	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		400	U		100	UR
6	62442	Phenacetin	8270B	ug/L		200	U		50	UR
7	23950585	Pronamide	8270B	ug/L		80	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		200	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		40	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		20	U		5	UR
12	208968	Acenaphthylene	8270B	ug/L		20	U		5	UR
13	98862	Acetophenone	8270B	ug/L		40	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		80	U		20	UR
15	62533	Aniline	8270B	ug/L		40	U		10	UR
16	120127	Anthracene	8270B	ug/L		20	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		20	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		20	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		20	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		20	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		20	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		40	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		40	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		20	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		20	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		20	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		20	U		5	UR

					MW000RFIMW-27					
					A6L190128021					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		40	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		20	U		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		40	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		20	UJ		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		40	U		10	UR
33	218019	Chrysene	8270B	ug/L		20	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		20	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		20	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		20	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		80	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		20	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		40	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		20	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		200	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		20	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		20	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		40	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		40	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		200	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		200	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		20	U		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		20	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		40	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		40	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		20	U		5	UR
53	86737	Fluorene	8270B	ug/L		20	U		5	UR

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					MW000RFIMW-27					
					A6L190128021					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		20	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		20	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		20	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		20	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		20	U		5	UR
59	78591	Isophorone	8270B	ug/L		20	U		5	UR
60	120581	Isosafrole	8270B	ug/L		40	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		400	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		40	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		400	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		40	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		20	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		20	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		40	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		40	U		10	UR
69	91203	Naphthalene	8270B	ug/L		20	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		800	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		40	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		40	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		200	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		200	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		200	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		20	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		40	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		200	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		400	U		100	UR

					MW000RFIMW-27					
					A6L190128021					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		40	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		40	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		40	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		40	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		20	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		20	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		40	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		40	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		40	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		40	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		40	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		20	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		200	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		200	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		200	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		20	U		5	UR
96	108952	Phenol	8270B	ug/L		20	U		5	UR
97	109068	2-Picoline	8270B	ug/L		80	U		20	UR
98	129000	Pyrene	8270B	ug/L		20	U		5	UR
99	110861	Pyridine	8270B	ug/L		40	U		10	UR
100	94597	Safrole	8270B	ug/L		40	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		20	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		200	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		20	U		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		40	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		20	U		5	UR

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					MW000RFIMW-27					
					A6L190128021					
					12/20/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		200	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		40	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		200	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		40	U		10	UR

					MW000RFIMW-28			MW000RFIMW-29		
					A6L190128017			A6L190128020		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	U

					MW000RFIMW-28			MW000RFIMW-29		
					A6L190128017			A6L190128020		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UJ
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	UJ		10	U
33	218019	Chrysene	8270B	ug/L		5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	UJ		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	UJ		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L	19	5			5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	U
50	122394	Diphenylamine	8270B	ug/L		10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	U
52	206440	Fluoranthene	8270B	ug/L		5	U		5	U
53	86737	Fluorene	8270B	ug/L		5	UJ		5	U

					MW000RFIMW-28			MW000RFIMW-29		
					A6L190128017			A6L190128020		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	U
59	78591	Isophorone	8270B	ug/L		5	U		5	U
60	120581	Isosafrole	8270B	ug/L		10	U		10	U
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L	19	10	JN		10	UR
68	106445	4-Methylphenol	8270B	ug/L	19	10	JN		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	UJ		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	U
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-28			MW000RFIMW-29		
					A6L190128017			A6L190128020		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	U
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L	4.1	10	J		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-28			MW000RFIMW-29		
					A6L190128017			A6L190128020		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

BASF - Final, Semi-Volatile Analytical Results

									MW000RFIMW-3		
									A6L190128003		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
1	92671	4-Aminobiphenyl	8270B	ug/L		50	UR		50	U	
2	60515	Dimethoate	8270B	ug/L		200	UR		200	U	
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	UR		20	U	
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	UR		100	U	
5	1888717	Hexachloropropene	8270B	ug/L		100	UR		100	U	
6	62442	Phenacetin	8270B	ug/L		50	UR		50	U	
7	23950585	Pronamide	8270B	ug/L		20	UR		20	U	
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UR		50	UJ	
9	2303164	Diallate	8270B	ug/L		10	UR		10	U	
11	83329	Acenaphthene	8270B	ug/L		5	UR		5	U	
12	208968	Acenaphthylene	8270B	ug/L		5	UR		5	U	
13	98862	Acetophenone	8270B	ug/L		10	UR		10	U	
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	UR		20	U	
15	62533	Aniline	8270B	ug/L		10	UR		10	U	
16	120127	Anthracene	8270B	ug/L		5	UR		5	U	
17	56553	Benzo(a)anthracene	8270B	ug/L		5	UR		5	U	
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	UR		5	U	
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	UR		5	U	
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	UR		5	U	
21	50328	Benzo(a)pyrene	8270B	ug/L		5	UR		5	U	
22	100516	Benzyl alcohol	8270B	ug/L		10	UR		10	U	
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	UR		10	U	
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	UR	14	5		
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	2.9	5	J		5	U	
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	UR		5	U	
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	UR		5	U	

									MW000RFIMW-3		
									A6L190128003		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
28	106478	4-Chloroaniline	8270B	ug/L		10	UR		10	U	
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UR		5	UR	
30	91587	2-Chloronaphthalene	8270B	ug/L		10	UR		10	U	
31	95578	2-Chlorophenol	8270B	ug/L		5	UR		5	UR	
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	UR		10	U	
33	218019	Chrysene	8270B	ug/L		5	UR		5	U	
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	UR		5	U	
35	132649	Dibenzofuran	8270B	ug/L		5	UR		5	U	
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	UR		5	U	
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	UR		20	U	
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UR		5	UR	
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	UR		10	UR	
40	84662	Diethyl phthalate	8270B	ug/L		5	UR		5	U	
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	UR		50	UJ	
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UR		5	UR	
43	131113	Dimethyl phthalate	8270B	ug/L		5	UR		5	U	
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	UR		10	U	
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	UR		10	U	
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UR		50	UR	
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UR		50	UR	
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UR		5	U	
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	UR		5	U	
50	122394	Diphenylamine	8270B	ug/L		10	UR		10	U	
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	UR		10	U	
52	206440	Fluoranthene	8270B	ug/L		5	UR		5	U	
53	86737	Fluorene	8270B	ug/L		5	UR		5	U	

BASF - Final, Semi-Volatile Analytical Results

									MW000RFIMW-3		
									A6L190128003		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
54	118741	Hexachlorobenzene	8270B	ug/L		5	UR		5	U	
55	87683	Hexachlorobutadiene	8270B	ug/L		5	UR		5	U	
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	UR		5	U	
57	67721	Hexachloroethane	8270B	ug/L		5	UR		5	U	
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	UR		5	U	
59	78591	Isophorone	8270B	ug/L		5	UR		5	U	
60	120581	Isosafrole	8270B	ug/L		10	UR		10	U	
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR	
62	95534	o-Toluidine	8270B	ug/L		10	UR		10	U	
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UR		100	U	
64	66273	Methyl methanesulfonate	8270B	ug/L		10	UR		10	U	
65	91576	2-Methylnaphthalene	8270B	ug/L		5	UR		5	U	
66	95487	2-Methylphenol	8270B	ug/L		5	UR		5	UR	
67	108394	3-Methylphenol	8270B	ug/L		10	UR	39	10	JN	
68	106445	4-Methylphenol	8270B	ug/L		10	UR	39	10	JN	
69	91203	Naphthalene	8270B	ug/L		5	UR		5	U	
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	UR		200	U	
71	134327	1-Naphthylamine	8270B	ug/L		10	UR		10	U	
72	91598	2-Naphthylamine	8270B	ug/L		10	UR		10	U	
73	88744	2-Nitroaniline	8270B	ug/L		50	UR		50	U	
74	99092	3-Nitroaniline	8270B	ug/L		50	UR		50	U	
75	100016	4-Nitroaniline	8270B	ug/L		50	UR		50	U	
76	98953	Nitrobenzene	8270B	ug/L		5	UR		5	U	
77	88755	2-Nitrophenol	8270B	ug/L		10	UR		10	UR	
78	100027	4-Nitrophenol	8270B	ug/L		50	UR		50	UR	
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UR		100	U	

									MW000RFIMW-3		
									A6L190128003		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
80	88857	Dinoseb	8270B	ug/L		10	UR		10	U	
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	UR		10	U	
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	UR		10	U	
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	UR		10	U	
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	UR		5	U	
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	UR		5	U	
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	UR		10	U	
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	UR		10	U	
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	UR		10	U	
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	UR		10	U	
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	UR		10	U	
91	608935	Pentachlorobenzene	8270B	ug/L		5	UR		5	U	
92	76017	Pentachloroethane	8270B	ug/L		50	UR		50	U	
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UR		50	U	
94	87865	Pentachlorophenol	8270B	ug/L		50	UR		50	UR	
95	85018	Phenanthrene	8270B	ug/L		5	UR		5	U	
96	108952	Phenol	8270B	ug/L		5	UR		5	UR	
97	109068	2-Picoline	8270B	ug/L		20	UR		20	U	
98	129000	Pyrene	8270B	ug/L		5	UR		5	U	
99	110861	Pyridine	8270B	ug/L		10	UR		10	U	
100	94597	Safrole	8270B	ug/L		10	UR		10	U	
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	UR		5	U	
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UR		50	UR	
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UR		5	U	
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UR		10	UR	
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UR		5	UR	

BASF - Final, Semi-Volatile Analytical Results

									MW000RFIMW-3		
									A6L190128003		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR	
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	UR		10	U	
108	123911	1,4-Dioxane	8270B	ug/L		50	UR		50	U	
222	510156	p-Chlorobenzilate	8270B	ug/L		10	UR		10	U	

									MW000RFIMW-4		
									A6L190128004		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
1	92671	4-Aminobiphenyl	8270B	ug/L		50	UR		50	U	
2	60515	Dimethoate	8270B	ug/L		200	UR		200	U	
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	UR		20	U	
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	UR		100	U	
5	1888717	Hexachloropropene	8270B	ug/L		100	UR		100	U	
6	62442	Phenacetin	8270B	ug/L		50	UR		50	U	
7	23950585	Pronamide	8270B	ug/L		20	UR		20	U	
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UR		50	UJ	
9	2303164	Diallate	8270B	ug/L		10	UR		10	U	
11	83329	Acenaphthene	8270B	ug/L		5	UR		5	U	
12	208968	Acenaphthylene	8270B	ug/L		5	UR		5	U	
13	98862	Aceto[illegible]henone	8270B	ug/L		10	UR		10	U	
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	UR		20	U	
15	62533	Aniline	8270B	ug/L		10	UR		10	U	
16	120127	Anthracene	8270B	ug/L		5	UR		5	U	
17	56553	Benzo(a)anthracene	8270B	ug/L		5	UR		5	U	
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	UR		5	U	
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	UR		5	U	
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	UR		5	U	
21	50328	Benzo(a)pyrene	8270B	ug/L		5	UR		5	U	
22	100516	Benzyl alcohol	8270B	ug/L		10	UR		10	U	
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	UR		10	U	
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L	4	5	J		5	U	
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	UR		5	U	
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	UR		5	U	
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	UR		5	U	

BASF - Final, Semi-Volatile Analytical Results

									MW000RFIMW-4		
									A6L190128004		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
28	106478	4-Chloroaniline	8270B	ug/L		10	UR		10	U	
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UR		5	U	
30	91587	2-Chloronaphthalene	8270B	ug/L		10	UR		10	U	
31	95578	2-Chlorophenol	8270B	ug/L		5	UR		5	U	
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	UR		10	U	
33	218019	Chrysene	8270B	ug/L		5	UR		5	U	
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	UR		5	U	
35	132649	Dibenzofuran	8270B	ug/L		5	UR		5	U	
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	UR		5	U	
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	UR		20	U	
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UR		5	U	
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	UR		10	U	
40	84662	Diethyl phthalate	8270B	ug/L		5	UR		5	U	
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	UR		50	U	
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UR		5	U	
43	131113	Dimethyl phthalate	8270B	ug/L		5	UR		5	U	
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	UR		10	U	
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	UR		10	U	
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UR		50	U	
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UR		50	U	
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UR		5	U	
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	UR		5	U	
50	122394	Diphenylamine	8270B	ug/L		10	UR		10	U	
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	UR		10	U	
52	206440	Fluoranthene	8270B	ug/L		5	UR		5	U	
53	86737	Fluorene	8270B	ug/L		5	UR		5	U	

									MW000RFIMW-4		
									A6L190128004		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
54	118741	Hexachlorobenzene	8270B	ug/L		5	UR		5	U	
55	87683	Hexachlorobutadiene	8270B	ug/L		5	UR		5	U	
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	UR		5	U	
57	67721	Hexachloroethane	8270B	ug/L		5	UR		5	U	
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	UR		5	U	
59	78591	Isophorone	8270B	ug/L		5	UR		5	U	
60	120581	Isosafrole	8270B	ug/L		10	UR		10	U	
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR	
62	95534	o-Toluidine	8270B	ug/L		10	UR		10	U	
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UR		100	UJ	
64	66273	Methyl methanesulfonate	8270B	ug/L		10	UR		10	U	
65	91576	2-Methylnaphthalene	8270B	ug/L		5	UR		5	U	
66	95487	2-Methylphenol	8270B	ug/L		5	UR		5	U	
67	108394	3-Methylphenol	8270B	ug/L	4.2	10	JN		10	U	
68	106445	4-Methylphenol	8270B	ug/L	4.2	10	JN		10	U	
69	91203	Naphthalene	8270B	ug/L		5	UR		5	U	
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	UR		200	U	
71	134327	1-Naphthylamine	8270B	ug/L		10	UR		10	U	
72	91598	2-Naphthylamine	8270B	ug/L		10	UR		10	U	
73	88744	2-Nitroaniline	8270B	ug/L		50	UR		50	U	
74	99092	3-Nitroaniline	8270B	ug/L		50	UR		50	U	
75	100016	4-Nitroaniline	8270B	ug/L		50	UR		50	U	
76	98953	Nitrobenzene	8270B	ug/L		5	UR		5	U	
77	88755	2-Nitrophenol	8270B	ug/L		10	UR		10	U	
78	100027	4-Nitrophenol	8270B	ug/L		50	UR		50	U	
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UR		100	U	

BASF - Final, Semi-Volatile Analytical Results

									MW000RFIMW-4		
									A6L190128004		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
80	88857	Dinoseb	8270B	ug/L		10	UR		10	U	
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	UR		10	U	
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	UR		10	U	
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	UR		10	U	
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	UR		5	U	
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	UR		5	U	
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	UR		10	U	
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	UR		10	U	
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	UR		10	U	
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	UR		10	U	
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	UR		10	U	
91	608935	Pentachlorobenzene	8270B	ug/L		5	UR		5	U	
92	76017	Pentachloroethane	8270B	ug/L		50	UR		50	U	
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UR		50	U	
94	87865	Pentachlorophenol	8270B	ug/L		50	UR		50	U	
95	85018	Phenanthrene	8270B	ug/L		5	UR		5	U	
96	108952	Phenol	8270B	ug/L		5	UR		5	U	
97	109068	2-Picoline	8270B	ug/L		20	UR		20	U	
98	129000	Pyrene	8270B	ug/L		5	UR		5	U	
99	110861	Pyridine	8270B	ug/L		10	UR		10	U	
100	94597	Safrole	8270B	ug/L		10	UR		10	U	
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	UR		5	U	
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UR		50	U	
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UR		5	U	
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UR		10	U	
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UR		5	U	

									MW000RFIMW-4		
									A6L190128004		
									12/18/96		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR	
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	UR		10	U	
108	123911	1,4-Dioxane	8270B	ug/L		50	UR	16	50	J	
222	510156	p-Chlorobenzilate	8270B	ug/L		10	UR		10	U	

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-5					
					A6L190128005					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	U		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U	1.9	5	J
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-5					
					A6L190128005					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UR		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	UR		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UR		5	UR
39	87650	2,6-Dicl.'orophenol	8270B	ug/L		10	UR		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	UJ		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UR		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UR		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UR		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-5					
					A6L190128005					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L	1.2	5	J		5	UR
66	95487	2-Methylphenol	8270B	ug/L	2.7	5	J	3.2	5	J
67	108394	3-Methylphenol	8270B	ug/L	24	10	JN	29	10	JN
68	106445	4-Methylphenol	8270B	ug/L	24	10	JN	29	10	JN
69	91203	Naphthalene	8270B	ug/L	3.6	5	J	2.9	5	J
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	UR		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UR		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-5					
					A6L190128005					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	UR		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L	10	5	J	14	5	J
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	U		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UR		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UR		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UR		5	UR

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					MW000RFIMW-5					
					A6L190128005					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U	1.6	10	J
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-6					
					A6L190128006					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UJ
2	60515	Dimethoate	8270B	ug/L		200	U		200	UJ
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UJ
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UJ
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UJ
6	62442	Phenacetin	8270B	ug/L		50	U		50	UJ
7	23950585	Pronamide	8270B	ug/L		20	U		20	UJ
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	UJ
11	83329	Acenaphthene	8270B	ug/L		5	U		5	UJ
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UJ
13	98862	Acetophenone	8270B	ug/L		10	U		10	UJ
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UJ
15	62533	Aniline	8270B	ug/L		10	U		10	UJ
16	120127	Anthracene	8270B	ug/L		5	U		5	UJ
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UJ
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UJ
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UJ
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UJ
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UJ
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UJ
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UJ
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UJ
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UJ
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UJ
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UJ

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-6					
					A6L190128006					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UJ
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	UJ
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UJ
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UJ
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UJ
33	218019	Chrysene	8270B	ug/L		5	U		5	UJ
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UJ
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UJ
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UJ
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UJ
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UJ
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UJ
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UJ
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UJ
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UJ
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UJ
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UJ
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UJ
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UJ
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UJ
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UJ
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UJ
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UJ
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UJ
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UJ
53	86737	Fluorene	8270B	ug/L		5	U		5	UJ

					MW000RFIMW-6					
					A6L190128006					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UJ
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UJ
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UJ
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UJ
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UJ
59	78591	Isophorone	8270B	ug/L		5	U		5	UJ
60	120581	Isosafrole	8270B	ug/L		10	U		10	UJ
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UJ
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UJ
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UJ
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UJ
67	108394	3-Methylphenol	8270B	ug/L	9	10	JN	11	10	JN
68	106445	4-Methylphenol	8270B	ug/L	9	10	JN	11	10	JN
69	91203	Naphthalene	8270B	ug/L	1.5	5	J	1.3	5	J
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UJ
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UJ
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UJ
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UJ
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UJ
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UJ
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UJ
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UJ
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UJ
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UJ

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-6					
					A6L190128006					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UJ
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UJ
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UJ
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UJ
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UJ
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UJ
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UJ
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UJ
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UJ
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UJ
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UJ
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UJ
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UJ
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UJ
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UJ
96	108952	Phenol	8270B	ug/L	6.4	5		14	5	J
97	109068	2-Picoline	8270B	ug/L		20	U		20	UJ
98	129000	Pyrene	8270B	ug/L		5	U		5	UJ
99	110861	Pyridine	8270B	ug/L		10	U		10	UJ
100	94597	Safrole	8270B	ug/L		10	U		10	UJ
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UJ
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UJ
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UJ
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UJ
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UJ

					MW000RFIMW-6					
					A6L190128006					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L	14	10		14	10	J
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UJ
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UJ

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-7					
					A6L190128007					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		100	U		100	UJ
2	60515	Dimethoate	8270B	ug/L		400	U		400	UJ
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		40	U		40	UJ
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		200	U		200	UJ
5	1888717	Hexachloropropene	8270B	ug/L		200	U		200	UJ
6	62442	Phenacetin	8270B	ug/L		100	U		100	UJ
7	23950585	Pronamide	8270B	ug/L		40	U		40	UJ
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		100	UJ		100	UJ
9	2303164	Diallate	8270B	ug/L		20	U		20	UJ
11	83329	Acenaphthene	8270B	ug/L	2.7	10	J		10	UJ
12	208968	Acenaphthylene	8270B	ug/L		10	U		10	UJ
13	98862	Acetophenone	8270B	ug/L		20	U		20	UJ
14	53963	2-Acetylaminofluorene	8270B	ug/L		40	U		40	UJ
15	62533	Aniline	8270B	ug/L		20	U		20	UJ
16	120127	Anthracene	8270B	ug/L		10	U		10	UJ
17	56553	Benzo(a)anthracene	8270B	ug/L		10	U		10	UJ
18	205992	Benzo(b)fluoranthene	8270B	ug/L		10	U		10	UJ
19	207089	Benzo(k)fluoranthene	8270B	ug/L		10	U		10	UJ
20	191242	Benzo(ghi)perylene	8270B	ug/L		10	U		10	UJ
21	50328	Benzo(a)pyrene	8270B	ug/L		10	U		10	UJ
22	100516	Benzyl alcohol	8270B	ug/L		20	U		20	UJ
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		20	U		20	UJ
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		10	U		10	UJ
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		10	U		10	UJ
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		10	U		10	UJ
27	85687	Butyl benzyl phthalate	8270B	ug/L		10	U		10	UJ

					MW000RFIMW-7					
					A6L190128007					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		20	U		20	UJ
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		10	U		10	UJ
30	91587	2-Chloronaphthalene	8270B	ug/L		20	U		20	UJ
31	95578	2-Chlorophenol	8270B	ug/L		10	U		10	UJ
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		20	U		20	UJ
33	218019	Chrysene	8270B	ug/L		10	U		10	UJ
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		10	U		10	UJ
35	132649	Dibenzofuran	8270B	ug/L	2.3	10	J		10	UJ
36	84742	Di-n-butyl phthalate	8270B	ug/L		10	U		10	UJ
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		40	U		40	UJ
38	120832	2,4-Dichlorophenol	8270B	ug/L		10	U		10	UJ
39	87650	2,6-Dichlorophenol	8270B	ug/L		20	U		20	UJ
40	84662	Diethyl phthalate	8270B	ug/L		10	U		10	UJ
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		100	U		100	UJ
42	105679	2,4-Dimethylphenol	8270B	ug/L		10	U		10	UJ
43	131113	Dimethyl phthalate	8270B	ug/L		10	U		10	UJ
44	117840	Di-n-octyl phthalate	8270B	ug/L		20	U		20	UJ
45	99650	1,3-Dinitrobenzene	8270B	ug/L		20	U		20	UJ
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		100	U		100	UJ
47	51285	2,4-Dinitrophenol	8270B	ug/L		100	U		100	UJ
48	121142	2,4-Dinitrotoluene	8270B	ug/L		10	U		10	UJ
49	606202	2,6-Dinitrotoluene	8270B	ug/L		10	U		10	UJ
50	122394	Diphenylamine	8270B	ug/L		20	U		20	UJ
51	62500	Ethyl methanesulfonate	8270B	ug/L		20	U		20	UJ
52	206440	Fluoranthene	8270B	ug/L		10	U		10	UJ
53	86737	Fluorene	8270B	ug/L		10	U		10	UJ

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-7					
					A6L190128007					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		10	U		10	UJ
55	87683	Hexachlorobutadiene	8270B	ug/L		10	U		10	UJ
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		10	U		10	UJ
57	67721	Hexachloroethane	8270B	ug/L		10	U		10	UJ
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		10	U		10	UJ
59	78591	Isophorone	8270B	ug/L		10	U		10	UJ
60	120581	Isosafrole	8270B	ug/L		20	U		20	UJ
61	91805	Methapyrilene	8270B	ug/L		200	UR		200	UR
62	95534	o-Toluidine	8270B	ug/L		20	U		20	UJ
63	56495	3-Methylcholanthrene	8270B	ug/L		200	U		200	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		20	U		20	UJ
65	91576	2-Methylnaphthalene	8270B	ug/L	81	10		82	10	J
66	95487	2-Methylphenol	8270B	ug/L	2.9	10	J	4.2	10	J
67	108394	3-Methylphenol	8270B	ug/L	12	20	JN	18	20	JN
68	106445	4-Methylphenol	8270B	ug/L	12	20	JN	18	20	JN
69	91203	Naphthalene	8270B	ug/L	52	10		54	10	J
70	130154	1,4-Naphthoquinone	8270B	ug/L		400	U		400	UJ
71	134327	1-Naphthylamine	8270B	ug/L		20	U		20	UJ
72	91598	2-Naphthylamine	8270B	ug/L		20	U		20	UJ
73	88744	2-Nitroaniline	8270B	ug/L		100	U		100	UJ
74	99092	3-Nitroaniline	8270B	ug/L		100	U		100	UJ
75	100016	4-Nitroaniline	8270B	ug/L		100	U		100	UJ
76	98953	Nitrobenzene	8270B	ug/L		10	U		10	UJ
77	88755	2-Nitrophenol	8270B	ug/L		20	U		20	UJ
78	100027	4-Nitrophenol	8270B	ug/L		100	U		100	UJ
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		200	U		200	UJ

					MW000RFIMW-7					
					A6L190128007					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		20	U		20	UJ
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		20	U		20	UJ
82	55185	N-Nitrosodiethylamine	8270B	ug/L		20	U		20	UJ
83	62759	N-Nitrosodimethylamine	8270B	ug/L		20	U		20	UJ
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		10	U		10	UJ
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		10	U		10	UJ
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		20	U		20	UJ
87	59892	N-Nitrosomorpholine	8270B	ug/L		20	U		20	UJ
88	100754	N-Nitrosopiperidine	8270B	ug/L		20	U		20	UJ
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		20	U		20	UJ
90	99558	5-Nitro-o-toluidine	8270B	ug/L		20	U		20	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		10	U		10	UJ
92	76017	Pentachloroethane	8270B	ug/L		100	U		100	UJ
93	82688	Pentachloronitrobenzene	8270B	ug/L		100	U		100	UJ
94	87865	Pentachlorophenol	8270B	ug/L		100	U		100	UJ
95	85018	Phenanthrene	8270B	ug/L	2	10	J	2.2	10	J
96	108952	Phenol	8270B	ug/L	40	10		100	10	J
97	109068	2-Picoline	8270B	ug/L		40	U		40	UJ
98	129000	Pyrene	8270B	ug/L		10	U		10	UJ
99	110861	Pyridine	8270B	ug/L		20	U		20	UJ
100	94597	Safrole	8270B	ug/L		20	U		20	UJ
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		10	U		10	UJ
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		100	U		100	UJ
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		10	U		10	UJ
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		20	U		20	UJ
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		10	U		10	UJ

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-7					
					A6L190128007					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		100	UR		100	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		20	U		20	UJ
108	123911	1,4-Dioxane	8270B	ug/L	19	100	J	44	100	J
222	510156	p-Chlorobenzilate	8270B	ug/L		20	U		20	UJ

					MW000RFIMW-8					
					A6L190128008					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UJ
2	60515	Dimethoate	8270B	ug/L		200	U		200	UJ
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UJ
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UJ
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UJ
6	62442	Phenacetin	8270B	ug/L		50	U		50	UJ
7	23950585	Pronamide	8270B	ug/L		20	U		20	UJ
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	UJ
11	83329	Acenaphthene	8270B	ug/L		5	U		5	UJ
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UJ
13	98862	Acetophenone	8270B	ug/L		10	U		10	UJ
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UJ
15	62533	Aniline	8270B	ug/L		10	U		10	UJ
16	120127	Anthracene	8270B	ug/L		5	U		5	UJ
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UJ
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UJ
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UJ
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UJ
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UJ
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UJ
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UJ
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UJ
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UJ
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UJ
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UJ

					MW000RFIMW-8					
					A6L190128008					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UJ
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	UJ
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UJ
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UJ
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UJ
33	218019	Chrysene	8270B	ug/L		5	U		5	UJ
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UJ
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UJ
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UJ
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UJ
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UJ
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UJ
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UJ
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UJ
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UJ
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UJ
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UJ
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UJ
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UJ
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UJ
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UJ
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UJ
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UJ
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UJ
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UJ
53	86737	Fluorene	8270B	ug/L		5	U		5	UJ

					MW000RFIMW-8					
					A6L190128008					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UJ
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UJ
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UJ
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UJ
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UJ
59	78591	Isophorone	8270B	ug/L		5	U		5	UJ
60	120581	Isosafrole	8270B	ug/L		10	U		10	UJ
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UJ
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UJ
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UJ
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UJ
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UJ
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UJ
69	91203	Naphthalene	8270B	ug/L		5	U		5	UJ
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UJ
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UJ
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UJ
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UJ
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UJ
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UJ
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UJ
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UJ
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UJ
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UJ

					MW000RFIMW-8					
					A6L190128008					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UJ
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UJ
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UJ
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UJ
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UJ
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UJ
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UJ
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UJ
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UJ
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UJ
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UJ
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UJ
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UJ
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UJ
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UJ
96	108952	Phenol	8270B	ug/L		5	U		5	UJ
97	109068	2-Picoline	8270B	ug/L		20	U		20	UJ
98	129000	Pyrene	8270B	ug/L		5	U		5	UJ
99	110861	Pyridine	8270B	ug/L		10	U		10	UJ
100	94597	Safrole	8270B	ug/L		10	U		10	UJ
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UJ
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UJ
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UJ
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UJ
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UJ

					MW000RFIMW-8					
					A6L190128008					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UJ
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UJ
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UJ

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-9					
					A6L190128009					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UJ
2	60515	Dimethoate	8270B	ug/L		200	U		200	UJ
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UJ
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UJ
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UJ
6	62442	Phenacetin	8270B	ug/L		50	U		50	UJ
7	23950585	Pronamide	8270B	ug/L		20	U		20	UJ
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	UJ
11	83329	Acenaphthene	8270B	ug/L		5	U		5	UJ
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UJ
13	98862	Acetophenone	8270B	ug/L		10	U		10	UJ
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UJ
15	62533	Aniline	8270B	ug/L		10	U		10	UJ
16	120127	Anthracene	8270B	ug/L		5	U		5	UJ
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UJ
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UJ
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UJ
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UJ
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UJ
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UJ
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UJ
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UJ
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UJ
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UJ
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UJ

					MW000RFIMW-9					
					A6L190128009					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UJ
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	UJ
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UJ
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UJ
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UJ
33	218019	Chrysene	8270B	ug/L		5	U		5	UJ
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UJ
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UJ
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UJ
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UJ
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UJ
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UJ
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UJ
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UJ
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UJ
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UJ
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UJ
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UJ
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UJ
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UJ
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UJ
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UJ
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UJ
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UJ
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UJ
53	86737	Fluorene	8270B	ug/L		5	U		5	UJ

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-9					
					A6L190128009					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UJ
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UJ
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UJ
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UJ
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UJ
59	78591	Isophorone	8270B	ug/L		5	U		5	UJ
60	120581	Isosafrole	8270B	ug/L		10	U		10	UJ
61	91805	Methapyrilene	8270B	ug/L		100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UJ
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UJ
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UJ
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UJ
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UJ
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UJ
69	91203	Naphthalene	8270B	ug/L		5	U		5	UJ
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UJ
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UJ
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UJ
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UJ
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UJ
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UJ
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UJ
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UJ
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UJ
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UJ

					MW000RFIMW-9					
					A6L190128009					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UJ
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UJ
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UJ
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UJ
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UJ
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UJ
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UJ
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UJ
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UJ
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UJ
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UJ
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UJ
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UJ
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UJ
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UJ
96	108952	Phenol	8270B	ug/L		5	U		5	UJ
97	109068	2-Picoline	8270B	ug/L		20	U		20	UJ
98	129000	Pyrene	8270B	ug/L		5	U		5	UJ
99	110861	Pyridine	8270B	ug/L		10	U		10	UJ
100	94597	Safrole	8270B	ug/L		10	U		10	UJ
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UJ
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UJ
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UJ
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UJ
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UJ

					MW000RFIMW-9					
					A6L190128009					
					12/18/96					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UJ
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UJ
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UJ

BASF - Final, Semi-Volatile Analytical Results

					RS000RFIMW-26						
					A6L190128027						
					12/20/96						
								X1			
					U			U			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR	
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR	
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR	
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR	
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR	
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR	
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR	
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR	
9	2303164	Diallate	8270B	ug/L		10	U		10	UR	
11	83329	Acenaphthene	8270B	ug/L		5	U		5	UR	
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR	
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR	
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR	
15	62533	Aniline	8270B	ug/L		10	U		10	UR	
16	120127	Anthracene	8270B	ug/L		5	U		5	UR	
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR	
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR	
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR	
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR	
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR	
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR	
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR	
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR	
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR	
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR	
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR	

BASF - Final, Semi-Volatile Analytical Results

					RS000RFIMW-26						
					A6L190128027						
					12/20/96						
								X1			
					U			U			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR	
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	UR	
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR	
31	95578	2-Chlorophenol	8270B	ug/L		5	UJ		5	UR	
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR	
33	218019	Chrysene	8270B	ug/L		5	U		5	UR	
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR	
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR	
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR	
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR	
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR	
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR	
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR	
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR	
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR	
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR	
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR	
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR	
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR	
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR	
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	UR	
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR	
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR	
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR	
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR	
53	86737	Fluorene	8270B	ug/L		5	U		5	UR	

BASF - Final, Semi-Volatile Analytical Results

						RS000RFIMW-26					
						A6L190128027					
						12/20/96					
									X1		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L			5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L			5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L			5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L			5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L			5	U		5	UR
59	78591	Isophorone	8270B	ug/L			5	U		5	UR
60	120581	Isosafrole	8270B	ug/L			10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L			100	UR		100	UR
62	95534	o-Toluidine	8270B	ug/L			10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L			100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L			10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L			5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L			5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L			10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L			10	U		10	UR
69	91203	Naphthalene	8270B	ug/L			5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L			200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L			10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L			10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L			50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L			50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L			50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L			5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L			10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L			50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L			100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					RS000RFIMW-26						
					A6L190128027						
					12/20/96						
								X1			
					U			U			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR	
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR	
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR	
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR	
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR	
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR	
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR	
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR	
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR	
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR	
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR	
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR	
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR	
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR	
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR	
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR	
96	108952	Phenol	8270B	ug/L		5	U		5	UR	
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR	
98	129000	Pyrene	8270B	ug/L		5	U		5	UR	
99	110861	Pyridine	8270B	ug/L		10	U		10	UR	
100	94597	Safrole	8270B	ug/L		10	U		10	UR	
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR	
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR	
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	UR	
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR	
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR	

					RS000RFIMW-26						
					A6L190128027						
					12/20/96						
								X1			
					U			U			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR	
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR	
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR	
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR	

BASF - Final, I[illegible]cide Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N			MW000PMINA		
					A6L190128022			A6L190128019		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.1	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.1	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.1	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.1	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.1	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		1	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.1	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.1	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.2	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.2	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.2	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.2	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.1	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.2	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.2	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.2	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.2	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.1	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.1	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.1	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		2	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		1	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		1	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		1	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		1	UJ		0.5	UJ

BASF - Final, Pesticide Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N			MW000PMINA		
					A6L190128022			A6L190128019		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		1	UJ		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		1	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		1	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		2	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		2	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		2.5	UJ		1.2	UJ

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		1	U		0.05	U
2	319846	alpha-BHC	8080A	ug/L		1	U		0.05	U
3	319857	beta-BHC	8080A	ug/L		1	U		0.05	U
4	319868	delta-BHC	8080A	ug/L		1	U		0.05	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		1	U		0.05	U
6	57749	Chlordane	8080A	ug/L		10	U		0.5	U
7	5103719	alpha-Chlordane	8080A	ug/L		1	U		0.05	U
8	5103742	gamma-Chlordane	8080A	ug/L		1	U		0.05	U
9	72548	4,4'-DDD	8080A	ug/L		2	U		0.1	U
10	72559	4,4'-DDE	8080A	ug/L		2	U		0.1	U
11	50293	4,4'-DDT	8080A	ug/L		2	U		0.1	U
12	60571	Dieldrin	8080A	ug/L		2	U		0.1	U
13	959988	Endosulfan I	8080A	ug/L		1	U		0.05	U
14	33213659	Endosulfan II	8080A	ug/L		2	U		0.1	U
15	1031078	Endosulfan sulfate	8080A	ug/L		2	U		0.1	U
16	72208	Endrin	8080A	ug/L		2	U		0.1	U
17	7421934	Endrin aldehyde	8080A	ug/L		2	U		0.1	U
18	76448	Heptachlor	8080A	ug/L		1	U		0.05	U
19	1024573	Heptachlor epoxide	8080A	ug/L		1	U		0.05	U
20	465736	Isodrin	8080A	ug/L		1	U		0.05	U
21	143500	Kepone	8080A	ug/L		20	U		1	U
22	72435	Methoxychlor	8080A	ug/L		10	U		0.5	U
23	12674112	Aroclor 1016	8080A	ug/L		10	U		0.5	U
24	11104282	Aroclor 1221	8080A	ug/L		10	U		0.5	U
25	11141165	Aroclor 1232	8080A	ug/L		10	U		0.5	U

BASF - Final, Pesticide Analytical Results

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		10	U		0.5	U
26	53469219	Aroclor 1242	8080A	ug/L		10	U		0.5	U
27	12672296	Aroclor 1248	8080A	ug/L		10	U		0.5	U
28	11097691	Aroclor 1254	8080A	ug/L		20	U		1	U
29	11096825	Aroclor 1260	8080A	ug/L		20	U		1	U
30	8001352	Toxaphene	8080A	ug/L		25	U		1.2	U

					MW000RFIMW-10D			MW000RFIMW-11		
					A6L190128013			A6L190128012		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	U		0.05	U
2	319846	alpha-BHC	8080A	ug/L		0.05	U		0.05	U
3	319857	beta-BHC	8080A	ug/L		0.05	U		0.05	U
4	319868	delta-BHC	8080A	ug/L		0.05	U		0.05	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	U		0.05	U
6	57749	Chlordane	8080A	ug/L		0.5	U		0.5	U
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	U		0.05	U
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	U		0.05	U
9	72548	4,4'-DDD	8080A	ug/L		0.1	U		0.1	U
10	72559	4,4'-DDE	8080A	ug/L		0.1	U		0.1	U
11	50293	4,4'-DDT	8080A	ug/L		0.1	U		0.1	U
12	60571	Dieldrin	8080A	ug/L		0.1	U		0.1	U
13	959988	Endosulfan I	8080A	ug/L		0.05	U		0.05	U
14	33213659	Endosulfan II	8080A	ug/L		0.1	U		0.1	U
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	U		0.1	U
16	72208	Endrin	8080A	ug/L		0.1	U		0.1	U
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	U		0.1	U
18	76448	Heptachlor	8080A	ug/L		0.05	U		0.05	U
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	U		0.05	U
20	465736	Isodrin	8080A	ug/L		0.05	U		0.05	U
21	143500	Kepone	8080A	ug/L		1	U		1	U
22	72435	Methoxychlor	8080A	ug/L		0.5	U		0.5	U
23	12674112	Aroclor 1016	8080A	ug/L		0.5	U		0.5	U
24	11104282	Aroclor 1221	8080A	ug/L		0.5	U		0.5	U

					MW000RFIMW-10D			MW000RFIMW-11		
					A6L190128013			A6L190128012		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	U		0.5	U
26	53469219	Aroclor 1242	8080A	ug/L		0.5	U		0.5	U
27	12672296	Aroclor 1248	8080A	ug/L		0.5	U		0.5	U
28	11097691	Aroclor 1254	8080A	ug/L		1	U		1	U
29	11096825	Aroclor 1260	8080A	ug/L		1	U		1	U
30	8001352	Toxaphene	8080A	ug/L		1.2	U		1.2	U

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UR		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UR		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UR		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UR		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UR		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UR		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UR		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UR		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UR		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UR		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UR		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UR		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UR		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UR		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UR		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UR		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UR		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UR		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UR		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UR		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UR		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UR		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UR		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UR		0.5	UJ

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UR		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UR		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UR		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UR		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UR		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UR		1.2	UJ

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UR		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UR		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UR		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UR		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UR		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UR		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UR		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UR		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UR		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UR		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UR		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UR		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UR		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UR		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UR		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UR		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UR		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UR		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UR		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UR		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UR		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UR		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UR		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UR		0.5	UJ

						MW000RFIMW-22			MW000RFIMW-23		
						A6L190128015			A6L190128016		
						12/19/96			12/19/96		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L			0.5	UR		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UR		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UR		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			1	UR		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			1	UR		1	UJ
30	8001352	Toxaphene	8080A	ug/L			1.2	UR		1.2	UJ

					MW000RFIMW-24 (MS/MSD)			MW000RFIMW-25		
					A6L190128025			A6L190128023		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ

					MW000RFIMW-24 (MS/MSD)			MW000RFIMW-25		
					A6L190128025			A6L190128023		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

					MW000RFIMW-25D			MW000RFIMW-26		
					A6L190128024			A6L190128026		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	U		0.05	U
2	319846	alpha-BHC	8080A	ug/L		0.05	U		0.05	U
3	319857	beta-BHC	8080A	ug/L		0.05	U		0.05	U
4	319868	delta-BHC	8080A	ug/L		0.05	U		0.05	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	U		0.05	U
6	57749	Chlordane	8080A	ug/L		0.5	U		0.5	U
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	U		0.05	U
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	U		0.05	U
9	72548	4,4'-DDD	8080A	ug/L		0.1	U		0.1	U
10	72559	4,4'-DDE	8080A	ug/L		0.1	U		0.1	U
11	50293	4,4'-DDT	8080A	ug/L		0.1	U		0.1	U
12	60571	Dieldrin	8080A	ug/L		0.1	U		0.1	U
13	959988	Endosulfan I	8080A	ug/L		0.05	U		0.05	U
14	33213659	Endosulfan II	8080A	ug/L		0.1	U		0.1	U
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	U		0.1	U
16	72208	Endrin	8080A	ug/L		0.1	U		0.1	U
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	U		0.1	U
18	76448	Heptachlor	8080A	ug/L		0.05	U		0.05	U
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	U		0.05	U
20	465736	Isodrin	8080A	ug/L		0.05	U		0.05	U
21	143500	Kepone	8080A	ug/L		1	U		1	U
22	72435	Methoxychlor	8080A	ug/L		0.5	U		0.5	U
23	12674112	Aroclor 1016	8080A	ug/L		0.5	U		0.5	U
24	11104282	Aroclor 1221	8080A	ug/L		0.5	U		0.5	U

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					MW000RFIMW-25D			MW000RFIMW-26		
					A6L190128024			A6L190128026		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	U		0.5	U
26	53469219	Aroclor 1242	8080A	ug/L		0.5	U		0.5	U
27	12672296	Aroclor 1248	8080A	ug/L		0.5	U		0.5	U
28	11097691	Aroclor 1254	8080A	ug/L		1	U		1	U
29	11096825	Aroclor 1260	8080A	ug/L		1	U		1	U
30	8001352	Toxaphene	8080A	ug/L		1.2	U		1.2	U

					MW000RFIMW-27			MW000RFIMW-28		
					A6L190128021			A6L190128017		
					12/20/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.2	U		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.2	U		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.2	U		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.2	U		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.2	U		0.05	UJ
6	57749	Chlordane	8080A	ug/L		2	U		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.2	U		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.2	U		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.4	U		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.4	U		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.4	U		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.4	U		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.2	U		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.4	U		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.4	U		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.4	U		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.4	U		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.2	U		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.2	U		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.2	U		0.05	UJ
21	143500	Kepone	8080A	ug/L		4	U		1	UJ
22	72435	Methoxychlor	8080A	ug/L		2	U		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		2	U		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		2	U		0.5	UJ

					MW000RFIMW-27			MW000RFIMW-28		
					A6L190128021			A6L190128017		
					12/20/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		2	U		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		2	U		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		2	U		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		4	U		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		4	U		1	UJ
30	8001352	Toxaphene	8080A	ug/L		5	U		1.2	UJ

					MW000RFIMW-29			MW000RFIMW-3		
					A6L190128020			A6L190128003		
					12/20/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ

					MW000RFIMW-29			MW000RFIMW-3		
					A6L190128020			A6L190128003		
					12/20/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

					MW000RFIMW-4			MW000RFIMW-5		
					A6L190128004			A6L190128005		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ

					MW000RFIMW-4			MW000RFIMW-5		
					A6L190128004			A6L190128005		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

					MW000RFIMW-6			MW000RFIMW-7		
					A6L190128006			A6L190128007		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide Analytical Results

					MW000RFIMW-6			MW000RFIMW-7		
					A6L190128006			A6L190128007		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

					MW000RFIMW-8			MW000RFIMW-9		
					A6L190128008			A6L190128009		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ

					MW000RFIMW-8			MW000RFIMW-9		
					A6L190128008			A6L190128009		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

					RS000RFIMW-26		
					A6L190128027		
					12/20/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	U
2	319846	alpha-BHC	8080A	ug/L		0.05	U
3	319857	beta-BHC	8080A	ug/L		0.05	U
4	319868	delta-BHC	8080A	ug/L		0.05	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	U
6	57749	Chlordane	8080A	ug/L		0.5	U
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	U
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	U
9	72548	4,4'-DDD	8080A	ug/L		0.1	U
10	72559	4,4'-DDE	8080A	ug/L		0.1	U
11	50293	4,4'-DDT	8080A	ug/L		0.1	U
12	60571	Dieldrin	8080A	ug/L		0.1	U
13	959988	Endosulfan I	8080A	ug/L		0.05	U
14	33213659	Endosulfan II	8080A	ug/L		0.1	U
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	U
16	72208	Endrin	8080A	ug/L		0.1	U
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	U
18	76448	Heptachlor	8080A	ug/L		0.05	U
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	U
20	465736	Isodrin	8080A	ug/L		0.05	U
21	143500	Kepone	8080A	ug/L		1	U
22	72435	Methoxychlor	8080A	ug/L		0.5	U
23	12674112	Aroclor 1016	8080A	ug/L		0.5	U
24	11104282	Aroclor 1221	8080A	ug/L		0.5	U

					RS000RFIMW-26		
					A6L190128027		
					12/20/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
25	11141165	Aroclor 1232	8080A	ug/L		0.5	U
26	53469219	Aroclor 1242	8080A	ug/L		0.5	U
27	12672296	Aroclor 1248	8080A	ug/L		0.5	U
28	11097691	Aroclor 1254	8080A	ug/L		1	U
29	11096825	Aroclor 1260	8080A	ug/L		1	U
30	8001352	Toxaphene	8080A	ug/L		1.2	U

BASF - Final, Herbicide Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N			MW000RFIMW-1		
					A6L190128022			A6L190128001		
					12/20/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		2.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.5	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		1	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		5	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-10 (MS/MSD)			MW000RFIMW-10D		
					A6L190128011			A6L190128013		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

					MW000RFIMW-11			MW000RFIMW-2		
					A6L190128012			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		2.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.5	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		1	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		5	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-23			MW000RFIMW-24 (MS/MSD)		
					A6L190128016			A6L190128025		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		2.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.5	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		1	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		5	U

					MW000RFIMW-25			MW000RFIMW-25D		
					A6L190128023			A6L190128024		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-26			MW000RFIMW-27		
					A6L190128026			A6L190128021		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

					MW000RFIMW-28			MW000RFIMW-29		
					A6L190128017			A6L190128020		
					12/19/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		25	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		5	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		10	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		50	U		1	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-3			MW000RFIMW-4		
					A6L190128003			A6L190128004		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		2.5	U		2.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.5	U		0.5	U
3	93765	2,4,5-T	8150B	ug/L		1	U		1	U
4	87865	Pentachlorophenol	8150B	ug/L		5	U		5	U

					MW000RFIMW-5			MW000RFIMW-6		
					A6L190128005			A6L190128006		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		2.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.5	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		1	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		5	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-7			MW000RFIMW-8		
					A6L190128007			A6L190128008		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

					MW000RFIMW-9			RS000RFIMW-26		
					A6L190128009			A6L190128027		
					12/18/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

					BASF					
					A6L190128					
					MW000PMINA			MW000RFIMW-12		
					A6L190128019			A6L190128014		
					12/20/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/kg		100	U		100	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/kg		25	U		25	U
3	93765	2,4,5-T	8150B	ug/kg		25	U		25	U
4	87865	Pentachlorophenol	8150B	ug/kg		25	U		25	U

					MW000RFIMW-22		
					A6L190128015		
					12/19/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/kg		100	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/kg		25	U
3	93765	2,4,5-T	8150B	ug/kg		25	U
4	87865	Pentachlorophenol	8150B	ug/kg		25	U

BASF - Final Metal Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N					
					A6L190128022					
					12/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.0064	0.005		0.016	0.005	
3	7440393	Barium	6010A	mg/L	0.091	0.01		0.095	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.014	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L	0.042	0.02		0.034	0.02	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.022	0.005	

BASF - Final, Metal Analytical Results

					MW000PMINA					
					A6L190128019					
					12/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U*
2	7440382	Arsenic	6010A -T	mg/L	0.56	0.005		0.66	0.005	
3	7440393	Barium	6010A	mg/L	0.048	0.01		0.069	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.014	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.0053	U*		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.018	0.01	
10	7440020	Nickel	6010A	mg/L	0.041	0.04		0.054	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L	0.044	0.02		0.055	0.02	
14	7440666	Zinc	6010A	mg/L	0.048	0.02			0.065	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.027	0.005		0.04	0.005	
17	7440360	Antimony	6010A -T	mg/L	0.014	0.005		0.02	0.005	
18	57125	Total Cyanide	9012	mg/L				15	1.2	

					MW000RFIMW-1					
					A6L190128001					
					12/17/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.0064	0.005			0.005	U
3	7440393	Barium	6010A	mg/L	0.31	0.01		0.27	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.0069	U*		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.0091	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.053	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-10 (MS/MSD)					
					A6L190128011					
					12/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.015	0.005		0.016	0.005	
3	7440393	Barium	6010A	mg/L	0.65	0.01		0.75	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.022	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.005	U

BASF - Final, Metal Analytical Results

					MW000RFIMW-10D					
					A6L190128013					
					12/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.015	0.005		0.017	0.005	
3	7440393	Barium	6010A	mg/L	0.65	0.01		0.75	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L	0.026	0.02			0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.005	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-11					
					A6L190128012					
					12/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U	0.0053	0.0002	
2	7440382	Arsenic	6010A -T	mg/L	0.014	0.005		0.11	0.005	
3	7440393	Barium	6010A	mg/L	0.11	0.01		0.28	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.19	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.32	0.01	
10	7440020	Nickel	6010A	mg/L		0.04	U	0.1	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.072	0.02	
14	7440666	Zinc	6010A	mg/L	0.024	0.02		0.49	0.02	
15	7440439	Cadmium	6010A -T	mg/L		0.001	U	0.0028	0.001	
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.087	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U	0.0085	0.005	
18	57125	Total Cyanide	9012	mg/L				0.036	0.005	

					MW000RFIMW-12					
					A6L190128014					
					12/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L						
2	7440382	Arsenic	6010A -T	mg/L	0.25	0.005		0.24	0.005	
3	7440393	Barium	6010A	mg/L	0.024	0.01		0.15	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.015	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.013	U*		0.0088	U*
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.032	0.01	
10	7440020	Nickel	6010A	mg/L	0.19	0.04		0.2	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L	0.25	0.02		0.25	0.02	
14	7440666	Zinc	6010A	mg/L	0.046	0.02		0.12	0.02	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U	0.0013	0.001	
16	7440473	Chromium	6010A -T	mg/L	0.052	0.005		0.074	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				1.4	0.1	

BASF - Final, Metal Analytical Results

					X1					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L	0.003	0.0002		0.0028	0.0002	
2	7440382	Arsenic	6010A -T	mg/L						
3	7440393	Barium	6010A	mg/L						
4	7439921	Lead	6010A -T	mg/L						
5	7440417	Beryllium	6010A	mg/L						
6	7782492	Selenium	6010A -T	mg/L						
7	7440280	Thallium	6010A -T	mg/L						
8	7440484	Cobalt	6010A	mg/L						
9	7440508	Copper	6010A	mg/L						
10	7440020	Nickel	6010A	mg/L						
11	7440224	Silver	6010A	mg/L						
12	7440315	Tin	6010A	mg/L						
13	7440622	Vanadium	6010A	mg/L						
14	7440666	Zinc	6010A	mg/L						
15	7440439	Cadmium	6010A -T	mg/L						
16	7440473	Chromium	6010A -T	mg/L						
17	7440360	Antimony	6010A -T	mg/L						
18	57125	Total Cyanide	9012	mg/L						

					MW000RFIMW-2					
					A6L190128002					
					12/17/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.0092	0.005		0.0075	0.005	
3	7440393	Barium	6010A	mg/L	0.4	0.01		0.53	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L	0.041	0.02			0.054	U*
15	7440439	Cadmium	6010A -T	mg/L	0.0011	0.001			0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.03	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.009	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-22					
					A6L190128015					
					12/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.29	0.005		0.27	0.005	
3	7440393	Barium	6010A	mg/L	0.11	0.01		0.12	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U*		0.0055	U*
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.0097	U*		0.011	U*
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L	0.019	0.01		0.021	0.01	
10	7440020	Nickel	6010A	mg/L	0.089	0.04		0.079	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L	0.93	0.02		0.82	0.02	
14	7440666	Zinc	6010A	mg/L	0.024	0.02			0.033	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.078	0.005		0.083	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				41	5	

					MW000RFIMW-23					
					A6L190128016					
					12/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.0062	0.005		0.0063	0.005	
3	7440393	Barium	6010A	mg/L	0.13	0.01		0.13	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.024	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.0072	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				1.1	0.1	

BASF - Final, Metal Analytical Results

					MW000RFIMW-24 (MS/MSD)					
					A6L190128025					
					12/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.039	0.01		0.061	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.0031	U*
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.0076	U*		0.012	U*
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.034	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.036	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.53	0.05	

BASF - Final, Metal Analytical Results

					MW000RFIMW-25					
					A6L190128023					
					12/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.11	0.01		0.13	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U*		0.0041	U*
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U*		0.006	U*
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.018	0.01	
10	7440020	Nickel	6010A	mg/L	0.12	0.04		0.13	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U*		0.075	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	J	0.67	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.31	0.025	

BASF - Final, Metal Analytical Results

					MW000RFIMW-25D					
					A6L190128024					
					12/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.13	0.01		0.14	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.011	0.01	
10	7440020	Nickel	6010A	mg/L	0.14	0.04		0.14	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.048	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.21	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.32	0.025	

					MW000RFIMW-26					
					A6L190128026					
					12/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U	0.0082	0.005	
3	7440393	Barium	6010A	mg/L	0.39	0.01		0.45	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.0056	U*
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.0063	U*		0.0054	U*
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L	0.01	0.01	J	0.035	0.01	
10	7440020	Nickel	6010A	mg/L	1.5	0.04		0.86	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.028	0.02	
14	7440666	Zinc	6010A	mg/L	0.054	0.02			0.083	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.018	0.005		3.3	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.007	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-27					
					A6L190128021					
					12/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.22	0.01		0.23	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L	0.041	0.02			0.023	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.0065	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.022	0.005	

					MW000RFIMW-28					
					A6L190128017					
					12/19/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.039	0.005		0.044	0.005	
3	7440393	Barium	6010A	mg/L	0.052	0.01		0.052	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L	0.022	0.02			0.039	U*
15	7440439	Cadmium	6010A -T	mg/L	0.0012	0.001			0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.0052	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.019	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-29					
					A6L190128020					
					12/20/96					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U			
2	7440382	Arsenic	6010A -T	mg/L		0.005	U	0.0085	0.005	
3	7440393	Barium	6010A	mg/L	0.057	0.01		0.11	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.0052	U*
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.015	0.01	
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.02	0.02	
14	7440666	Zinc	6010A	mg/L		0.02	U		0.042	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.065	0.005	
17	7440360	Antimony	6010A -T	mg/L	0.0083	0.005		0.007	0.005	
18	57125	Total Cyanide	9012	mg/L				0.008	0.005	

BASF - Final, Metal Analytical Results

								MW000RFIMW-3			
								A6L190128003			
								12/18/96			
					X1						
					U			F			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U	
2	7440382	Arsenic	6010A -T	mg/L					0.005	U	
3	7440393	Barium	6010A	mg/L				1.1	0.01		
4	7439921	Lead	6010A -T	mg/L					0.003	UJ	
5	7440417	Beryllium	6010A	mg/L					0.005	U	
6	7782492	Selenium	6010A -T	mg/L					0.005	U	
7	7440280	Thallium	6010A -T	mg/L					0.01	UJ	
8	7440484	Cobalt	6010A	mg/L					0.05	U	
9	7440508	Copper	6010A	mg/L					0.01	U	
10	7440020	Nickel	6010A	mg/L					0.04	U	
11	7440224	Silver	6010A	mg/L					0.01	U	
12	7440315	Tin	6010A	mg/L					1	U	
13	7440622	Vanadium	6010A	mg/L					0.02	U	
14	7440666	Zinc	6010A	mg/L					0.02	U	
15	7440439	Cadmium	6010A -T	mg/L					0.001	U	
16	7440473	Chromium	6010A -T	mg/L					0.005	U	
17	7440360	Antimony	6010A -T	mg/L					0.005	U	
18	57125	Total Cyanide	9012	mg/L							

BASF - Final, Metal Analytical Results

									MW000RFIMW-4			
									A6L190128004			
									12/18/96			
					U				F			
					WATER				WATER			
					Result	Detect Limit	Final Qual		Result	Detect Limit	Final Qual	
1	7439976	Mercury	7470A	mg/L		0.0002	U			0.0002	U	
2	7440382	Arsenic	6010A -T	mg/L	0.026	0.005			0.25	0.005		
3	7440393	Barium	6010A	mg/L	1.7	0.01			0.068	0.01		
4	7439921	Lead	6010A -T	mg/L	0.021	0.003				0.003	UJ	
5	7440417	Beryllium	6010A	mg/L		0.005	U			0.005	U	
6	7782492	Selenium	6010A -T	mg/L		0.005	U			0.005	U	
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ			0.01	UJ	
8	7440484	Cobalt	6010A	mg/L		0.05	U			0.05	U	
9	7440508	Copper	6010A	mg/L	0.04	0.01				0.01	U	
10	7440020	Nickel	6010A	mg/L	0.062	0.04				0.04	U	
11	7440224	Silver	6010A	mg/L		0.01	U			0.01	U	
12	7440315	Tin	6010A	mg/L		1	U			1	U	
13	7440622	Vanadium	6010A	mg/L	0.042	0.02				0.02	U	
14	7440666	Zinc	6010A	mg/L		0.11	U*			0.02	U	
15	7440439	Cadmium	6010A -T	mg/L		0.001	U			0.001	U	
16	7440473	Chromium	6010A -T	mg/L	0.04	0.005				0.005	U	
17	7440360	Antimony	6010A -T	mg/L		0.005	U			0.005	U	
18	57125	Total Cyanide	9012	mg/L		0.005	UJ					

BASF - Final, Metal Analytical Results

					MW000RFIMW-5					
					A6L190128005					
					12/18/96					
					U			F		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.41	0.005			0.005	U
3	7440393	Barium	6010A	mg/L	0.078	0.01		1.2	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.024	U*		0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.0058	0.005			0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L	0.057	0.005	J			

BASF - Final, Metal Analytical Results

								MW000RFIMW-6			
								A6L190128006			
								12/18/96			
					U			F			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U*
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	1.4	0.01		0.11	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.0061	U*		0.0076	U*
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U	0.062	0.02	
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.0066	0.005			0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L		0.005	UJ			

								MW000RFIMW-7			
								A6L190128007			
								12/18/96			
					U			F			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual	
1	7439976	Mercury	7470A	mg/L		0.00053	U*		0.0002	U	
2	7440382	Arsenic	6010A -T	mg/L	0.0056	0.005			0.005	U	
3	7440393	Barium	6010A	mg/L	0.12	0.01		0.11	0.01		
4	7439921	Lead	6010A -T	mg/L		0.0058	U*		0.003	UJ	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U	
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.018	U*	
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ	
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U	
9	7440508	Copper	6010A	mg/L	0.013	0.01	J		0.01	U	
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U	
12	7440315	Tin	6010A	mg/L		1	U		1	U	
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U	
14	7440666	Zinc	6010A	mg/L		0.067	U*		0.02	U	
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U	
16	7440473	Chromium	6010A -T	mg/L	0.016	0.005		0.0088	0.005		
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U	
18	57125	Total Cyanide	9012	mg/L	0.007	0.005	J				

BASF - Final, Metal Analytical Results

								MW000RFIMW-8			
								A6L190128008			
								12/18/96			
					U			F			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.0073	0.005			0.005	U
3	7440393	Barium	6010A	mg/L	0.13	0.01				
4	7439921	Lead	6010A -T	mg/L		0.0038	U*		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L	0.021	0.005			0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L	0.02	0.01	J		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	U		1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.11	U*	0.033	0.02	
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.035	0.005			0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L	0.041	0.005	J			

								X1			
					U			F			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U			
2	7440382	Arsenic	6010A -T	mg/L		0.005	U			
3	7440393	Barium	6010A	mg/L				0.96	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ			
5	7440417	Beryllium	6010A	mg/L		0.005	U			
6	7782492	Selenium	6010A -T	mg/L		0.005	U			
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ			
8	7440484	Cobalt	6010A	mg/L		0.05	U			
9	7440508	Copper	6010A	mg/L		0.01	U			
10	7440020	Nickel	6010A	mg/L		0.04	U			
11	7440224	Silver	6010A	mg/L		0.01	U			
12	7440315	Tin	6010A	mg/L		1	U			
13	7440622	Vanadium	6010A	mg/L		0.02	U			
14	7440666	Zinc	6010A	mg/L		0.039	U*			
15	7440439	Cadmium	6010A -T	mg/L		0.001	U			
16	7440473	Chromium	6010A -T	mg/L		0.005	U			
17	7440360	Antimony	6010A -T	mg/L		0.005	U			
18	57125	Total Cyanide	9012	mg/L		0.005	UJ			

BASF - Final, Metal Analytical Results

								MW000RFIMW-9			
								A6L190128009			
								12/18/96			
					U			F			
					WATER			WATER			
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L					0.0002	U
2	7440382	Arsenic	6010A -T	mg/L				0.023	0.005	
3	7440393	Barium	6010A	mg/L	0.87	0.01		0.21	0.01	
4	7439921	Lead	6010A -T	mg/L					0.003	UJ
5	7440417	Beryllium	6010A	mg/L					0.005	U
6	7782492	Selenium	6010A -T	mg/L					0.005	U
7	7440280	Thallium	6010A -T	mg/L					0.01	UJ
8	7440484	Cobalt	6010A	mg/L					0.05	U
9	7440508	Copper	6010A	mg/L					0.01	U
10	7440020	Nickel	6010A	mg/L					0.04	U
11	7440224	Silver	6010A	mg/L					0.01	U
12	7440315	Tin	6010A	mg/L					1	U
13	7440622	Vanadium	6010A	mg/L					0.02	U
14	7440666	Zinc	6010A	mg/L					0.02	U
15	7440439	Cadmium	6010A -T	mg/L					0.001	U
16	7440473	Chromium	6010A -T	mg/L					0.005	U
17	7440360	Antimony	6010A -T	mg/L					0.005	U
18	57125	Total Cyanide	9012	mg/L						

									RS000RFIMW-26		
									A6L190128027		
									12/20/96		
					U				F		
					WATER				WATER		
					Result	Detect Limit	Final Qual		Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U			0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.025	0.005				0.005	U
3	7440393	Barium	6010A	mg/L	0.22	0.01				0.01	U
4	7439921	Lead	6010A -T	mg/L		0.003	UJ			0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U			0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U			0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ			0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U			0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U			0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U			0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U			0.01	U
12	7440315	Tin	6010A	mg/L		1	U			1	U
13	7440622	Vanadium	6010A	mg/L		0.02	U			0.02	U
14	7440666	Zinc	6010A	mg/L		0.028	U*			0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U			0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U			0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U			0.005	U
18	57125	Total Cyanide	9012	mg/L		0.005	UJ				

BASF - Final, Metal Analytical Results

					U			
					WATER			
					Result	Detect Limit	Final Qual	
1	7439976	Mercury	7470A	mg/L		0.0002	U	
2	7440382	Arsenic	6010A -T	mg/L		0.005	U	
3	7440393	Barium	6010A	mg/L		0.01	U	
4	7439921	Lead	6010A -T	mg/L		0.003	U	
5	7440417	Beryllium	6010A	mg/L		0.005	U	
6	7782492	Selenium	6010A -T	mg/L		0.005	U	
7	7440280	Thallium	6010A -T	mg/L		0.01	U	
8	7440484	Cobalt	6010A	mg/L		0.05	U	
9	7440508	Copper	6010A	mg/L		0.01	U	
10	7440020	Nickel	6010A	mg/L		0.04	U	
11	7440224	Silver	6010A	mg/L		0.01	U	
12	7440315	Tin	6010A	mg/L		1	U	
13	7440622	Vanadium	6010A	mg/L		0.02	U	
14	7440666	Zinc	6010A	mg/L	0.033	0.02		
15	7440439	Cadmium	6010A -T	mg/L		0.001	U	
16	7440473	Chromium	6010A -T	mg/L		0.005	U	
17	7440360	Antimony	6010A -T	mg/L		0.005	U	
18	57125	Total Cyanide	9012	mg/L		0.005	U	

BASF - Final, Wet Chemistry Analytical Results

					BASF					
					A6L190128					
					MW000P-34-N			MW000PMINA		
					A6L190128022			A6L190128019		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U	8	1	

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-1			MW000RFIMW-10 (MS/MSD)		
					A6L190128001			A6L190128011		
					12/17/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

					MW000RFIMW-10D			MW000RFIMW-11		
					A6L190128013			A6L190128012		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-12			MW000RFIMW-2		
					A6L190128014			A6L190128002		
					12/19/96			12/17/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L	8	1			1	U

					MW000RFIMW-22			MW000RFIMW-23		
					A6L190128015			A6L190128016		
					12/19/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L	3	1			1	U

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-24 (MS/MSD)			MW000RFIMW-25		
					A6L190128025			A6L190128023		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

					MW000RFIMW-25D			MW000RFIMW-26		
					A6L190128024			A6L190128026		
					12/20/96			12/20/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-27			MW000RFIMW-28		
					A6L190128021			A6L190128017		
					12/20/96			12/19/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

					MW000RFIMW-29			MW000RFIMW-3		
					A6L190128020			A6L190128003		
					12/20/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-4			MW000RFIMW-5		
					A6L190128004			A6L190128005		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L	2	1			1	U

					MW000RFIMW-6			MW000RFIMW-7		
					A6L190128006			A6L190128007		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-8			MW000RFIMW-9		
					A6L190128008			A6L190128009		
					12/18/96			12/18/96		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

					RS000RFIMW-26		
					A6L190128027		
					12/20/96		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U

APPENDIX D

Data Validation Reports and Analytical Laboratory Data (prepared by Environmental Standards, Inc.)

(Report 34a of 36)

ENVIRONMENTAL STANDARDS

Setting the Standards for Innovative Environmental Solutions

QUALITY ASSURANCE REVIEW

OF THE BASF RCRA FACILITY INVESTIGATION

SAMPLES COLLECTED MARCH 17, MARCH 18,

MARCH 19, MARCH 20, MARCH 21,

AND MARCH 24, 1997

IN WYANDOTTE, MICHIGAN

VOLUME I

September 12, 1997

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Introduction

This quality assurance (QA) review is based upon a rigorous examination of all data generated from the analyses of the samples collected March 17-21 and 24, 1997, as part of the BASF Corporation (BASF) Resource Conservation and Recovery Act (RCRA) Facility Investigation in Wyandotte, Michigan. The samples included in this QA review are presented on Table 1.

This review has been performed with guidance from the "National Functional Guidelines for Organic Data Review" (United States Environmental Protection Agency [US EPA], 2/94) and the "National Functional Guidelines for Inorganic Data Review" (US EPA, 2/94).

The reported analytical results are presented as a summary of the data in Section 2. Data were examined to determine the usability of the analytical results and the compliance relative to the analytical requirements specified in "Test Methods for Evaluating Solid Waste" (SW-846) and the BASF RCRA Facility Investigation Quality Assurance Project Plan (QAPP, Revision 2, May 1996). Qualifier codes have been placed next to results, so the data user can quickly assess the qualitative and/or quantitative reliability of any result. This critical QA review identifies data quality issues for specific samples and specific evaluation criteria. The data qualifications allow the data end-user to best understand the usability of the analytical results. It should be understood that data that have not been qualified in this report should be considered valid based on the quality control (QC) criteria that have been reviewed. Details of this QA review are presented in the narrative section of this report. This report was prepared to provide a critical review of the laboratory analyses and reported analytical results. Rigorous QA reviews of laboratory-generated data routinely identify various problems associated with analytical measurements, even from the most experienced and capable laboratories.

TABLE 1

SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

BASF Sample Number	Laboratory Sample Number	Sample Delivery Group (SDG)	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-24	A7C190143-001	A7C190143	Aq	3/18/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-24MS (Matrix Spike)	A7C190143-001	A7C190143	Aq	3/18/97	S,P,H
MW000RFIMW-24MSD (Matrix Spike Duplicate)	A7C190143-001	A7C190143	Aq	3/18/97	S,P,H
MW000RFIMW-24-RE-1 (Reextraction)	A7C190143-001	A7C190143	Aq	3/18/97	S
MW000RFIMW-25	A7C190143-002	A7C190143	Aq	3/18/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-25MS (Matrix Spike)	A7C190143-002	A7C190143	Aq	3/18/97	S
MW000RFIMW-25MSD (Matrix Spike Duplicate)	A7C190143-002	A7C190143	Aq	3/18/97	S
MW000RFIMW-26	A7C190143-003	A7C190143	Aq	3/18/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-26MS (Matrix Spike)	A7C190143-003	A7C190143	Aq	3/18/97	V
MW000RFIMW-26MSD (Matrix Spike Duplicate)	A7C190143-003	A7C190143	Aq	3/18/97	V
MW000RFIMW-26-RE-1 (Reextraction)	A7C190143-003	A7C190143	Aq	3/18/97	S
MW000RFIMW-27	A7C190143-004	A7C190143	Aq	3/18/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-27-RE-1 (Reextraction)	A7C190143-004	A7C190143	Aq	3/18/97	S
MW000P-34-N	A7C190143-005	A7C190143	Aq	3/18/97	V,S,P,H,M, M*,CN,AIS
MW000P-34-N-RE-1 (Reextraction)	A7C190143-005	A7C190143	Aq	3/18/97	S

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	Sample Delivery Group (SDG)	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-28	A7C190143-006	A7C190143	Aq	3/18/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-28-RE-1 (Reextraction)	A7C190143-006	A7C190143	Aq	3/18/97	S
TB-3/18/97 (Trip Blank)	A7C190143-007	A7C190143	Aq	3/18/97	V
MW000RFIMW-22	A7C190143-008	A7C190143	Aq	3/17/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-22-RE-1 (Reextraction)	A7C190143-008	A7C190143	Aq	3/17/97	S
MW000RFIMW-3	A7C190143-009	A7C190143	Aq	3/19/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-3-RE-1 (Reextraction)	A7C190143-009	A7C190143	Aq	3/19/97	S
MW000RFIMW-4	A7C190143-010	A7C190143	Aq	3/19/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-4-RE-1 (Reextraction)	A7C190143-010	A7C190143	Aq	3/19/97	S
MW000RFIMW-23	A7C190143-011	A7C190143	Aq	3/19/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-23-RE-1 (Reextraction)	A7C190143-011	A7C190143	Aq	3/19/97	S
MW000RFIMW-23MS (Matrix Spike)	A7C190143-011MS	A7C190143	Aq	3/19/97	M,M*,CN, AIS
MW000RFIMW-23MSD (Matrix Spike Duplicate)	A7C190143-011MSD	A7C190143	Aq	3/19/97	M,M*,CN, AIS
MW000RFIMW-2	A7C190143-012	A7C190143	Aq	3/19/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-2-RE-1 (Reextraction)	A7C190143-012	A7C190143	Aq	3/19/97	S
MW000RFIMW-10	A7C190143-013	A7C190143	Aq	3/20/97	V,S,P,H,M, M*,CN,AIS

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	Sample Delivery Group (SDG)	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-10-RE-1 (Reextraction)	A7C190143-013	A7C190143	Aq	3/20/97	S
MW000RFIMW-5	A7C190143-014	A7C190143	Aq	3/20/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-5-RE-1 (Reextraction)	A7C190143-014	A7C190143	Aq	3/20/97	S
MW000RFIMW-6	A7C190143-015	A7C190143	Aq	3/20/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-6-RE-1 (Reextraction)	A7C190143-015	A7C190143	Aq	3/20/97	S
MW000RFIMW-7	A7C190143-016	A7C190143	Aq	3/20/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-7-RE-1 (Reextraction)	A7C190143-016	A7C190143	Aq	3/20/97	S
MW000RFIMW-30	A7C190143-017	A7C190143	Aq	3/20/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-30-RE-1 (Reextraction)	A7C190143-017	A7C190143	Aq	3/20/97	S
TB-3/20/97 (Trip Blank)	A7C190143-018	A7C190143	Aq	3/20/97	V
MW000RFIMW-12	A7C190143-019	A7C190143	Aq	3/21/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-12-RE-1 (Reextraction)	A7C190143-019	A7C190143	Aq	3/21/97	S
MW000RFIMW-11	A7C190143-020	A7C190143	Aq	3/21/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-11-RE-1 (Reextraction)	A7C190143-020	A7C190143	Aq	3/21/97	S
MW000MWPMINA	A7C190143-021	A7C190143	Aq	3/21/97	V,S,P,H,M, M*,CN,AIS
MW000MWPMINA-RE-1 (Reextraction)	A7C190143-021	A7C190143	Aq	3/21/97	S

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	Sample Delivery Group (SDG)	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-29	A7C190143-022	A7C190143	Aq	3/21/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-29-RE-1 (Reextraction)	A7C190143-022	A7C190143	Aq	3/21/97	S
TB-3/21/97 (Trip Blank)	A7C190143-023	A7C190143	Aq	3/21/97	V
MW000RFIMW-1	A7C190143-024	A7C190143	Aq	3/24/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-1-RE-1 (Reanalysis)	A7C190143-024	A7C190143	Aq	3/24/97	S
MW000RFIMW-8 (MS/MSD)	A7C190143-025	A7C190143	Aq	3/24/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-8MS (MS/MSD) (Matrix Spike)	A7C190143-025	A7C190143	Aq	3/24/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-8MSD (MS/MSD) (Matrix Spike Duplicate)	A7C190143-025	A7C190143	Aq	3/24/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-9 (MS/MSD)	A7C190143-026	A7C190143	Aq	3/24/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-9MS (MS/MSD) (Matrix Spike)	A7C190143-026	A7C190143	Aq	3/24/97	V,S,P,H,M, M*,CN,AIS
MW000RFIMW-9MSD (MS/MSD) (Matrix Spike Duplicate)	A7C190143-026	A7C190143	Aq	3/24/97	V,S,P,H,M, M*,CN,AIS
TB-3/24/97 (Trip Blank)	A7C190143-027	A7C190143	Aq	3/24/97	V

NOTES:

V Volatile Organic Compounds by SW-846 Method 8260A.
S Semivolatile Organic Compounds by SW-846 Method 8270B.
P Organochlorine Pesticides/PCBs by SW-846 Method 8080A.
H Herbicides by SW-846 Method 8150B.
M Total Metals by SW-846 Method 6010A and 7471A.
M* Dissolved Metals by SW-846 Methods 6010A and 7471A.
CN Total Cyanide by SW-846 Method 9012.
AIS Acid-Insoluble Sulfide by SW-846 Method 9030A.

Section 1 Quality Assurance Review

A. Organic Data

The organic analyses of 37 samples (including QC samples) were performed by Quanterra Incorporated (Quanterra) of North Canton, Ohio. The samples were analyzed for volatile organic compounds by SW-846 Method 8260A, for semivolatile organic compounds by SW-846 Method 8270B, for organochlorine pesticides and PCBs by SW-846 Method 8080A, and for chlorinated herbicides by SW-846 Method 8150B, as indicated on Table 1. The data was received in one data package. The analytical results are presented in Section 2 of this report.

The findings in this report are based upon a rigorous review of sample holding times, blank analysis results, surrogate recoveries, laboratory control sample (LCS) recoveries, gas chromatography/mass spectroscopy (GC/MS) tuning, matrix spike and matrix spike duplicate recoveries, internal standard areas, target compound matching quality, calibrations, analytical sequence, and quantitation of positive results.

Several deficiencies were identified as follows. The data reviewer has included copies of all relevant raw data, QC forms, and other documentation needed to support any changes made to the data package in the Organic Data Support Documentation (Section 3) of this report. It should be emphasized that the following items do not necessarily affect data usability. Usability issues are addressed in a subsequent section.

Correctable Deficiencies

1. For all organic fractions, the laboratory incorrectly reported a "date received" on the Form I's for all method blanks and check samples. Because these are laboratory QC samples, the "date received" is not applicable. There is no impact on data quality due to this deficiency.

2. In the volatile fraction, the laboratory did not report the start and end date and time for the initial calibration performed between 03/06/97 at 09:34 and 03/10/97 at 11:16 on instrument A3UX3, respectively, on the Initial Calibration Data and Continuing Calibration summary forms. The data reviewer has edited the forms and included the forms in the Organic Data Support Documentation (Section 3). There is no impact on data quality due to these deficiencies.

3. In the volatile and semivolatile fractions, the reported average relative response factors (RRFs) for those compounds which are quantitated from calibration curves are not correctly reported on the Continuing Calibration Compounds summary forms. The

average RRFs are not the same as the average RRFs for these compounds reported on the Initial Calibration Data summary forms for the associated initial calibrations. Since the concentrations for all target compounds listing the incorrect average RRF are determined from a calibration curve and not from the average RRFs, there is no impact on data quality due to this deficiency.

4. On the Volatile Continuing Calibration Check and Semivolatile Continuing Calibration Percent Drift Report Form VIIs, the laboratory reported all percent differences as positive values. However, it is suggested by the percent drift equation in SW-846 protocol (SW-846 Method 8260A) that an increase in instrument sensitivity would produce a negative percent difference. It should be noted, however, that the laboratory did report the percent differences as negative values, when applicable, on the Semivolatile Continuing Calibration Check Form VIIs. There is no impact on data quality due to this deficiency.

5. According to the laboratory Case Narrative for the volatile fraction, samples MW000RFIMW-11 and MW000RFIMW-12 were run at a dilution due to foaming. However, according to the GC/MS VOA Run Log, samples MW000RFIMW-12 and MW000MWPMINA were analyzed at a dilution due to foaming. The data reviewer has corrected the Case Narrative and included it in Laboratory Case Narrative and Project Chain-of-Custody Records (Section 5).

6. The laboratory did not flag the surrogate recoveries for the semivolatile samples MW000RF1MW-7, MW000RFIMW-7-RE-1, MW000RFIMW-30, MW000RFIMW-30-RE-1, MW000RFIMW-1-RE-1 with a "D" on the Surrogate Recovery summary form (Form II) to indicate that this sample was analyzed at a dilution. There is no impact on data quality.

7. There are no temperatures recorded in association with the samples received on 3/21/97. According to the Quanterra® Cooler Receipt Form for the samples received on 3/21/97, the cooler temperature information was attached to the form. However, there was no temperature information attached. The data reviewer contacted the laboratory for the missing information. The laboratory resubmitted the Quanterra® Cooler Receipt Form for the samples received on 3/21/97. However, the cooler temperature information was still omitted. Therefore, the data reviewer cannot determine whether the samples received on 3/21/97 were received at the required temperature (4±2°C).

8. The Recovery Report for the pesticides/PCBs performance evaluation mixture (PEM) analyzed on 3/27/97 at 15:47 for the Rtx®-5 column states that the concentration units for the "concentration added" are µg/kg. However, the true concentration units are ng for the PEM. Similarly, the laboratory reported the "found" results for the PEM in units of

µg/kg and converted the instrument levels (in ng) to µg/kg. Consequently, the calculated recoveries for all of the compounds in the PEM are incorrect and biased very high. The data reviewer has corrected the Recovery Report for the PEM to reflect the correct concentrations and units.

9. In the pesticide/PCB and herbicides fractions, the laboratory determined the percent differences between the continuing calibrations and the associated initial calibrations by comparing the true amount found in the continuing calibration standard with the calculated amount. According to SW-846 Method 8000A (pg. 8000A-3, Sec. 7.4.2.3), the percent differences must be determined by comparing the response factors (RFs) obtained in the continuing calibration standard with the RFs obtained in the associated level 3 initial calibration standard (i.e., [initial calibration RF - continuing calibration RF] × 100/initial calibration RF).

10. In the pesticide/PCB fraction, the laboratory reported that the GC column was Rtx®-1701 on the Pesticide Analytical Sequence forms; however, the analytical sequences represent both GC columns (Rtx®-1701 and Rtx®-5) because the samples were injected onto both columns simultaneously. There is no impact on data quality due to this deficiency.

11. The chromatograph for the continuing calibration check standard analyzed on 4/13/97 at 03:54 displayed peaks within the retention time windows for surrogate compound 2,4-dichlorophenylacetic acid and for target compounds 2,4-D, 2,4,5-TP, and 2,4,5-T on the Rtx®-1701 and for 2,4-dichlorophenylacetic acid and for target compounds 2,4-D and 2,4,5-T on the Rtx®-5 columns which were not integrated by the instrument software. Consequently, these compounds were reported as "not-detected" on the associated Recovery Report forms. The laboratory should have manually integrated these peaks. There is no effect on the data due to this issue because good recoveries were reported for all compounds from the INDA and INDB standards bracketing the project samples, and a good recovery for *gamma*-BHC was reported from the Rtx®-1701 column for the LCS.

12. The laboratory did not provide a Recovery Report for the APPIX B537 mid-level isodrin and kepone calibration standard analyzed on the Rtx®-5 column on 4/10/97 at 18:51 for the pesticides/PCBs analysis, or for the B550 mid-level pentachlorophenol calibration standard analyzed on the Rtx®-1701 column on 4/12/97 at 17:52 for the herbicides analysis. The data reviewer used the raw data to determine the recoveries of the compounds in the standards and to determine data quality and laboratory adherence to the methods based on the recoveries.

13. It should be noted that the laboratory performed dilutions of samples MW000RFIMW-28, MW000RFIMW-22, MW000RFIMW-23, MW000RFIMW-12, MW000MWPMINA, and MW000RFIMW-1 for the pesticides/PCBs analysis. The

quantitation limits of all compounds in the samples were not raised by the reported dilution factors, with the exception of toxaphene, which was raised by the correct dilution factors for all samples listed above. Similarly, the laboratory performed dilutions of samples MW000RFIMW-22, MW000RFIMW-12, and MW000MWPMINA for the herbicides analysis, the quantitation limits of all herbicide compounds in the samples were not raised by the reported dilution factors. The data reviewer has raised the quantitation limits for all compounds (except toxaphene) in the samples to reflect the correct dilution factor used for the samples.

14. The PEM standard analyzed on the Rtx-1701 column on 3/27/97 at 15:47 displayed peaks for the endrin breakdown products endrin aldehyde and endrin ketone and for the 4,4'-DDT breakdown products 4,4'-DDE and 4,4'-DDD. However, the instrument software did not integrate the peaks so that the peak areas could be used for the evaluation of instrument performance. The data reviewer has noted that the peaks present for the breakdown products have areas which are obviously less than 30% those of the parent compounds, and there were no reported positive results for either the parent compounds or the breakdown products in the samples, so there is no effect on data quality.

15. The chromatograph for the PEM standard analyzed on 3/18/97 at 22:41 on the Rtx®-5 column erroneously indicates that the column was the Rtx®-1701 column. A comparison of the retention times demonstrates that it was in fact the Rtx®-5 column.

Noncorrectable Deficiencies

1. According to the laboratory Cooler Receipt Form, the project samples listed on Chain-of-Custody Record #26593, were received at the laboratory at 7.1°C. In addition, the project samples listed on Chain-of-Custody Records #26596, #26597, and #26599 were all received at the laboratory at 9.7°C. This temperature is above the 4±2°C required for sample preservation (SW-846, Chapter Four, Table 4-1); however, in the data reviewer's opinion, the temperature is not high enough (>10°C) to warrant qualification of the samples. Therefore, there is no impact on data quality due to these elevated temperatures.

2. According to the BASF RFI QAPP (Table 3-2), the laboratory was required to utilize the surrogate compounds 4-bromofluorobenzene, toluene-d_8, and dibromofluoromethane in the samples analyzed by SW-846 Method 8260A. However, the laboratory utilized the surrogate compound 1,2-dichloroethane-d_4 instead of the surrogate compound dibromofluoromethane in the samples analyzed by SW-846 Method 8260A. There is no impact on data usability due to this issue.

3. In the volatile analysis, samples Trip Blank (3/20/97), MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-28, and MW000MWPMINA were analyzed beyond the seven day holding time from sample collection to analysis for unpreserved aqueous samples (SW-846, Chapter Four, Table 4-1). The impact of this deficiency on data usability is discussed in the Organic Data Qualifiers section.

4. The trip blank collected with the samples on March 21, 1997 was not entered on the Chain-of-Custody Record #26593. There is no impact on data usability due to this issue.

5. According to the laboratory Case Narrative, the laboratory reextracted and reanalyzed samples MW000RFIMW-24, MW000RFIMW-25, MW000RFIMW-26, MW000RFIMW-27, MW000P-34-N, MW000RFIMW-28, MW000RFIMW-22, MW000RFIMW-3, MW000RFIMW-4, MW000MWPMINA, MW000RFIMW-23, MW000RFIMW-2, MW000RFIMW-10, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-30, MW000RFIMW-12, MW000RFIMW-11, and MW000RFIMW-29 due to low surrogate recoveries observed in the associated LCSs. Acceptable surrogate recoveries were observed for the LCS associated with the reextracted and reanalyzed samples. However, the samples were reextracted beyond the seven day holding time from collection to extraction. Therefore, the laboratory reported both the original analysis and the reanalysis of the samples in the data package provided. The impact on data quality due to exceeded holding times is addressed in the subsequent Organic Data Qualifiers section.

6. As stated in the laboratory Case Narrative, low surrogate recoveries were observed for the LCS associated with samples MW000RFIMW-24 and MW000RFIMW-2. The laboratory reextracted and reanalyzed the associated samples. Upon reextraction and reanalysis, very low surrogate recoveries ($<10\%$) were observed for samples MW000RFIMW-24 and MW000RFIMW-2. Due to insufficient sample volume, no further corrective action could be taken. The impact on data usability due to the low recoveries is addressed in the subsequent Organic Data Qualifiers section.

Comments

1. The precision and accuracy QC limits reported by the laboratory on the matrix spike and LCS forms and the QC limits reported by the laboratory for all surrogate compounds on the Surrogate Recovery Forms differ from those reported on Tables 3-1 and 3-2 of the BASF QAPP. Upon investigation as to why the QC limits differ, it was discovered that the laboratory limits are subject to change, and that those limits reported in the QAPP reflect the laboratory QC limits at the time the QAPP was prepared. Discussions between representatives from Quanterra Laboratories and United States Environmental Protection

Agency (US EPA) Region V have resulted in an agreement that the laboratory's recovery limits are subject to change and that Tables 3-1 and 3-2 of the BASF QAPP are in the process of being updated to reflect this situation. The laboratory-reported recovery limits (not the limits specified on Tables 3-1 and 3-2 of the BASF QAPP [Revision 2, May 1996]) have been used to assess data quality. Refer to Section 6 of this report for documentation regarding this issue.

2. In the semivolatile fraction, the compounds 3-methylphenol and 4-methylphenol could not be separated chromatographically nor differentiated spectrally for samples MW000MWPMINA-RE-1, MW000RFIMW-12, MW000RFIMW-12-RE-1, MW000RFIMW-2, MW000RFIMW-28, MW000RFIMW-28-RE-1, MW000RFIMW-3, MW000RFIMW-3-RE-1, MW000RFIMW-30, MW000RFIMW-30-RE-1, MW000RFIMW-5, MW000RFIMW-5-RE-1, MW000RFIMW-6, MW000RFIMW-6-RE-1, MW000RFIMW-7, and MW000RFIMW-7-RE-1. The impact on the semivolatile data quality due to this issue is addressed in the Organic Data Qualifiers section.

3. As stated in the laboratory Case Narrative for the volatile fraction, samples MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-28, and MW000PMINA were received at the laboratory with a pH value > 2.0.

4. In the volatile and semivolatile fractions, internal standard (IS) areas and retention times (RTs) for the continuing calibration standards used for the quantitation of the additional Appendix IX compounds were not listed on the associated Form VIII VOA and Form VIII SV-1. The data reviewer has compared the IS areas and RTs of the samples in the SDG to the IS areas and RTs of these continuing calibration standards and has confirmed that the IS areas and RTs of all samples were acceptable for both fractions. There is no impact on data usability due to this issue.

5. In the semivolatile analysis, the relative abundance for m/e 365 in the Semivolatile Organic GC/MS Tunes (Decafluorotriphenylphosphine) analyzed on April 2, 1997 at 08:40, April 7, 1997, at 09:53, April 9, 1997 at 10:34, and on April 14, 1997 at 10:31 were 1.0%. As per the ion abundance criteria listed on Form V, the m/e relative abundance should be greater than 1.0%. However, according to Quanterra Standard Operating Procedure (SOP No. CORP-MS-0001, Table 6), the relative abundance for m/e 365 should be > 1%. The data reviewer recalculated the relative abundances for the aforementioned tunes and the results obtained were 1.06%, 1.01%, 1.05%, and 1.03%, respectively. It is the data reviewer's opinion that because the relative abundance are greater than 1%, data quality is not impacted.

6. According to the laboratory Case Narrative for the volatile fraction, sample MW000RFIMW-28 was analyzed at a 2.5× dilution due to tentatively identified compounds. The quantitation limits were raised accordingly.

7. A 0% recovery was observed for the semivolatile surrogate 2,4,6-tribromophenol in sample MW000RFIMW-22. It should be noted that this recovery was not used to evaluate the data because the sample was analyzed at a 20-fold dilution.

8. According to the laboratory Case Narrative, sample MW000RFIMW-22 has elevated reporting limits due to sample matrix or tentatively identified compounds (TICs).

9. According to the laboratory Case Narrative, sample MW000RFIMW-1 was reanalyzed at a dilution due to high analyte concentration. The quantitation limits were raised accordingly.

10. Pages 231-233 were omitted from the data package provided. In addition, the Initial Calibration summary form (Form VI) for the initial calibration analyzed on April 2, 1997, between 09:36 and 11:49 was omitted from the data package provided. Also, the measured concentrations reported on the Continuing Calibration summary form (Form VII) were incorrect for the continuing calibration performed on April 8, 1997 at 14:40:39. Page 2 of the Continuing Calibration check sample summary form (Form VII) was omitted from the data package for the continuing calibration analyzed on April 11, 1997 at 11:10:57. The laboratory has provided the missing information and the resubmissions have been included in the data package provided.

11. In the pesticide fraction, the laboratory reported the quantitation limit for toxaphene as 1.2 µg/l instead of the QAPP-required 1.0 µg/l (Table 7-4). In discussions with the laboratory, it was discovered that the laboratory's lowest reporting limit for toxaphene (aqueous) is 1.2 µg/l and that reporting below 1.2 µg/l could not be done reliably. Therefore, the reporting limit of 1.2 µg/l, instead of the QAPP-required reporting limit of 1.0 µg/l, is present on the organic data tables (Section 2).

12. The laboratory used only four peaks in the initial calibration for kepone on the Rtx®-1701 column in the pesticide/PCBs analysis. The raw data provided shows that a fifth (high concentration standard) was analyzed for kepone, but the area count obtained for the compound was not used in the generation of the calibration equation. Because no positive results were reported for kepone, and because a 5-point calibration was performed for the Rtx®-5 column, there is no affect on data quality and the laboratory performed the analysis in accordance to the published methods.

13. For the pesticides/PCBs analysis, the peak areas for target compound heptachlor were noted to be about 2% those for *gamma*-BHC in all calibration standards for the Rtx®-1701 and Rtx®-5 columns. However, the chromatographs show that the peaks for the two compounds were very similar in size and therefore should have approximately the

same areas. The reason for the discrepancies were not determined by the data reviewer. It should be noted that all calibration check analyses displayed acceptable recoveries for heptachlor on one or both analytical columns, and data was not affected by this issue.

14. The laboratory did not provide the raw data for the Rtx®-5 column analysis of the toxaphene continuing calibration check standard analysis performed on 4/4/97 at 11:57 in the pesticide/PCBs analysis of the project samples. In addition, pages 2612 through 2615 (inclusive) were not provided. Upon notification, the laboratory provided the missing information.

With regard to data usability, the principal areas of concern include blank contamination, exceeded holding times of unpreserved samples, positive result exceeding the calibration range, calibration issues, low LCS recoveries, low matrix spike and/or matrix spike duplicate recoveries, low surrogate recoveries, air bubbles in the samples, quantitative compound identification problems, and quantitation of positive results below the quantitation limit. Based upon a review of the data package provided, the following data qualifiers are offered. It should be noted that the following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to the sample matrix problems. Similarly, the validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the following data usability issues should <u>not</u> necessarily be construed as an indication of laboratory performance.

<u>Organic Data Qualifiers</u>

- Due to the trace-level presence of methylene chloride, chloroform, and bis(2-ethylhexyl)phthalate in the associated trip and/or method blanks, the positive results for methylene chloride in samples MW000RFIMW-8, MW000RFIMW-9, MW000MWPMINA, MW000P-34-N MW000RFIMW-12, MW000RFIMW-23, MW000RFIMW-25, MW000RFIMW-30, MW000RFIMW-4, MW000RFIMW-6, MW000RFIMW-10; for chloroform in samples MW000MWPMINA and MW000RFIMW-29; and for bis(2-ethylhexyl)phthalate in sample MW000RFIMW-29-RE should be considered "not-detected" and have been flagged "U*" on the data tables. Furthermore, the results that were reported below the sample-specific quantitation limits were replaced with the quantitation limit and the appropriate "U*" qualifier.

- Although there is no direct reason to qualitatively question the positive results for methyl ethyl ketone in samples MW000RFIMW-30, MW000RFIMW-12, and MW000RFIMW-5; for acetone in samples MW000RFIMW-12, MW000RFIMW-22,

MW000RFIMW-30, MW000RFIMW-5, MW000RFIMW-6, and MW000RFIMW-7; for diethylphthalate in sample MW000RFIMW-3; and for bis-2-ethylhexylphthalate in samples MW000RFIMW-8 (MS/MSD), MW000P-34-N, MW000RFIMW-23, MW000RFIMW-24, and MW000RFIMW-30 these compounds are very common laboratory and/or field contaminants. Accordingly, caution should be exercised when using these results.

- The analyses for acetone, methyl ethyl ketone, acrolein, acetonitrile, acrylonitrile, isobutyl alcohol, propionitrile, methacrylonitrile, and 1,3,5-trinitrobenzene in all samples are unusable, and the "not-detected" results have been flagged "UR" on the data tables. In addition, the reported positive results for acetone in samples MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-30, MW000RFIMW-5, MW000RFIMW-6, and MW000RFIMW-7; for methyl ethyl ketone in samples MW000RFIMW-12, MW000RFIMW-30, and MW000RFIMW-5 should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Very low (<0.05) RRFs were observed for these compounds in the associated initial and/or continuing calibration standards.

- The actual quantitation limits for 2-chlorophenol and phenol in sample MW000RFIMW-25 are unusable and the "not-detected" results have been flagged "UR" on the data tables. Very low recoveries (%R$<$ 10%) were observed for 2-chlorophenol and phenol in the associated matrix spike analysis.

- The actual quantitation limits for the semivolatile compounds in samples MW000RFIMW-25-RE-1, MW000RFIMW-26-RE-1, MW000RFIMW-27-RE-1, MW000P-34-N-RE-1, MW000RFIMW-28-RE-1, MW000RFIMW-22-RE-1, MW000RFIMW-24-RE-1, MW000RFIMW-3-RE-1, MW000RFIMW-4-RE-1, MW000RFIMW-23-RE-1, MW000RFIMW-2-RE-1, MW000RFIMW-10-RE-1, MW000RFIMW-5-RE-1, MW000RFIMW-6-RE-1, MW000RFIMW-7-RE-1, MW000RFIMW-30-RE-1, MW000RFIMW-12-RE-1, MW000RFIMW-11-RE-1, MW000MWPMINA-RE-1, and MW000RFIMW-29-RE-1 are unusable and the "not-detected" results have been flagged "UR" on the data tables. In addition, the positive results for 2,4-dimethylphenol, 2-methylphenol, 3-methylphenol, 4-methylphenol, and pyridine in sample MW000RFIMW-28-RE-1; for bis(2-chloroethyl)ether, o-toluidine, phenol, and pyridine in sample MW000RFIMW-22-RE-1; for bis(2-chloroethyl)ether, 3-methylphenol, and 4-methylphenol in sample MW000RFIMW-3-RE-1; for 1,4-dioxane in sample MW000RFIMW-4-RE-1; for acenaphthylene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, benzo(a)pyrene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene in sample MW000RFIMW-23-RE-1; for bis(2-chloroethyl)ether in sample MW000RFIMW-2-RE-1; for 2-methylphenol, 3-methylphenol, 4-methylphenol, naphthalene, phenol, and for bis(2-chloroisopropyl)ether in sample

MW000RFIMW-5-RE-1; for 3-methylphenol, 4-methylphenol, phenol, and for bis(2-chloroisopropyl)ether in sample MW000RFIMW-6-RE-1, for acenaphthene, dibenzofuran, 2-methylnaphthalene, 3-methylphenol, 4-methylphenol, naphthalene, phenanthrene, phenol, and 1,4-dioxane in sample MW000RFIMW-7-RE-1; for acenaphthene, dibenzofuran, 2-methylnaphthalene, 2-methylphenol, 3-methylphenol, 4-methylphenol, naphthalene, phenanthrene, phenol, and 1,4-dioxane in sample MW000RFIMW-30-RE-1; for 3-methylphenol, 4-methylphenol, and phenol in sample MW000RFIMW-12-RE-1; for 2,6-dichlorophenol, 3-methylphenol, and 4-methylphenol in sample MW000MWPMINA-RE-1; and for bis(2-ethylhexyl)phthalate in sample MW000RFIMW-29-RE-1 should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. These samples were reextracted more than fourteen days outside the Federal Register holding time of 7 days from sample collection to sample extraction.

- The actual quantitation limits for the acid semivolatile compounds in samples MW000RFIMW-24-RE-1 and MW000RFIMW-2-RE-1 are unusable and the "not-detected" results have been flagged "UR" on the data tables. Very low recoveries (< 10%) were observed for the acid surrogate compound 2-fluorophenol.

- The analyses for all volatile compounds in samples MW000RFIMW-22, Trip Blank (3/20/97), and Trip Blank (3/24/97) are unusable, and the "not-detected" results have been flagged "UR" on the data tables. In addition, the reported positive results for methylene chloride in samples Trip Blank (3/20/97) and Trip Blank (3/24/97), for toluene in samples Trip Blank (3/24/97) and MW000RFIMW-22 and for acetone, benzene, chlorobenzene, and vinyl chloride in sample MW000RFIMW-22 are qualified as estimated and have been flagged "J". Air bubbles were observed in the sample vials of these samples which might have caused volatilization of the target compounds.

- The analysis for all pesticides/PCBs in sample MW000RFIMW-8 should be considered unreliable, and the "not-detected" results for the analytes in the sample have been flagged "UR" on the data summary tables. Very low recoveries (< 10%) were reported for surrogate compound decachlorobiphenyl on both analytical columns for the sample.

- The analysis for all herbicide compounds in sample MW000RFIMW-26 should be considered unreliable, and the "not-detected" results for the analytes in the sample have been flagged "UR" on the data summary tables. A low recovery (< 30%) was reported for surrogate compound 2,4-dichlorophenylacetic acid on the Rtx®-1701 column analysis of the sample, and a very low recovery (< 10%) was reported for the surrogate compound on the Rtx®-5 column analysis of the sample.

- The actual quantitation limits for the compounds listed in the samples below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. High percent drifts (>25%) were observed for these compounds in the associated continuing calibration standard.

Compound(s)	Sample(s)
vinyl acetate and acrolein	All Samples
isobutyl alcohol	MW000RFIMW-22, MW000RFIMW-24, and MW000RFIMW-25
bromomethane and propionitrile	MW000RFIMW-8 (MS/MSD)
4-nitrophenol and a,a-dimethylphenethylamine	MW000RFIMW-8 (MS/MSD), MW000RFIMW-9 (MS/MSD), MW000MWPMINA, MW000RFIMW-1, MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-24, MW000RFIMW-28, MW000RFIMW-3, and MW000RFIMW-7
4-nitroaniline	MW000RFIMW-8 (MS/MSD)
a,a-dimethylphenethylamine	MW000RFIMW-4, MW000RFIMW-23, MW000RFIMW-2, MW000RFIMW-10, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-11, MW000RFIMW-29, MW000RFIMW-25, MW000RFIMW-26, MW000RFIMW-27, MW000RFIMW-30, MW000P-34-N, MW000RFIMW-24-RE-1, MW000RFIMW-25-RE-1, MW000RFIMW-26-RE-1, MW000RFIMW-27-RE-1, MW000P-34-N-RE-1, MW000RFIMW-11-RE-1, MW000RFIMW-29-RE-1, MW000RFIMW-3-RE-1, MW000RFIMW-5-RE-1, MW000RFIMW-6-RE-1, MW000RFIMW-2-RE-1, MW000RFIMW-10-RE-1, MW000RFIMW-4-RE-1, MW000RFIMW-23-RE-1, MW000RFIMW-28-RE-1, MW000RFIMW-7-RE-1, MW000RFIMW-30-RE-1, MW000RFIMW-12-RE-1, MW000RFIMW-22-RE-1, MW000RFIMW-1-RE-1, and MW000MWPMINA-RE-1

- The reported positive results for the compounds listed in the samples below should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. High percent drifts (>25%) were observed for these compounds in the associated continuing calibration standard.

Compound(s)	Sample(s)
acetone	MW000RFIMW-5, MW000RFIMW-6, and MW000RFIMW-7
methyl ethyl ketone	MW000RFIMW-5
1,4-dioxane	MW000RFIMW-1, MW000RFIMW-22, and MW000RFIMW-7

- The actual quantitation limits for aromatic volatile compounds in Trip Blank (3/20/97), MW000RFIMW-12, MW000RFIMW-22, MW000RFIMW-28, and MW000MWPMINA may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. In addition, the reported positive results for acetone, benzene, and toluene in sample MW000RFIMW-12; for acetone, benzene, chlorobenzene, and toluene in sample MW000RFIMW-22; and for benzene in samples MW000RFIMW-28 and MW000MWPMINA should be considered estimated and have been flagged "J" on the data tables. These unpreserved samples were analyzed outside the Federal Register holding time of 7 days from sample collection to sample analysis.

- The actual quantitation limits for 1,2,4-trichlorobenzene, acenaphthene, 2,4-dinitrotoluene, pyrene, and 4-chloro-3-methylphenol in samples MW000RFIMW-25, MW000RFIMW-26, MW000RFIMW-27, MW000P-34-N, MW000RFIMW-28, MW000RFIMW-22, MW000RFIMW-24, MW000RFIMW-3, MW000RFIMW-4, MW000RFIMW-23, MW000RFIMW-2, MW000RFIMW-10, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-30, MW000RFIMW-12, MW000RFIMW-11, MW000RFIMW-29, and MW000MWPMINA may be higher than reported and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. The reported positive results for pyrene in sample MW000RFIMW-23; for acenaphthene in samples MW000RFIMW-7 and MW000RFIMW-30 should be considered estimated and have been flagged "J" on the data tables. Low recoveries were observed for these compounds in the associated laboratory control sample analysis.

- The reported positive result for 1,4-dioxane in sample MW000RFIMW-1 should be considered estimated and has been flagged "J" on the data tables. The result for 1,4-dioxane exceeded the instrument calibration range.

- The compounds 3-methylphenol and 4-methylphenol were not resolved under the chromatography conditions for samples MW000MWPMINA-RE-1, MW000RFIMW-12, MW000RFIMW-12-RE-1, MW000RFIMW-2, MW000RFIMW-28, MW000RFIMW-28-

RE-1, MW000RFIMW-3, MW000RFIMW-3-RE-1, MW000RFIMW-30, MW000RFIMW-30-RE-1, MW000RFIMW-5, MW000RFIMW-5-RE-1, MW000RFIMW-6, MW000RFIMW-6-RE-1, MW000RFIMW-7, and MW000RFIMW-7-RE-1. In addition, these isomers have indistinguishable mass spectra. The laboratory calculated and reported the values for these coeluting isomers as both 3-methylphenol and 4-methylphenol on the Form I's. Because each of the reported 3-methylphenol and 4-methylphenol results for the aforementioned samples may represent the concentration of both isomers or of only one of the isomers, these positive results for 3-methylphenol and 4-methylphenol should be considered estimated and presumptively present and have been flagged "JN" on the data tables. The Environmental Standards data reviewer included the quantitation reports and appropriate chromatograms in the Organic Data Support Documentation (Section 3).

- The laboratory has identified a positive result for aniline in sample MW000RFIMW-22 and for pyridine in sample MW000RFIMW-22-RE-1. Upon review of the sample chromatograms, it is the opinion of the data reviewer that aniline or pyridine may not be present in samples MW000RFIMW-22 or MW000RFIMW-22-RE-1, respectively. It should be noted that aniline and pyridine were not reported in sample MW000RFIMW-22 previously collected on 12/19/96. The data reviewer has reported the positive results for aniline and pyridine in samples MW000RFIMW-22 or MW000RFIMW-22-RE-1, respectively, on the data tables. The positive results have been qualified as estimated since they are reported below the sample specific quantitation limit.

- The quantitation limits for all pesticides/PCBs in all samples of Lot # A7C190143 except samples MW000RFIMW-28, MW000RFIMW-22, MW000RFIMW-23, MW000RFIMW-12, MW000MWPMINA, MW000RFIMW-1, and MW000RFIMW-8 may be biased low, and the "not-detected" results for all pesticide compounds and PCBs in the samples have been flagged "UJ" on the data tables. Low recoveries (<60%) were reported for surrogate compound decachlorobiphenyl on both analytical columns for the samples.

- The quantitation limits for *gamma*-BHC, heptachlor, aldrin, dieldrin, endrin, and 4,4'-DDT in sample MW000RFIMW-24 may actually be higher than those reported by the laboratory, and the "not-detected" results for the compounds in the sample have been flagged "UJ" on the data summary tables. Low recoveries (< the reported recovery criteria) were observed for all compounds in the pesticide/PCB matrix spike/matrix spike duplicate analysis of the sample.

- According to reporting conventions, the positive results for compounds reported below the sample-specific quantitation limit should be considered estimated and have been flagged "J" on the data tables.

A complete data support documentation of this organic QA review is provided in Section 3 of this report. The cover sheet for this section is a checklist of all the QA procedures required by the analytical protocols and examined in this data review.

B. Inorganic and Wet Chemistry Data

The inorganic and wet chemistry analyses of 29 samples (including QC samples) were performed by Quanterra Incorporated of North Canton, Ohio. These samples were collectively analyzed for total and dissolved metals by SW-846 Methods 6010A and 7471A; for total cyanide by SW-846 Method 9012; and for acid-insoluble sulfide by SW-846 Method 9030A, as specified in Table 1. The data was received in one data package. The analytical results are presented in Section 2 of this report.

The findings in this report are based upon a rigorous review of sample holding times, condition of samples upon receipt, blank analysis results, LCS recoveries, matrix spike and matrix spike duplicate recoveries, serial dilution results, ICP interference check samples, instrument sensitivity, instrument detection limits, calibrations, contract required detection limit (CRDL) standards, sample preparation, total versus dissolved results, and the quantitation of positive results.

Several deficiencies were identified as follows. The data reviewer has included copies of all relevant raw data, QC forms, and other documentation needed to support any changes made to the data package in the Inorganic and Wet Chemistry Data Support Documentation (Section 4) of this report. It should be emphasized that the following items do not necessarily affect data usability. Usability issues are addressed in a subsequent section.

Correctable Deficiencies

1. The laboratory reported the incorrect analysis times for a majority of the project samples, as well as QC samples run for tin on the ICP instrument ARL/I4 on the analysis run log. The data reviewer has corrected the times based on the raw data and included the analysis run log in the Inorganic and Wet Chemistry Data Support Documentation (Section 4).

2. The laboratory did not report the final CDRL standard analyzed on 4/10/97 at 15:40 on the CRDL Standard for AA and ICP (Form IIB). The data reviewer has corrected the Form IIB and included it and its associated raw data in the Inorganic and Wet Chemistry Data Support Documentation (Section 4). The impact on data usability is addressed in the subsequent Inorganic and Wet Chemistry Data Qualifiers section.

Noncorrectable Deficiencies

1. According to the laboratory Cooler Receipt Form, the project samples listed on the Chain-of-Custody Record #26593, were received at the laboratory at 7.1°C. In addition, the project samples listed on the Chain-of-Custody Records #26596, #26597, and #26599 were all received at the laboratory at 9.7°C. This temperature is above the 4±2°C required temperature for sample preservation (SW-846, Chapter Two, Table 2-16); however, in the data reviewer's opinion, the temperature is not high enough (>10°C) to warrant qualification of the samples. Therefore, there is no impact on data quality due to these elevated temperatures.

Comments

1. The laboratory used the instrument detection limits (IDLs) to determine the "not-detected" results for the calibration blanks, while the project-required reporting limits were used to determine the "not-detected" results for the laboratory preparation blanks and the project samples.

2. The project samples MW000RFIMW-27(U), MW000RFIMW-27(F), and MW000RFIMW-2(F) were analyzed for arsenic, barium, lead, selenium, thallium, silver, cadmium, chromium, and antimony at 2-fold dilutions due to matrix interference. The project sample MW000RFIMW-2(U) was analyzed for arsenic, barium, lead, selenium, thallium, silver, zinc, cadmium, chromium, and antimony at a 2-fold dilution due to matrix interference. Also, samples MW000RFIMW-5(U) and MW000RFIMW-5(F) were analyzed for tin at 4-fold and 2-fold dilutions, respectively, due to matrix interference. In addition, the project samples MW000RFIMW-24, MW000RFIMW-25, and MW000RFIMW-26 were analyzed for cyanide at 5-fold dilutions due to matrix interference. The project samples MW000RFIMW-23 and MW000RFIMW-12 were analyzed for cyanide at 20-fold dilutions due to matrix interference. Also, the project samples MW000RFIMW-22 and MW000MWPMINA were analyzed at 500-fold and 200-fold dilutions, respectively, due to matrix interference. The reporting limit for the aforementioned analyte in this sample was raised accordingly.

3. The laboratory did not report the results for the interfering elements (Al, Ca, Fe, and Mg) on the ICP Interference Check Sample summary form (Form IV). The interfering elements are not target analytes for these samples; however, the observed concentrations are reported by the laboratory in the raw data. The data reviewer has evaluated the samples for these interfering elements.

4. It was noted in the raw data for sample MW000MWPMINA that the undigested sample contained sediment.

5. The laboratory did not include the Chain-of-Custody Record for Sample MW000RFIMW-29 in the data package provided. However, the laboratory did include the laboratory Internal Chain-of-Custody form for this sample. The data reviewer has assumed that this sample was received in good condition and within the required temperature range. There is no impact on data usability due to this issue.

With regard to data usability, the principal areas of concern include blank contamination, ICP interference, poor agreement between the ICP multiple exposures, poor CRDL standard recoveries, poor serial dilution results, and poor matrix spike and matrix spike duplicate recoveries. Based upon a review of the data package provided, the following data qualifiers are offered. It should be noted that the following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to the sample matrix problems. Similarly, the validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the following data usability issues should not necessarily be construed as an indication of laboratory performance.

Inorganic and Wet Chemistry Data Qualifiers

- Due to the trace-level presence of copper, antimony, and zinc in the laboratory blanks, the positive results for copper, antimony, and zinc in the samples listed below should be considered "not-detected" and have been flagged "U*" on the data tables.

Analyte	Samples With Positive Results Qualified as "Not-Detected" ("U*")
zinc	MW000RFIMW-23(U), MW000RFIMW-9(U), MW000RFIMW-3(F), MW000RFIMW-25(U), MW000P-34-N(F), MW000RFIMW-26(F), MW000RFIMW-22(F), MW000RFIMW-27(U), MW000RFIMW-28(F), MW000RFIMW-8(F&U), MW000RFIMW-6(U), MW000RFIMW-7(U), MW000RFIMW-12(F&U), MW000RFIMW-1(U), MW000MWPMINA(F), and MW000RFIMW-29(U)

Analyte	Samples With Positive Results Qualified as "Not-Detected" ("U*")
copper	MW000RFIMW-26(F), MW000RFIMW-22(F&U), MW000RFIMW-27(F), MW000RFIMW-28(U), MW000RFIMW-24(U), MW000RFIMW-3(U), MW000RFIMW-4(U), MW000RFIMW-30(U), MW000RFIMW-11(U), MW000RFIMW-12(U), MW000MWPMINA(U), and MW000RFIMW-29(U)
antimony	MW000RFIMW-22(F), MW000MWPMINA(F&U), and MW000RFIMW-29(F&U)

- The reported positive results for copper in samples MW000RFIMW-2(F&U) and MW000RFIMW-27(F&U) and for antimony in samples MW000RFIMW-22(F), MW000MWPMINA(F&U), and MW000RFIMW-29(F&U) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. A high percent recoveries (>115%) was observed for copper and antimony in the CRDL standards.

- The actual detection limits for the analytes in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for the analytes in the samples listed below should be considered estimated and have been flagged "J" on the data tables. Low percent recoveries (<85%) were observed for these analytes in the CRDL standards.

Analyte	Samples With Estimated Positive Results ("J")	Samples With Estimated Detection Limits ("UJ")
tin	-	all total and dissolved samples
lead	MW000RFIMW-29(U)	MW000RFIMW-9(F&U), MW000RFIMW-29(F), MW000RFIMW-24(F), MW000RFIMW-1(F&U), MW000RFIMW-2(F&U), and MW000RFIMW-27(F&U)

Analyte	Samples With Estimated Positive Results ("J")	Samples With Estimated Detection Limits ("UJ")
arsenic	MW000RFIMW-26(U), MW000RFIMW-22(F&U), MW000RFIMW-28(F&U), MW000RFIMW-9(F&U), MW000RFIMW-2(U), MW000RFIPMINA(F&U), MW000P-34-N(F&U), MW000RFIMW-3(F&U), MW000RFIMW-4(F&U), MW000RFIMW-23(F&U), MW000RFIMW-10(F&U), MW000RFIMW-12(F&U), and MW000RFIMW-11(F&U)	MW000RFIMW-26(F), MW000RFIMW-2(F), MW000RFIMW-7(F&U), MW000RFIMW-30(F&U), MW000RFIMW-25(F&U), MW000RFIMW-27(F&U), MW000RFIMW-24(U), MW000RFIMW-5(F&U), and MW000RFIMW-6(F&U)
selenium	MW000RFIMW-7(U) and MW000RFIMW-30(F&U)	MW000RFIMW-26(F&U), MW000RFIMW-2(F&U), MW000MWPMINA(F), MW000RFIMW-27(F&U), MW000RFIMW-24(F), MW000RFIMW-5(F), MW000RFIMW-6(U), and MW000RFIMW-11(F)

- The reported positive results for chromium in samples MW000RFIMW-26(F) and MW000RFIMW-27(F) and for copper in samples MW000RFIMW-26(F), MW000RFIMW-28(U), MW000RFIMW-30(U), MW000RFIMW-2(F&U), and MW000RFIMW-27(F&U) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Chromium and copper were observed to be present in the ICP interference check sample ICSA solution at concentrations greater than 2×IDL, indicating an interference in the presence of high level interferents. High levels of calcium and/or magnesium (>50% of the true values of calcium and magnesium in ICSA solution) were observed in the aforementioned sample. Furthermore, the reported positive result for these analytes may be attributed solely to ICP interference (instrument level of sample ≤5× the observed concentration in the ICSA).

- The actual detection limits for zinc in samples MW000RFIMW-2(F), MW000RFIMW-27(F), and MW000RFIMW-1(F) and for thallium in samples MW000RFIMW-1(F&U) and MW000RFIMW-8(F&U) may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for zinc in sample MW000RFIMW-8(F) and for chromium in

sample MW000RFIMW-27(F) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Zinc, thallium, and chromium were observed to be present in the ICP interference check sample ICSA solution at a negative concentration with an absolute value greater than 2×IDL, indicating a possible negative interference in the presence of high levels of interferents. High levels of calcium and/or magnesium (instrument level of calcium and magnesium >50% of the true values of the ICSA solution) were observed in the aforementioned samples.

- The actual detection limits for total sulfide in samples MW000RFIMW-24, MW000RFIMW-25, MW000RFIMW-26, MW000RFIMW-27, MW000P-34-N, MW000RFIMW-28, MW000RFIMW-3, MW000RFIMW-4, MW000RFIMW-23, MW000RFIMW-2, MW000RFIMW-10, MW000RFIMW-5, and MW000RFIMW-6 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. The reported positive result for total sulfide in sample MW000RFIMW-22 should be considered estimated and has been flagged "J" on the data tables. A low percent recovery (10% ≤ %R < 75%) was observed for total sulfide in the associated matrix spike and matrix spike duplicate analyses.

- The reported positive results for copper and antimony in sample MW000MWPMINA(U) and for antimony in sample MW000MWPMINA(F) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Large discrepancies (>20% RSD) were observed among the results of the multiple exposures performed for these analytes.

- The reported positive results for copper and zinc in the samples listed below should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. High percent differences (>10%) were observed for copper and zinc in the associated ICP serial dilution.

Analyte	Samples With Estimated Positive Results ("J")
copper	MW000RFIMW-2(U), MW000RFIMW-30(U), MW000RFIMW-12(U), MW000RFIMW-11(U), and MW000MWPMINA(U)
zinc	MW000RFIMW-24(U), MW000RFIMW-25(U), MW000RFIMW-26(U), MW000RFIMW-27(U), MW000P-34-N(U), MW000RFIMW-28(U), MW000RFIMW-22(U), MW000RFIMW-3(U), MW000RFIMW-4(U), and MW000RFIMW-9(U)

A complete data support documentation of this inorganic and wet chemistry QA review is provided in Section 4 of this report. The cover sheet for this section is a checklist of all of the QA procedures required by the analytical protocols and examined in this data review.

C. Conclusions

This QA review has identified several aspects of the analytical data that required qualification. Several of the organic data were qualified due to blank contamination, positive result exceeding the calibration range, calibration issues, exceeded holding times, low LCS recoveries, low matrix spike and/or matrix spike duplicate recoveries, low surrogate recoveries, air bubbles in the project sample vials, quantitative compound identification problems, and quantitation of positive results below the quantitation limit. Additionally, several of the inorganic data were qualified due to blank contamination, ICP interference, poor agreement between the ICP multiple exposures, poor CRDL standard recoveries, poor serial dilution results, and poor matrix spike and matrix spike duplicate recoveries. To confidently use any of the analytical data within this sample set, the data user should understand the limitations of the results. The Laboratory Case Narrative and Project Chain-of-Custody Records are presented in Section 5. The Project Correspondence is presented in Section 6.

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SECTION 2

ANALYTICAL RESULTS

ORGANIC DATA TABLE NOTES

U	This compound was not detected at or above the associated numerical value.
U*	This compound should be considered "not-detected" since it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
R	Unusable result; compound may or may not be present in this sample.
UJ	This compound was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.
UR	Unusable "not-detected" result; compound may or may not be present in this sample.
N	This result should be considered a tentative qualitative identification.

INORGANIC AND WET CHEMISTRY DATA TABLE NOTES

U	This analyte was not detected at or above the associated numerical value.
U*	This analyte should be considered "not-detected" since it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
R	Unusable result; analyte may or may not be present in this sample.
UJ	This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.
UR	Unusable "not-detected" result; analyte may or may not be present in this sample.

BASF - Final, Volatile Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA			MW000P-34-N		
					A7C190143021			A7C190143005		
					03/21/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		5	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		50	U		10	U
3	67641	Acetone	8260A	ug/L		50	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		500	UR		100	UR
5	107028	Acrolein	8260A	ug/L		50	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		50	UR		10	UR
7	71432	Benzene	8260A	ug/L	1.9	5	J		1	U
8	75274	Bromodichloromethane	8260A	ug/L		5	U		1	U
9	75252	Bromoform	8260A	ug/L		5	U		1	U
10	74839	Bromomethane	8260A	ug/L		5	U		1	U
11	75150	Carbon disulfide	8260A	ug/L	1.5	5	J		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		5	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		5	UJ		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		5	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		100	U		20	U
16	75003	Chloroethane	8260A	ug/L		5	U		1	U
17	67663	Chloroform	8260A	ug/L		5	U*		1	U
18	74873	Chloromethane	8260A	ug/L		5	U		1	U
19	74953	Dibromomethane	8260A	ug/L		5	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		5	UJ		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		5	UJ		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		5	UJ		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		5	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		10	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		5	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		5	U		1	U

BASF - Final, Volatile Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA			MW000P-34-N		
					A7C190143021			A7C190143005		
					03/21/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		5	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		5	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		5	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		5	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		5	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		5	UJ		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		5	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		5	U		1	U
35	591786	2-Hexanone	8260A	ug/L		50	U		10	U
36	74884	Iodomethane	8260A	ug/L		50	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		2,500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		100	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		5	U*		1	U*
40	80626	Methyl methacrylate	8260A	ug/L		5	U		1	U
41	107120	Propionitrile	8260A	ug/L		500	UR		100	UR
42	100425	Styrene	8260A	ug/L		5	UJ		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		5	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		5	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		5	U		1	U
46	108883	Toluene	8260A	ug/L		5	UJ		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		5	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		5	U		1	U
49	79016	Trichloroethene	8260A	ug/L		5	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		5	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		50	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		5	U		1	U

BASF - Final, Volatile Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA			MW000P-34-N		
					A7C190143021			A7C190143005		
					03/21/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		5	UJ		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		5	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		50	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		50	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		5	UJ		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-1			MW000RFIMW-10		
					A7C190143024			A7C190143013		
					03/24/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

					MW000RFIMW-1			MW000RFIMW-10		
					A7C190143024			A7C190143013		
					03/24/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		1	U*
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-1			MW000RFIMW-10		
					A7C190143024			A7C190143013		
					03/24/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-11			MW000RFIMW-12		
					A7C190143020			A7C190143019		
					03/21/97			03/21/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		2.5	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		25	U
3	67641	Acetone	8260A	ug/L		10	UR	130	25	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		250	UR
5	107028	Acrolein	8260A	ug/L		10	UR		25	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		25	UR
7	71432	Benzene	8260A	ug/L		1	U	0.31	2.5	J
8	75274	Bromodichloromethane	8260A	ug/L		1	U		2.5	U
9	75252	Bromoform	8260A	ug/L		1	U		2.5	U
10	74839	Bromomethane	8260A	ug/L		1	U		2.5	U
11	75150	Carbon disulfide	8260A	ug/L		1	U	4.1	2.5	
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		2.5	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		2.5	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		2.5	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		50	U
16	75003	Chloroethane	8260A	ug/L		1	U		2.5	U
17	67663	Chloroform	8260A	ug/L		1	U		2.5	U
18	74873	Chloromethane	8260A	ug/L		1	U		2.5	U
19	74953	Dibromomethane	8260A	ug/L		1	U		2.5	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		2.5	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		2.5	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		2.5	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		2.5	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		5	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		2.5	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		2.5	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-11			MW000RFIMW-12		
					A7C190143020			A7C190143019		
					03/21/97			03/21/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		2.5	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		2.5	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		2.5	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		2.5	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		2.5	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		2.5	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		2.5	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		2.5	U
35	591786	2-Hexanone	8260A	ug/L		10	U		25	U
36	74884	Iodomethane	8260A	ug/L		10	U		25	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		1,200	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		50	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		2.5	U*
40	80626	Methyl methacrylate	8260A	ug/L		1	U		2.5	U
41	107120	Propionitrile	8260A	ug/L		100	UR		250	UR
42	100425	Styrene	8260A	ug/L		1	U		2.5	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		2.5	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		2.5	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		2.5	U
46	108883	Toluene	8260A	ug/L		1	U	0.34	2.5	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		2.5	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		2.5	U
49	79016	Trichloroethene	8260A	ug/L		1	U		2.5	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		2.5	U
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		25	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		2.5	U

					MW000RFIMW-11			MW000RFIMW-12		
					A7C190143020			A7C190143019		
					03/21/97			03/21/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		2.5	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		2.5	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		25	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR	22	25	J
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		2.5	UJ

BASF - Final, Volatile Analytical Results

					MW000RFIMW-2			MW000RFIMW-22		
					A7C190143012			A7C190143008		
					03/19/97			03/17/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		170	UR
2	107051	3-Chloropropene	8260A	ug/L		10	U		1,700	UR
3	67641	Acetone	8260A	ug/L		10	UR	13,000	1,700	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		17,000	UR
5	107028	Acrolein	8260A	ug/L		10	UR		1,700	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		1,700	UR
7	71432	Benzene	8260A	ug/L	0.28	1	J	2,800	170	J
8	75274	Bromodichloromethane	8260A	ug/L		1	U		170	UR
9	75252	Bromoform	8260A	ug/L		1	U		170	UR
10	74839	Bromomethane	8260A	ug/L		1	U		170	UR
11	75150	Carbon disulfide	8260A	ug/L	0.12	1	J		170	UR
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		170	UR
13	108907	Chlorobenzene	8260A	ug/L		1	U	54	170	J
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		170	UR
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		3,300	UR
16	75003	Chloroethane	8260A	ug/L		1	U		170	UR
17	67663	Chloroform	8260A	ug/L		1	U		170	UR
18	74873	Chloromethane	8260A	ug/L		1	U		170	UR
19	74953	Dibromomethane	8260A	ug/L		1	U		170	UR
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		170	UR
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		170	UR
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		170	UR
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		170	UR
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		330	UR
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		170	UR
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		170	UR

BASF - Final, Volatile Analytical Results

					MW000RFIMW-2			MW000RFIMW-22		
					A7C190143012			A7C190143008		
					03/19/97			03/17/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		170	UR
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		170	UR
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		170	UR
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		170	UR
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		170	UR
32	100414	Ethylbenzene	8260A	ug/L		1	U		170	UR
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		170	UR
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		170	UR
35	591786	2-Hexanone	8260A	ug/L		10	U		1,700	UR
36	74884	Iodomethane	8260A	ug/L		10	U		1,700	UR
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		83,000	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		3,300	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		170	UR
40	80626	Methyl methacrylate	8260A	ug/L		1	U		170	UR
41	107120	Propionitrile	8260A	ug/L		100	UR		17,000	UR
42	100425	Styrene	8260A	ug/L		1	U		170	UR
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		170	UR
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		170	UR
45	127184	Tetrachloroethene	8260A	ug/L		1	U		170	UR
46	108883	Toluene	8260A	ug/L		1	U	98	170	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		170	UR
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		170	UR
49	79016	Trichloroethene	8260A	ug/L		1	U		170	UR
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		170	UR
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		1,700	UR
52	75014	Vinyl chloride	8260A	ug/L		1	U	210	170	J

BASF - Final, Volatile Analytical Results

					MW000RFIMW-2			MW000RFIMW-22		
					A7C190143012			A7C190143008		
					03/19/97			03/17/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		170	UR
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		170	UR
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		1,700	UR
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		1,700	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		170	UR

BASF - Final, Volatile Analytical Results

					MW000RFIMW-23			MW000RFIMW-24		
					A7C190143011			A7C190143001		
					03/19/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U	0.11	1	J
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L	0.48	1	J		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		11	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-23			MW000RFIMW-24		
					A7C190143011			A7C190143001		
					03/19/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U*		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L	0.12	1	J		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-23			MW000RFIMW-24		
					A7C190143011			A7C190143001		
					03/19/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-25			MW000RFIMW-26		
					A7C190143002			A7C190143003		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		11	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

					MW000RFIMW-25			MW000RFIMW-26		
					A7C190143002			A7C190143003		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U*		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-25			MW000RFIMW-26		
					A7C190143002			A7C190143003		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

					MW000RFIMW-27			MW000RFIMW-28		
					A7C190143004			A7C190143006		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		2.5	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		25	U
3	67641	Acetone	8260A	ug/L		10	UR		25	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		250	UR
5	107028	Acrolein	8260A	ug/L		10	UR		25	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		25	UR
7	71432	Benzene	8260A	ug/L		1	U	1.2	2.5	J
8	75274	Bromodichloromethane	8260A	ug/L		1	U		2.5	U
9	75252	Bromoform	8260A	ug/L		1	U		2.5	U
10	74839	Bromomethane	8260A	ug/L		1	U		2.5	U
11	75150	Carbon disulfide	8260A	ug/L		1	U	0.27	2.5	J
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		2.5	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		2.5	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		2.5	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		50	U
16	75003	Chloroethane	8260A	ug/L		1	U		2.5	U
17	67663	Chloroform	8260A	ug/L		1	U		2.5	U
18	74873	Chloromethane	8260A	ug/L		1	U		2.5	U
19	74953	Dibromomethane	8260A	ug/L		1	U		2.5	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		2.5	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		2.5	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		2.5	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		2.5	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		5	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		2.5	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		2.5	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-27			MW000RFIMW-28		
					A7C190143004			A7C190143006		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		2.5	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		2.5	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		2.5	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		2.5	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		2.5	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		2.5	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		2.5	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		2.5	U
35	591786	2-Hexanone	8260A	ug/L		10	U		25	U
36	74884	Iodomethane	8260A	ug/L		10	U		25	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		1,200	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		50	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		2.5	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		2.5	U
41	107120	Propionitrile	8260A	ug/L		100	UR		250	UR
42	100425	Styrene	8260A	ug/L		1	U		2.5	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		2.5	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		2.5	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		2.5	U
46	108883	Toluene	8260A	ug/L		1	U		2.5	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		2.5	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		2.5	U
49	79016	Trichloroethene	8260A	ug/L		1	U		2.5	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		2.5	U
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		25	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		2.5	U

					MW000RFIMW-27			MW000RFIMW-28		
					A7C190143004			A7C190143006		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		2.5	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		2.5	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		25	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		25	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		2.5	UJ

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					MW000RFIMW-29			MW000RFIMW-3		
					A7C190143022			A7C190143009		
					03/21/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L	0.099	1	J		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L	1.6	1	U*		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

					MW000RFIMW-29			MW000RFIMW-3		
					A7C190143022			A7C190143009		
					03/21/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U	0.31	1	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

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					MW000RFIMW-29			MW000RFIMW-3		
					A7C190143022			A7C190143009		
					03/21/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

					MW000RFIMW-30			MW000RFIMW-4		
					A7C190143017			A7C190143010		
					03/20/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		2.5	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		25	U		10	U
3	67641	Acetone	8260A	ug/L	86	25	J		10	UR
4	75058	Acetonitrile	8260A	ug/L		250	UR		100	UR
5	107028	Acrolein	8260A	ug/L		25	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		25	UR		10	UR
7	71432	Benzene	8260A	ug/L	0.41	2.5	J		1	U
8	75274	Bromodichloromethane	8260A	ug/L		2.5	U		1	U
9	75252	Bromoform	8260A	ug/L		2.5	U		1	U
10	74839	Bromomethane	8260A	ug/L		2.5	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		2.5	U	0.1	1	J
12	56235	Carbon tetrachloride	8260A	ug/L		2.5	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		2.5	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		2.5	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		50	U		20	U
16	75003	Chloroethane	8260A	ug/L		2.5	U		1	U
17	67663	Chloroform	8260A	ug/L		2.5	U		1	U
18	74873	Chloromethane	8260A	ug/L		2.5	U		1	U
19	74953	Dibromomethane	8260A	ug/L		2.5	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		2.5	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		2.5	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		2.5	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		2.5	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		5	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L	8.9	2.5			1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		2.5	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-30			MW000RFIMW-4		
					A7C190143017			A7C190143010		
					03/20/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L	1.2	2.5	J		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		2.5	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		2.5	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		2.5	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		2.5	U		1	U
32	100414	Ethylbenzene	8260A	ug/L	20	2.5			1	U
33	97632	Ethyl methacrylate	8260A	ug/L		2.5	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		2.5	U		1	U
35	591786	2-Hexanone	8260A	ug/L		25	U		10	U
36	74884	Iodomethane	8260A	ug/L		25	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		1,200	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		50	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		2.5	U*		1	U*
40	80626	Methyl methacrylate	8260A	ug/L		2.5	U		1	U
41	107120	Propionitrile	8260A	ug/L		250	UR		100	UR
42	100425	Styrene	8260A	ug/L		2.5	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		2.5	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		2.5	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		2.5	U		1	U
46	108883	Toluene	8260A	ug/L	2.4	2.5	J		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L	40	2.5			1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		2.5	U		1	U
49	79016	Trichloroethene	8260A	ug/L		2.5	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		2.5	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		25	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		2.5	U		1	U

					MW000RFIMW-30			MW000RFIMW-4		
					A7C190143017			A7C190143010		
					03/20/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L	17	2.5			1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		2.5	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		25	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L	21	25	J		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L	36	2.5			1	U

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					MW000RFIMW-5			MW000RFIMW-6		
					A7C190143014			A7C190143015		
					03/20/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L	69	10	J	14	10	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L	0.59	1	J		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U	0.32	1	J
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U	0.58	1	J

					MW000RFIMW-5			MW000RFIMW-6		
					A7C190143014			A7C190143015		
					03/20/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L	0.72	1	J	27	1	
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		1	U*
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L	0.3	1	J	0.2	1	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-5			MW000RFIMW-6		
					A7C190143014			A7C190143015		
					03/20/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L	9.1	10	J		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

					MW000RFIMW-7			MW000RFIMW-8 (MS/MSD)		
					A7C190143016			A7C190143025		
					03/20/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		5	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		50	U		10	U
3	67641	Acetone	8260A	ug/L	130	50	J		10	UR
4	75058	Acetonitrile	8260A	ug/L		500	UR		100	UR
5	107028	Acrolein	8260A	ug/L		50	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		50	UR		10	UR
7	71432	Benzene	8260A	ug/L	0.64	5	J		1	U
8	75274	Bromodichloromethane	8260A	ug/L		5	U		1	U
9	75252	Bromoform	8260A	ug/L		5	U		1	U
10	74839	Bromomethane	8260A	ug/L		5	U		1	UJ
11	75150	Carbon disulfide	8260A	ug/L		5	U	0.15	1	J
12	56235	Carbon tetrachloride	8260A	ug/L		5	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		5	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		5	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		100	U		20	U
16	75003	Chloroethane	8260A	ug/L		5	U		1	U
17	67663	Chloroform	8260A	ug/L		5	U		1	U
18	74873	Chloromethane	8260A	ug/L		5	U		1	U
19	74953	Dibromomethane	8260A	ug/L		5	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		5	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		5	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		5	U		11	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		5	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		10	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L	15	5			1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		5	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-7			MW000RFIMW-8 (MS/MSD)		
					A7C190143016			A7C190143025		
					03/20/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L	2.1	5	J		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		5	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		5	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		5	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		5	U		1	U
32	100414	Ethylbenzene	8260A	ug/L	27	5			1	U
33	97632	Ethyl methacrylate	8260A	ug/L		5	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		5	U		1	U
35	591786	2-Hexanone	8260A	ug/L		50	U		10	U
36	74884	Iodomethane	8260A	ug/L		50	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		2,500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		100	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		5	U		1	U*
40	80626	Methyl methacrylate	8260A	ug/L		5	U		1	U
41	107120	Propionitrile	8260A	ug/L		500	UR		100	UR
42	100425	Styrene	8260A	ug/L		5	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		5	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		5	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		5	U		1	U
46	108883	Toluene	8260A	ug/L	3.4	5	J		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L	84	5			1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		5	U		1	U
49	79016	Trichloroethene	8260A	ug/L		5	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		5	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		50	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		5	U		1	U

					MW000RFIMW-7			MW000RFIMW-8 (MS/MSD)		
					A7C190143016			A7C190143025		
					03/20/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L	20	5			1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		5	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		50	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		50	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L	45	5			1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-9 (MS/MSD)			TRIP BLANK		
					A7C190143026			A7C190143007		
					03/24/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	U		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		11	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-9 (MS/MSD)			TRIP BLANK		
					A7C190143026			A7C190143007		
					03/24/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		1	U
35	591786	2-Hexanone	8260A	ug/L		10	U		10	U
36	74884	Iodomethane	8260A	ug/L		10	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U*		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		1	U
46	108883	Toluene	8260A	ug/L		1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		1	U
49	79016	Trichloroethene	8260A	ug/L		1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-9 (MS/MSD)			TRIP BLANK		
					A7C190143026			A7C190143007		
					03/24/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					A7C190143018			A7C190143023		
					03/20/97			03/21/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UR		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	UR		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	UR		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	UR		1	U
9	75252	Bromoform	8260A	ug/L		1	UR		1	U
10	74839	Bromomethane	8260A	ug/L		1	UR		1	U
11	75150	Carbon disulfide	8260A	ug/L		1	UR		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	UR		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	UR		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	UR		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UR		20	U
16	75003	Chloroethane	8260A	ug/L		1	UR		1	U
17	67663	Chloroform	8260A	ug/L		1	UR		1	U
18	74873	Chloromethane	8260A	ug/L		1	UR		1	U
19	74953	Dibromomethane	8260A	ug/L		1	UR		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UR		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UR		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UR		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UR		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UR		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UR		1	U
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UR		1	U

BASF - Final, Volatile Analytical Results

					A7C190143018			A7C190143023		
					03/20/97			03/21/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UR		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UR		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UR		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UR		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UR		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	UR		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	UR		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UR		1	U
35	591786	2-Hexanone	8260A	ug/L		10	UR		10	U
36	74884	Iodomethane	8260A	ug/L		10	UR		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L	0.25	1	J	0.24	1	J
40	80626	Methyl methacrylate	8260A	ug/L		1	UR		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UR		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UR		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UR		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	UR		1	U
46	108883	Toluene	8260A	ug/L		1	UR		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UR		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UR		1	U
49	79016	Trichloroethene	8260A	ug/L		1	UR		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UR		1	U
51	108054	Vinyl acetate	8260A	ug/L		10	UR		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	UR		1	U

					A7C190143018			A7C190143023		
					03/20/97			03/21/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L		1	UR		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UR		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UR		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UR		1	U

BASF - Final, Volatile Analytical Results

						A7C190143027		
						03/24/97		
						U		
						WATER		
						Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L			1	UR
2	107051	3-Chloropropene	8260A	ug/L			10	UR
3	67641	Acetone	8260A	ug/L			10	UR
4	75058	Acetonitrile	8260A	ug/L			100	UR
5	107028	Acrolein	8260A	ug/L			10	UR
6	107131	Acrylonitrile	8260A	ug/L			10	UR
7	71432	Benzene	8260A	ug/L			1	UR
8	75274	Bromodichloromethane	8260A	ug/L			1	UR
9	75252	Bromoform	8260A	ug/L			1	UR
10	74839	Bromomethane	8260A	ug/L			1	UR
11	75150	Carbon disulfide	8260A	ug/L			1	UR
12	56235	Carbon tetrachloride	8260A	ug/L			1	UR
13	108907	Chlorobenzene	8260A	ug/L			1	UR
14	124481	Chlorodibromomethane	8260A	ug/L			1	UR
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L			20	UR
16	75003	Chloroethane	8260A	ug/L			1	UR
17	67663	Chloroform	8260A	ug/L			1	UR
18	74873	Chloromethane	8260A	ug/L			1	UR
19	74953	Dibromomethane	8260A	ug/L			1	UR
20	95501	1,2-Dichlorobenzene	8260A	ug/L			1	UR
21	541731	1,3-Dichlorobenzene	8260A	ug/L			1	UR
22	106467	1,4-Dichlorobenzene	8260A	ug/L			1	UR
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L			1	UR
24	75718	Dichlorodifluoromethane	8260A	ug/L			2	UR
25	75343	1,1-Dichloroethane	8260A	ug/L			1	UR
26	107062	1,2-Dichloroethane	8260A	ug/L			1	UR

BASF - Final, Volatile Analytical Results

						A7C190143027		
						03/24/97		
						U		
						WATER		
						Result	Detect Limit	Final Qual
27	75354	1,1-Dichloroethene	8260A	ug/L			1	UR
28	156592	cis-1,2-Dichloroethene	8260A	ug/L			1	UR
29	78875	1,2-Dichloropropane	8260A	ug/L			1	UR
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L			1	UR
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L			1	UR
32	100414	Ethylbenzene	8260A	ug/L			1	UR
33	97632	Ethyl methacrylate	8260A	ug/L			1	UR
34	75694	Trichlorofluoromethane	8260A	ug/L			1	UR
35	591786	2-Hexanone	8260A	ug/L			10	UR
36	74884	Iodomethane	8260A	ug/L			10	UR
37	78831	Isobutyl alcohol	8260A	ug/L			500	UR
38	126987	Methacrylonitrile	8260A	ug/L			20	UR
39	75092	Methylene chloride	8260A	ug/L		0.21	1	J
40	80626	Methyl methacrylate	8260A	ug/L			1	UR
41	107120	Propionitrile	8260A	ug/L			100	UR
42	100425	Styrene	8260A	ug/L			1	UR
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L			1	UR
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L			1	UR
45	127184	Tetrachloroethene	8260A	ug/L			1	UR
46	108883	Toluene	8260A	ug/L		0.088	1	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L			1	UR
48	79005	1,1,2-Trichloroethane	8260A	ug/L			1	UR
49	79016	Trichloroethene	8260A	ug/L			1	UR
50	96184	1,2,3-Trichloropropane	8260A	ug/L			1	UR
51	108054	Vinyl acetate	8260A	ug/L			10	UR
52	75014	Vinyl chloride	8260A	ug/L			1	UR

BASF - Final, Volatile Analytical Results

						A7C190143027		
						03/24/97		
						U		
						WATER		
						Result	Detect Limit	Final Qual
53	95476	o-Xylene	8260A	ug/L			1	UR
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L			1	UR
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L			10	UR
56	78933	Methyl ethyl ketone	8260A	ug/L			10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L			1	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA					
					A7C190143021					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA					
					A7C190143021					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L	2.5	10	J	2.9	10	J
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA					
					A7C190143021					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U	2	10	JN
68	106445	4-Methylphenol	8270B	ug/L		10	U	2	10	JN
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA					
					A7C190143021					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA					
					A7C190143021					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000P-34-N					
					A7C190143005					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	7.4	5			5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000P-34-N					
					A7C190143005					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000P-34-N					
					A7C190143005					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000P-34-N					
					A7C190143005					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000P-34-N					
					A7C190143005					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-1					
					A7C190143024					
					03/24/97					
								I1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		200	U
2	60515	Dimethoate	8270B	ug/L		200	U		800	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		80	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		400	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		400	U
6	62442	Phenacetin	8270B	ug/L		50	U		200	U
7	23950585	Pronamide	8270B	ug/L		20	U		80	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		200	UJ
9	2303164	Diallate	8270B	ug/L		10	U		40	U
11	83329	Acenaphthene	8270B	ug/L		5	U		20	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		20	U
13	98862	Acetophenone	8270B	ug/L		10	U		40	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		80	U
15	62533	Aniline	8270B	ug/L		10	U		40	U
16	120127	Anthracene	8270B	ug/L		5	U		20	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		20	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		20	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		20	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		20	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		20	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		40	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		40	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		20	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		20	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		20	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		20	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-1					
					A7C190143024					
					03/24/97					
								I1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		40	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		20	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		40	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		20	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		40	U
33	218019	Chrysene	8270B	ug/L		5	U		20	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		20	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		20	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		20	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		80	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		20	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		40	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		20	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		200	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		20	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		20	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		40	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		40	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		200	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		200	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		20	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		20	U
50	122394	Diphenylamine	8270B	ug/L		10	U		40	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		40	U
52	206440	Fluoranthene	8270B	ug/L		5	U		20	U
53	86737	Fluorene	8270B	ug/L		5	U		20	U

					MW000RFIMW-1					
					A7C190143024					
					03/24/97					
								I1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		20	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		20	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		20	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		20	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		20	U
59	78591	Isophorone	8270B	ug/L		5	U		20	U
60	120581	Isosafrole	8270B	ug/L		10	U		40	U
61	91805	Methapyrilene	8270B	ug/L		100	U		400	U
62	95534	o-Toluidine	8270B	ug/L		10	U		40	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		400	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		40	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		20	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		20	U
67	108394	3-Methylphenol	8270B	ug/L		10	U		40	U
68	106445	4-Methylphenol	8270B	ug/L		10	U		40	U
69	91203	Naphthalene	8270B	ug/L		5	U		20	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		800	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		40	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		40	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		200	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		200	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		200	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		20	U
77	88755	2-Nitrophenol	8270B	ug/L		10	U		40	U
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ		200	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		400	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-1					
					A7C190143024					
					03/24/97					
								I1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		40	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		40	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		40	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		40	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		20	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		20	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		40	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		40	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		40	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		40	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		40	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		20	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		200	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		200	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		200	U
95	85018	Phenanthrene	8270B	ug/L		5	U		20	U
96	108952	Phenol	8270B	ug/L		5	U		20	U
97	109068	2-Picoline	8270B	ug/L		20	U		80	U
98	129000	Pyrene	8270B	ug/L		5	U		20	U
99	110861	Pyridine	8270B	ug/L		10	U		40	U
100	94597	Safrole	8270B	ug/L		10	U		40	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		20	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		200	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		20	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		40	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		20	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-1					
					A7C190143024					
					03/24/97					
								I1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		200	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		40	U
108	123911	1,4-Dioxane	8270B	ug/L	230	50	J	190	200	J
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		40	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-10					
					A7C190143013					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-10					
					A7C190143013					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-10					
					A7C190143013					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-10					
					A7C190143013					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-10					
					A7C190143013					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-10					
					A7C190143013					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-10					
					A7C190143013					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-11					
					A7C190143020					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetop. enone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-11					
					A7C190143020					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-11					
					A7C190143020					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-11					
					A7C190143020					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-11					
					A7C190143020					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-12					
					A7C190143019					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		500	U		500	UR
2	60515	Dimethoate	8270B	ug/L		2,000	U		2,000	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		200	U		200	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		1,000	U		1,000	UR
5	1888717	Hexachloropropene	8270B	ug/L		1,000	U		1,000	UR
6	62442	Phenacetin	8270B	ug/L		500	U		500	UR
7	23950585	Pronamide	8270B	ug/L		200	U		200	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		500	UJ		500	UR
9	2303164	Diallate	8270B	ug/L		100	U		100	UR
11	83329	Acenaphthene	8270B	ug/L		50	UJ		50	UR
12	208968	Acenaphthylene	8270B	ug/L		50	U		50	UR
13	98862	Acetophenone	8270B	ug/L		100	U		100	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		200	U		200	UR
15	62533	Aniline	8270B	ug/L		100	U		100	UR
16	120127	Anthracene	8270B	ug/L		50	U		50	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		50	U		50	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		50	U		50	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		50	U		50	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		50	U		50	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		50	U		50	UR
22	100516	Benzyl alcohol	8270B	ug/L		100	U		100	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		100	U		100	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		50	U		50	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		50	U		50	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		50	U		50	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		50	U		50	UR

					MW000RFIMW-12					
					A7C190143019					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		100	U		100	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		50	UJ		50	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		100	U		100	UR
31	95578	2-Chlorophenol	8270B	ug/L		50	U		50	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		100	U		100	UR
33	218019	Chrysene	8270B	ug/L		50	U		50	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		50	U		50	UR
35	132649	Dibenzofuran	8270B	ug/L		50	U		50	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		50	U		50	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		200	U		200	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		50	U		50	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		100	U		100	UR
40	84662	Diethyl phthalate	8270B	ug/L		50	U		50	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		500	U		500	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		50	U		50	UR
43	131113	Dimethyl phthalate	8270B	ug/L		50	U		50	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		100	U		100	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		100	U		100	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		500	U		500	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		500	U		500	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		50	UJ		50	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		50	U		50	UR
50	122394	Diphenylamine	8270B	ug/L		100	U		100	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		100	U		100	UR
52	206440	Fluoranthene	8270B	ug/L		50	U		50	UR
53	86737	Fluorene	8270B	ug/L		50	U		50	UR

					MW000RFIMW-12					
					A7C190143019					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		50	U		50	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		50	U		50	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		50	U		50	UR
57	67721	Hexachloroethane	8270B	ug/L		50	U		50	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		50	U		50	UR
59	78591	Isophorone	8270B	ug/L		50	U		50	UR
60	120581	Isosafrole	8270B	ug/L		100	U		100	UR
61	91805	Methapyrilene	8270B	ug/L		1,000	U		1,000	UR
62	95534	o-Toluidine	8270B	ug/L		100	U		100	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		1,000	U		1,000	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		100	U		100	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		50	U		50	UR
66	95487	2-Methylphenol	8270B	ug/L		50	U		50	UR
67	108394	3-Methylphenol	8270B	ug/L	84	100	JN	120	100	JN
68	106445	4-Methylphenol	8270B	ug/L	84	100	JN	120	100	JN
69	91203	Naphthalene	8270B	ug/L		50	U		50	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		2,000	U		2,000	UR
71	134327	1-Naphthylamine	8270B	ug/L		100	U		100	UR
72	91598	2-Naphthylamine	8270B	ug/L		100	U		100	UR
73	88744	2-Nitroaniline	8270B	ug/L		500	U		500	UR
74	99092	3-Nitroaniline	8270B	ug/L		500	U		500	UR
75	100016	4-Nitroaniline	8270B	ug/L		500	U		500	UR
76	98953	Nitrobenzene	8270B	ug/L		50	U		50	UR
77	88755	2-Nitrophenol	8270B	ug/L		100	U		100	UR
78	100027	4-Nitrophenol	8270B	ug/L		500	UJ		500	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		1,000	U		1,000	UR

					MW000RFIMW-12					
					A7C190143019					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		100	U		100	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		100	U		100	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		100	U		100	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		100	U		100	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		50	U		50	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		50	U		50	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		100	U		100	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		100	U		100	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		100	U		100	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		100	U		100	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		100	U		100	UR
91	608935	Pentachlorobenzene	8270B	ug/L		50	U		50	UR
92	76017	Pentachloroethane	8270B	ug/L		500	U		500	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		500	U		500	UR
94	87865	Pentachlorophenol	8270B	ug/L		500	U		500	UR
95	85018	Phenanthrene	8270B	ug/L		50	U		50	UR
96	108952	Phenol	8270B	ug/L	660	50		790	50	J
97	109068	2-Picoline	8270B	ug/L		200	U		200	UR
98	129000	Pyrene	8270B	ug/L		50	UJ		50	UR
99	110861	Pyridine	8270B	ug/L		100	U		100	UR
100	94597	Safrole	8270B	ug/L		100	U		100	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		50	U		50	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		500	U		500	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		50	UJ		50	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		100	U		100	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		50	U		50	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-12					
					A7C190143019					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		500	UR		500	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		100	U		100	UR
108	123911	1,4-Dioxane	8270B	ug/L		500	U		500	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		100	U		100	UR

					MW000RFIMW-2					
					A7C190143012					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L	33	5		26	5	J
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-2					
					A7C190143012					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-2					
					A7C190143012					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L	30	10	JN		10	UR
68	106445	4-Methylphenol	8270B	ug/L	30	10	JN		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-2					
					A7C190143012					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-2					
					A7C190143012					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-22					
					A7C190143008					
					03/17/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		1,000	U		1,000	UR
2	60515	Dimethoate	8270B	ug/L		4,000	U		4,000	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		400	U		400	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		2,000	U		2,000	UR
5	1888717	Hexachloropropene	8270B	ug/L		2,000	U		2,000	UR
6	62442	Phenacetin	8270B	ug/L		1,000	U		1,000	UR
7	23950585	Pronamide	8270B	ug/L		400	U		400	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		1,000	UJ		1,000	UR
9	2303164	Diallate	8270B	ug/L		200	U		200	UR
11	83329	Acenaphthene	8270B	ug/L		100	UJ		100	UR
12	208968	Acenaphthylene	8270B	ug/L		100	U		100	UR
13	98862	Acetophenone	8270B	ug/L		200	U		200	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		400	U		400	UR
15	62533	Aniline	8270B	ug/L	24	200	J		200	UR
16	120127	Anthracene	8270B	ug/L		100	U		100	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		100	U		100	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		100	U		100	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		100	U		100	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		100	U		100	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		100	U		100	UR
22	100516	Benzyl alcohol	8270B	ug/L		200	U		200	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		200	U		200	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L	58	100	J	110	100	J
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		100	U		100	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		100	U		100	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		100	U		100	UR

					MW000RFIMW-22					
					A7C190143008					
					03/17/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		200	U		200	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		100	UJ		100	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		200	U		200	UR
31	95578	2-Chlorophenol	8270B	ug/L		100	U		100	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		200	U		200	UR
33	218019	Chrysene	8270B	ug/L		100	U		100	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		100	U		100	UR
35	132649	Dibenzofuran	8270B	ug/L		100	U		100	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		100	U		100	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		400	U		400	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		100	U		100	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		200	U		200	UR
40	84662	Diethyl phthalate	8270B	ug/L		100	U		100	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		1,000	U		1,000	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		100	U		100	UR
43	131113	Dimethyl phthalate	8270B	ug/L		100	U		100	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		200	U		200	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		200	U		200	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		1,000	U		1,000	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		1,000	U		1,000	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		100	UJ		100	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		100	U		100	UR
50	122394	Diphenylamine	8270B	ug/L		200	U		200	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		200	U		200	UR
52	206440	Fluoranthene	8270B	ug/L		100	U		100	UR
53	86737	Fluorene	8270B	ug/L		100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-22					
					A7C190143008					
					03/17/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		100	U		100	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		100	U		100	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		100	U		100	UR
57	67721	Hexachloroethane	8270B	ug/L		100	U		100	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		100	U		100	UR
59	78591	Isophorone	8270B	ug/L		100	U		100	UR
60	120581	Isosafrole	8270B	ug/L		200	U		200	UR
61	91805	Methapyrilene	8270B	ug/L		2,000	U		2,000	UR
62	95534	o-Toluidine	8270B	ug/L	45	200	J	86	200	J
63	56495	3-Methylcholanthrene	8270B	ug/L		2,000	U		2,000	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		200	U		200	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		100	U		100	UR
66	95487	2-Methylphenol	8270B	ug/L		100	U		100	UR
67	108394	3-Methylphenol	8270B	ug/L		200	U		200	UR
68	106445	4-Methylphenol	8270B	ug/L		200	U		200	UR
69	91203	Naphthalene	8270B	ug/L		100	U		100	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		4,000	U		4,000	UR
71	134327	1-Naphthylamine	8270B	ug/L		200	U		200	UR
72	91598	2-Naphthylamine	8270B	ug/L		200	U		200	UR
73	88744	2-Nitroaniline	8270B	ug/L		1,000	U		1,000	UR
74	99092	3-Nitroaniline	8270B	ug/L		1,000	U		1,000	UR
75	100016	4-Nitroaniline	8270B	ug/L		1,000	U		1,000	UR
76	98953	Nitrobenzene	8270B	ug/L		100	U		100	UR
77	88755	2-Nitrophenol	8270B	ug/L		200	U		200	UR
78	100027	4-Nitrophenol	8270B	ug/L		1,000	UJ		1,000	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		2,000	U		2,000	UR

					MW000RFIMW-22					
					A7C190143008					
					03/17/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		200	U		200	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		200	U		200	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		200	U		200	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		200	U		200	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		100	U		100	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		100	U		100	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		200	U		200	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		200	U		200	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		200	U		200	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		200	U		200	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		200	U		200	UR
91	608935	Pentachlorobenzene	8270B	ug/L		100	U		100	UR
92	76017	Pentachloroethane	8270B	ug/L		1,000	U		1,000	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		1,000	U		1,000	UR
94	87865	Pentachlorophenol	8270B	ug/L		1,000	U		1,000	UR
95	85018	Phenanthrene	8270B	ug/L		100	U		100	UR
96	108952	Phenol	8270B	ug/L	120	100		260	100	J
97	109068	2-Picoline	8270B	ug/L		400	U		400	UR
98	129000	Pyrene	8270B	ug/L		100	UJ		100	UR
99	110861	Pyridine	8270B	ug/L		200	U	41	200	J
100	94597	Safrole	8270B	ug/L		200	U		200	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		100	U		100	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		1,000	U		1,000	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		100	UJ		100	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		200	U		200	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-22					
					A7C190143008					
					03/17/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		1,000	UR		1,000	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		200	U		200	UR
108	123911	1,4-Dioxane	8270B	ug/L	94	1,000	J		1,000	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		200	U		200	UR

					MW000RFIMW-23					
					A7C190143011					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L	1	5	J	1.1	5	J
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L	5	5	J	6.7	5	J
18	205992	Benzo(b)fluoranthene	8270B	ug/L	4.3	5	J	5.7	5	J
19	207089	Benzo(k)fluoranthene	8270B	ug/L	2.1	5	J	2.8	5	J
20	191242	Benzo(ghi)perylene	8270B	ug/L	1.7	5	J	2.5	5	J
21	50328	Benzo(a)pyrene	8270B	ug/L	2.8	5	J	4.8	5	J
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	1.2	5	J		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-23					
					A7C190143011					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L	4.2	5	J	5.2	5	J
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L	18	5		24	5	J
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-23					
					A7C190143011					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L	1.9	5	J	2.8	5	J
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-23					
					A7C190143011					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L	15	5	J	18	5	J
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-23					
					A7C190143011					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-24					
					A7C190143001					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		100	UR
2	60515	Dimethoate	8270B	ug/L		200	U		400	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		40	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		200	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		200	UR
6	62442	Phenacetin	8270B	ug/L		50	U		100	UR
7	23950585	Pronamide	8270B	ug/L		20	U		40	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		100	UR
9	2303164	Diallate	8270B	ug/L		10	U		20	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		10	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		10	UR
13	98862	Acetophenone	8270B	ug/L		10	U		20	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		40	UR
15	62533	Aniline	8270B	ug/L		10	U		20	UR
16	120127	Anthracene	8270B	ug/L		5	U		10	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		10	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		10	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		10	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		10	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		10	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		20	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		20	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		10	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	1.6	5	J		10	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		10	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		10	UR

					MW000RFIMW-24					
					A7C190143001					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		20	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		10	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		20	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		10	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		20	UR
33	218019	Chrysene	8270B	ug/L		5	U		10	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		10	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		10	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		10	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		40	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		10	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		20	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		10	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		100	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		10	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		10	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		20	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		20	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		100	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		100	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		10	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		10	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		20	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		20	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		10	UR
53	86737	Fluorene	8270B	ug/L		5	U		10	UR

					MW000RFIMW-24					
					A7C190143001					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		10	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		10	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		10	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		10	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		10	UR
59	78591	Isophorone	8270B	ug/L		5	U		10	UR
60	120581	Isosafrole	8270B	ug/L		10	U		20	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		200	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		20	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		200	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		20	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		10	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		10	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		20	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		20	UR
69	91203	Naphthalene	8270B	ug/L		5	U		10	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		400	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		20	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		20	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		100	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		100	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		100	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		10	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		20	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ		100	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		200	UR

					MW000RFIMW-24					
					A7C190143001					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		20	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		20	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		20	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		20	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		10	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		10	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		20	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		20	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		20	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		20	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		20	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		10	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		100	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		100	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		100	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		10	UR
96	108952	Phenol	8270B	ug/L		5	U		10	UR
97	109068	2-Picoline	8270B	ug/L		20	U		40	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		10	UR
99	110861	Pyridine	8270B	ug/L		10	U		20	UR
100	94597	Safrole	8270B	ug/L		10	U		20	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		10	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		100	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		10	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		20	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		10	UR

					MW000RFIMW-24					
					A7C190143001					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		100	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		20	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		100	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		20	UR

					MW000RFIMW-25					
					A7C190143002					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-25					
					A7C190143002					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	UR		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-25					
					A7C190143002					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-25					
					A7C190143002					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	UR		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-25					
					A7C190143002					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-26					
					A7C190143003					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-26					
					A7C190143003					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-26					
					A7C190143003					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-26					
					A7C190143003					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-26					
					A7C190143003					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	U		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	UR		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-27					
					A7C190143004					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

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					MW000RFIMW-27					
					A7C190143004					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-27					
					A7C190143004					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-27					
					A7C190143004					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-27					
					A7C190143004					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

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					MW000RFIMW-28					
					A7C190143006					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-28					
					A7C190143006					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L	20	5		35	5	J
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-28					
					A7C190143006					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L	5.1	5		7.3	5	J
67	108394	3-Methylphenol	8270B	ug/L	14	10	JN	19	10	JN
68	106445	4-Methylphenol	8270B	ug/L	14	10	JN	19	10	JN
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-28					
					A7C190143006					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L	3.9	10	J	2.7	10	J
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-28					
					A7C190143006					
					03/18/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-29					
					A7C190143022					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U	11	5	U*
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-29					
					A7C190143022					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-29					
					A7C190143022					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-29					
					A7C190143022					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-29					
					A7C190143022					
					03/21/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

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					MW000RFIMW-3					
					A7C190143009					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L	20	5		6.4	5	J
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-3					
					A7C190143009					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L	1.3	5	J		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-3					
					A7C190143009					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L	36	10	JN	7	10	JN
68	106445	4-Methylphenol	8270B	ug/L	36	10	JN	7	10	JN
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-3					
					A7C190143009					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-3					
					A7C190143009					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-30					
					A7C190143017					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		100	U		100	UR
2	60515	Dimethoate	8270B	ug/L		400	U		400	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		40	U		40	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		200	U		200	UR
5	1888717	Hexachloropropene	8270B	ug/L		200	U		200	UR
6	62442	Phenacetin	8270B	ug/L		100	U		100	UR
7	23950585	Pronamide	8270B	ug/L		40	U		40	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		100	UJ		100	UR
9	2303164	Diallate	8270B	ug/L		20	U		20	UR
11	83329	Acenaphthene	8270B	ug/L	2	10	J	2.6	10	J
12	208968	Acenaphthylene	8270B	ug/L		10	U		10	UR
13	98862	Acetophenone	8270B	ug/L		20	U		20	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		40	U		40	UR
15	62533	Aniline	8270B	ug/L		20	U		20	UR
16	120127	Anthracene	8270B	ug/L		10	U		10	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		10	U		10	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		10	U		10	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		10	U		10	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		10	U		10	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		10	U		10	UR
22	100516	Benzyl alcohol	8270B	ug/L		20	U		20	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		20	U		20	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		10	U		10	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	8.2	10	J		10	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		10	U		10	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-30					
					A7C190143017					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		20	U		20	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		10	UJ		10	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		20	U		20	UR
31	95578	2-Chlorophenol	8270B	ug/L		10	U		10	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		20	U		20	UR
33	218019	Chrysene	8270B	ug/L		10	U		10	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		10	U		10	UR
35	132649	Dibenzofuran	8270B	ug/L	2.3	10	J	3	10	J
36	84742	Di-n-butyl phthalate	8270B	ug/L		10	U		10	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		40	U		40	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		10	U		10	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		20	U		20	UR
40	84662	Diethyl phthalate	8270B	ug/L		10	U		10	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		100	U		100	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		10	U		10	UR
43	131113	Dimethyl phthalate	8270B	ug/L		10	U		10	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		20	U		20	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		20	U		20	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		100	U		100	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		100	U		100	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		10	UJ		10	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		10	U		10	UR
50	122394	Diphenylamine	8270B	ug/L		20	U		20	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		20	U		20	UR
52	206440	Fluoranthene	8270B	ug/L		10	U		10	UR
53	86737	Fluorene	8270B	ug/L		10	U		10	UR

					MW000RFIMW-30					
					A7C190143017					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		10	U		10	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		10	U		10	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		10	U		10	UR
57	67721	Hexachloroethane	8270B	ug/L		10	U		10	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		10	U		10	UR
59	78591	Isophorone	8270B	ug/L		10	U		10	UR
60	120581	Isosafrole	8270B	ug/L		20	U		20	UR
61	91805	Methapyrilene	8270B	ug/L		200	U		200	UR
62	95534	o-Toluidine	8270B	ug/L		20	U		20	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		200	U		200	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		20	U		20	UR
65	91576	2-Methylnaphthalene	8270B	ug/L	93	10		110	10	J
66	95487	2-Methylphenol	8270B	ug/L	2.6	10	J	2.6	10	J
67	108394	3-Methylphenol	8270B	ug/L	11	20	JN	11	20	JN
68	106445	4-Methylphenol	8270B	ug/L	11	20	JN	11	20	JN
69	91203	Naphthalene	8270B	ug/L	53	10		64	10	J
70	130154	1,4-Naphthoquinone	8270B	ug/L		400	U		400	UR
71	134327	1-Naphthylamine	8270B	ug/L		20	U		20	UR
72	91598	2-Naphthylamine	8270B	ug/L		20	U		20	UR
73	88744	2-Nitroaniline	8270B	ug/L		100	U		100	UR
74	99092	3-Nitroaniline	8270B	ug/L		100	U		100	UR
75	100016	4-Nitroaniline	8270B	ug/L		100	U		100	UR
76	98953	Nitrobenzene	8270B	ug/L		10	U		10	UR
77	88755	2-Nitrophenol	8270B	ug/L		20	U		20	UR
78	100027	4-Nitrophenol	8270B	ug/L		100	U		100	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		200	U		200	UR

					MW000RFIMW-30					
					A7C190143017					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		20	U		20	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		20	U		20	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		20	U		20	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		20	U		20	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		10	U		10	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		10	U		10	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		20	U		20	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		20	U		20	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		20	U		20	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		20	U		20	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		20	U		20	UR
91	608935	Pentachlorobenzene	8270B	ug/L		10	U		10	UR
92	76017	Pentachloroethane	8270B	ug/L		100	U		100	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		100	U		100	UR
94	87865	Pentachlorophenol	8270B	ug/L		100	U		100	UR
95	85018	Phenanthrene	8270B	ug/L		10	U	3.1	10	J
96	108952	Phenol	8270B	ug/L	66	10		50	10	J
97	109068	2-Picoline	8270B	ug/L		40	U		40	UR
98	129000	Pyrene	8270B	ug/L		10	UJ		10	UR
99	110861	Pyridine	8270B	ug/L		20	U		20	UR
100	94597	Safrole	8270B	ug/L		20	U		20	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		10	U		10	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		100	U		100	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		10	UJ		10	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		20	U		20	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		10	U		10	UR

					MW000RFIMW-30					
					A7C190143017					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		100	UR		100	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		20	U		20	UR
108	123911	1,4-Dioxane	8270B	ug/L	24	100	J	27	100	J
222	510156	p-Chlorobenzilate	8270B	ug/L		20	U		20	UR

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					MW000RFIMW-4					
					A7C190143010					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-4					
					A7C190143010					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-4					
					A7C190143010					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	UR
69	91203	Naphthalene	8270B	ug/L		5	U		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-4					
					A7C190143010					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L		5	U		5	UR
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-4					
					A7C190143010					
					03/19/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	UR
108	123911	1,4-Dioxane	8270B	ug/L	17	50	J	19	50	J
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-5					
					A7C190143014					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-5					
					A7C190143014					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L	1.3	5	J		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-5					
					A7C190143014					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L	1.1	5	J		5	UR
66	95487	2-Methylphenol	8270B	ug/L	3.8	5	J	3.8	5	J
67	108394	3-Methylphenol	8270B	ug/L	39	10	JN	39	10	JN
68	106445	4-Methylphenol	8270B	ug/L	39	10	JN	39	10	JN
69	91203	Naphthalene	8270B	ug/L	4	5	J	3.7	5	J
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-5					
					A7C190143014					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L	23	5		28	5	J
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-5					
					A7C190143014					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L	2.1	10	J	1.8	10	J
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-6					
					A7C190143015					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	UR
2	60515	Dimethoate	8270B	ug/L		200	U		200	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	UR
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	UR
6	62442	Phenacetin	8270B	ug/L		50	U		50	UR
7	23950585	Pronamide	8270B	ug/L		20	U		20	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UR
9	2303164	Diallate	8270B	ug/L		10	U		10	UR
11	83329	Acenaphthene	8270B	ug/L		5	UJ		5	UR
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	UR
13	98862	Acetophenone	8270B	ug/L		10	U		10	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	UR
15	62533	Aniline	8270B	ug/L		10	U		10	UR
16	120127	Anthracene	8270B	ug/L		5	U		5	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	UR
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	UR

					MW000RFIMW-6					
					A7C190143015					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	UR
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	UR
33	218019	Chrysene	8270B	ug/L		5	U		5	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	UR
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	UR
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	UR
50	122394	Diphenylamine	8270B	ug/L		10	U		10	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	UR
52	206440	Fluoranthene	8270B	ug/L		5	U		5	UR
53	86737	Fluorene	8270B	ug/L		5	U		5	UR

					MW000RFIMW-6					
					A7C190143015					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	UR
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	UR
59	78591	Isophorone	8270B	ug/L		5	U		5	UR
60	120581	Isosafrole	8270B	ug/L		10	U		10	UR
61	91805	Methapyrilene	8270B	ug/L		100	U		100	UR
62	95534	o-Toluidine	8270B	ug/L		10	U		10	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	UR
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	UR
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L	11	10	JN	10	10	JN
68	106445	4-Methylphenol	8270B	ug/L	11	10	JN	10	10	JN
69	91203	Naphthalene	8270B	ug/L	1.7	5	J		5	UR
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	UR
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	UR
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	UR
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	UR
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	UR
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	UR
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	UR
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UR

					MW000RFIMW-6					
					A7C190143015					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UR
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	UR
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	UR
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	U		5	UR
96	108952	Phenol	8270B	ug/L	15	5		10	5	J
97	109068	2-Picoline	8270B	ug/L		20	U		20	UR
98	129000	Pyrene	8270B	ug/L		5	UJ		5	UR
99	110861	Pyridine	8270B	ug/L		10	U		10	UR
100	94597	Safrole	8270B	ug/L		10	U		10	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	UR

					MW000RFIMW-6					
					A7C190143015					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L	16	10		18	10	J
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	UR
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	UR

					MW000RFIMW-7					
					A7C190143016					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		100	U		100	UR
2	60515	Dimethoate	8270B	ug/L		400	U		400	UR
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		40	U		40	UR
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		200	U		200	UR
5	1888717	Hexachloropropene	8270B	ug/L		200	U		200	UR
6	62442	Phenacetin	8270B	ug/L		100	U		100	UR
7	23950585	Pronamide	8270B	ug/L		40	U		40	UR
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		100	UJ		100	UR
9	2303164	Diallate	8270B	ug/L		20	U		20	UR
11	83329	Acenaphthene	8270B	ug/L	2.5	10	J	3	10	J
12	208968	Acenaphthylene	8270B	ug/L		10	U		10	UR
13	98862	Acetophenone	8270B	ug/L		20	U		20	UR
14	53963	2-Acetylaminofluorene	8270B	ug/L		40	U		40	UR
15	62533	Aniline	8270B	ug/L		20	U		20	UR
16	120127	Anthracene	8270B	ug/L		10	U		10	UR
17	56553	Benzo(a)anthracene	8270B	ug/L		10	U		10	UR
18	205992	Benzo(b)fluoranthene	8270B	ug/L		10	U		10	UR
19	207089	Benzo(k)fluoranthene	8270B	ug/L		10	U		10	UR
20	191242	Benzo(ghi)perylene	8270B	ug/L		10	U		10	UR
21	50328	Benzo(a)pyrene	8270B	ug/L		10	U		10	UR
22	100516	Benzyl alcohol	8270B	ug/L		20	U		20	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		20	U		20	UR
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		10	U		10	UR
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		10	U		10	UR
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		10	U		10	UR
27	85687	Butyl benzyl phthalate	8270B	ug/L		10	U		10	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-7					
					A7C190143016					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		20	U		20	UR
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		10	UJ		10	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		20	U		20	UR
31	95578	2-Chlorophenol	8270B	ug/L		10	U		10	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		20	U		20	UR
33	218019	Chrysene	8270B	ug/L		10	U		10	UR
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		10	U		10	UR
35	132649	Dibenzofuran	8270B	ug/L	2.7	10	J	2.9	10	J
36	84742	Di-n-butyl phthalate	8270B	ug/L		10	U		10	UR
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		40	U		40	UR
38	120832	2,4-Dichlorophenol	8270B	ug/L		10	U		10	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		20	U		20	UR
40	84662	Diethyl phthalate	8270B	ug/L		10	U		10	UR
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		100	U		100	UR
42	105679	2,4-Dimethylphenol	8270B	ug/L		10	U		10	UR
43	131113	Dimethyl phthalate	8270B	ug/L		10	U		10	UR
44	117840	Di-n-octyl phthalate	8270B	ug/L		20	U		20	UR
45	99650	1,3-Dinitrobenzene	8270B	ug/L		20	U		20	UR
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		100	U		100	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		100	U		100	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		10	UJ		10	UR
49	606202	2,6-Dinitrotoluene	8270B	ug/L		10	U		10	UR
50	122394	Diphenylamine	8270B	ug/L		20	U		20	UR
51	62500	Ethyl methanesulfonate	8270B	ug/L		20	U		20	UR
52	206440	Fluoranthene	8270B	ug/L		10	U		10	UR
53	86737	Fluorene	8270B	ug/L		10	U		10	UR

					MW000RFIMW-7					
					A7C190143016					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		10	U		10	UR
55	87683	Hexachlorobutadiene	8270B	ug/L		10	U		10	UR
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		10	U		10	UR
57	67721	Hexachloroethane	8270B	ug/L		10	U		10	UR
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		10	U		10	UR
59	78591	Isophorone	8270B	ug/L		10	U		10	UR
60	120581	Isosafrole	8270B	ug/L		20	U		20	UR
61	91805	Methapyrilene	8270B	ug/L		200	U		200	UR
62	95534	o-Toluidine	8270B	ug/L		20	U		20	UR
63	56495	3-Methylcholanthrene	8270B	ug/L		200	U		200	UR
64	66273	Methyl methanesulfonate	8270B	ug/L		20	U		20	UR
65	91576	2-Methylnaphthalene	8270B	ug/L	110	10		110	10	J
66	95487	2-Methylphenol	8270B	ug/L		10	U		10	UR
67	108394	3-Methylphenol	8270B	ug/L	6.8	20	JN	6.4	20	JN
68	106445	4-Methylphenol	8270B	ug/L	6.8	20	JN	6.4	20	JN
69	91203	Naphthalene	8270B	ug/L	57	10		67	10	J
70	130154	1,4-Naphthoquinone	8270B	ug/L		400	U		400	UR
71	134327	1-Naphthylamine	8270B	ug/L		20	U		20	UR
72	91598	2-Naphthylamine	8270B	ug/L		20	U		20	UR
73	88744	2-Nitroaniline	8270B	ug/L		100	U		100	UR
74	99092	3-Nitroaniline	8270B	ug/L		100	U		100	UR
75	100016	4-Nitroaniline	8270B	ug/L		100	U		100	UR
76	98953	Nitrobenzene	8270B	ug/L		10	U		10	UR
77	88755	2-Nitrophenol	8270B	ug/L		20	U		20	UR
78	100027	4-Nitrophenol	8270B	ug/L		100	UJ		100	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		200	U		200	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-7					
					A7C190143016					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		20	U		20	UR
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		20	U		20	UR
82	55185	N-Nitrosodiethylamine	8270B	ug/L		20	U		20	UR
83	62759	N-Nitrosodimethylamine	8270B	ug/L		20	U		20	UR
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		10	U		10	UR
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		10	U		10	UR
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		20	U		20	UR
87	59892	N-Nitrosomorpholine	8270B	ug/L		20	U		20	UR
88	100754	N-Nitrosopiperidine	8270B	ug/L		20	U		20	UR
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		20	U		20	UR
90	99558	5-Nitro-o-toluidine	8270B	ug/L		20	U		20	UR
91	608935	Pentachlorobenzene	8270B	ug/L		10	U		10	UR
92	76017	Pentachloroethane	8270B	ug/L		100	U		100	UR
93	82688	Pentachloronitrobenzene	8270B	ug/L		100	U		100	UR
94	87865	Pentachlorophenol	8270B	ug/L		100	U		100	UR
95	85018	Phenanthrene	8270B	ug/L	2.6	10	J	3	10	J
96	108952	Phenol	8270B	ug/L	45	10		41	10	J
97	109068	2-Picoline	8270B	ug/L		40	U		40	UR
98	129000	Pyrene	8270B	ug/L		10	UJ		10	UR
99	110861	Pyridine	8270B	ug/L		20	U		20	UR
100	94597	Safrole	8270B	ug/L		20	U		20	UR
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		10	U		10	UR
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		100	U		100	UR
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		10	UJ		10	UR
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		20	U		20	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		10	U		10	UR

					MW000RFIMW-7					
					A7C190143016					
					03/20/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		100	UR		100	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		20	U		20	UR
108	123911	1,4-Dioxane	8270B	ug/L	32	100	J	34	100	J
222	510156	p-Chlorobenzilate	8270B	ug/L		20	U		20	UR

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-8 (MS/MSD)			MW000RFIMW-9 (MS/MSD)		
					A7C190143025			A7C190143026		
					03/24/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	1.8	5	J		5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-8 (MS/MSD)			MW000RFIMW-9 (MS/MSD)		
					A7C190143025			A7C190143026		
					03/24/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	U
33	218019	Chrysene	8270B	ug/L		5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	U
50	122394	Diphenylamine	8270B	ug/L		10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	U
52	206440	Fluoranthene	8270B	ug/L		5	U		5	U
53	86737	Fluorene	8270B	ug/L		5	U		5	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-8 (MS/MSD)			MW000RFIMW-9 (MS/MSD)		
					A7C190143025			A7C190143026		
					03/24/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	U
59	78591	Isophorone	8270B	ug/L		5	U		5	U
60	120581	Isosafrole	8270B	ug/L		10	U		10	U
61	91805	Methapyrilene	8270B	ug/L		100	U		100	U
62	95534	o-Toluidine	8270B	ug/L		10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	U
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	U
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	U
69	91203	Naphthalene	8270B	ug/L		5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	UJ		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	U
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ		50	UJ
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-8 (MS/MSD)			MW000RFIMW-9 (MS/MSD)		
					A7C190143025			A7C190143026		
					03/24/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		5	U
97	109068	2-Picoline	8270B	ug/L		20	U		20	U
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U

BASF - Final, Semi-Volatile Analytical Results

					MW000RFIMW-8 (MS/MSD)			MW000RFIMW-9 (MS/MSD)		
					A7C190143025			A7C190143026		
					03/24/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

BASF - Final, Metals Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA					
					A7C190143021					
					03/21/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.57	0.005	J	0.44	0.005	J
3	7440393	Barium	6010A	mg/L	0.041	0.01		0.093	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.01	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	UJ		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.02	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L	0.034	0.02		0.035	0.02	
14	7440666	Zinc	6010A	mg/L		0.026	U*	0.062	0.02	
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.02	0.005		0.028	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.014	U*		0.01	U*
18	57125	Total Cyanide	9012	mg/L				14	1	

BASF - Final, Metals Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA					
					A7C190143021					
					03/21/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.57	0.005	J	0.44	0.005	J
3	7440393	Barium	6010A	mg/L	0.041	0.01		0.093	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.01	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	UJ		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.02	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L	0.034	0.02		0.035	0.02	
14	7440666	Zinc	6010A	mg/L		0.026	U*	0.062	0.02	
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.02	0.005		0.028	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.014	U*		0.01	U*
18	57125	Total Cyanide	9012	mg/L				14	1	

						MW000P-34-N					
						A7C190143005					
						03/18/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.008	0.005	J	0.051	0.005	J
3	7440393	Barium	6010A	mg/L		0.11	0.01		0.13	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.012	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.022	U*	0.07	0.02	J
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.008	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.021	0.005	

BASF - Final, Metals Analytical Results

					MW000RFIMW-1					
					A7C190143024					
					03/24/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.27	0.01		0.27	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	UJ		0.032	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.046	0.005	

						MW000RFIMW-10			U		
						A7C190143013					
						03/20/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.013	0.005	J	0.015	0.005	J
3	7440393	Barium	6010A	mg/L		0.72	0.01		0.86	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U		0.02	U
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.005	0.005	

BASF - Final, Metals Analytical Results

						MW000RFIMW-11					
						A7C190143020					
						03/21/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U	0.00069	0.0002	
2	7440382	Arsenic	6010A -T	mg/L		0.0063	0.005	J	0.017	0.005	J
3	7440393	Barium	6010A	mg/L		0.096	0.01		0.1	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.019	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	UJ		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.041	U*
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U	0.069	0.02	
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.019	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.012	0.005	

						MW000RFIMW-12					
						A7C190143019					
						03/21/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0031	0.0002		0.0041	0.0002	
2	7440382	Arsenic	6010A -T	mg/L		0.29	0.005	J	0.36	0.005	J
3	7440393	Barium	6010A	mg/L		0.039	0.01		0.048	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U	0.0073	0.005	
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.01	U*
10	7440020	Nickel	6010A	mg/L		0.17	0.04		0.22	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.28	0.02		0.36	0.02	
14	7440666	Zinc	6010A	mg/L			0.021	U*		0.034	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.04	0.005		0.059	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.49	0.1	

BASF - Final, Metals Analytical Results

						MW000RFIMW-2					
						A7C190143012					
						03/19/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.01	UJ	0.014	0.01	J
3	7440393	Barium	6010A	mg/L		0.36	0.02		0.44	0.02	
4	7439921	Lead	6010A -T	mg/L			0.006	UJ		0.006	UJ
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.01	UJ		0.01	UJ
7	7440280	Thallium	6010A -T	mg/L			0.02	U		0.02	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.058	0.01	J	0.064	0.01	J
10	7440020	Nickel	6010A	mg/L			0.04	U	0.044	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U	0.024	0.02	
14	7440666	Zinc	6010A	mg/L			0.02	UJ	0.076	0.04	
15	7440439	Cadmium	6010A -T	mg/L		0.0031	0.002			0.002	U
16	7440473	Chromium	6010A -T	mg/L			0.01	U	0.069	0.01	
17	7440360	Antimony	6010A -T	mg/L			0.01	U		0.01	U
18	57125	Total Cyanide	9012	mg/L					0.012	0.005	

						MW000RFIMW-22			U		
						A7C190143008					
						03/17/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.33	0.005	J	0.34	0.005	J
3	7440393	Barium	6010A	mg/L		0.14	0.01		0.16	0.01	
4	7439921	Lead	6010A -T	mg/L		0.005	0.003		0.0088	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.011	0.005		0.0096	0.005	
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.035	U*		0.043	U*
10	7440020	Nickel	6010A	mg/L		0.1	0.04		0.11	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		1.1	0.02		1.2	0.02	
14	7440666	Zinc	6010A	mg/L			0.039	U*	0.059	0.02	J
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.091	0.005		0.096	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.0053	U*		0.005	U
18	57125	Total Cyanide	9012	mg/L					39	2.5	

BASF - Final, Metals Analytical Results

						MW000RFIMW-23					
						A7C190143011					
						03/19/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.0069	0.005	J	0.008	0.005	J
3	7440393	Barium	6010A	mg/L		0.094	0.01		0.099	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U		0.028	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.012	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					1.4	0.1	

						MW000RFIMW-24					
						A7C190143001					
						03/18/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	U		0.005	UJ
3	7440393	Barium	6010A	mg/L		0.082	0.01		0.091	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	UJ	0.0043	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	UJ		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.02	U*
10	7440020	Nickel	6010A	mg/L		0.1	0.04		0.16	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U	0.051	0.02	J
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.017	0.005		0.62	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.36	0.025	

BASF - Final, Metals Analytical Results

						MW000RFIMW-25					
						A7C190143002					
						03/18/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L		0.13	0.01		0.17	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.0036	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.019	U*
10	7440020	Nickel	6010A	mg/L			0.04	U	0.062	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.022	U*	0.057	0.02	J
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.62	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.38	0.025	

						MW000RFIMW-26					
						A7C190143003					
						03/18/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	UJ	0.0087	0.005	J
3	7440393	Barium	6010A	mg/L		1.6	0.01		1.4	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.006	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	UJ		0.005	UJ
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.018	U*	0.054	0.01	
10	7440020	Nickel	6010A	mg/L		0.27	0.04		0.25	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U	0.022	0.02	
14	7440666	Zinc	6010A	mg/L			0.023	U*	0.069	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.002	0.001		0.0014	0.001	
16	7440473	Chromium	6010A -T	mg/L		0.0075	0.005	J	1.8	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.21	0.025	

BASF - Final, Metals Analytical Results

						MW000RFIMW-27 A7C190143004 03/18/97					
						F WATER			U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.01	UJ		0.01	UJ
3	7440393	Barium	6010A	mg/L		0.22	0.02		0.22	0.02	
4	7439921	Lead	6010A -T	mg/L			0.006	UJ		0.006	UJ
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.01	UJ		0.01	UJ
7	7440280	Thallium	6010A -T	mg/L			0.02	U		0.02	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.049	U*	0.052	0.01	J
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	UJ		0.02	U*
15	7440439	Cadmium	6010A -T	mg/L			0.002	U		0.002	U
16	7440473	Chromium	6010A -T	mg/L		0.01	0.01	J	0.012	0.01	
17	7440360	Antimony	6010A -T	mg/L			0.01	U		0.01	U
18	57125	Total Cyanide	9012	mg/L					0.041	0.005	

						MW000RFIMW-28					
						A7C190143006					
						03/18/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.044	0.005	J	0.04	0.005	J
3	7440393	Barium	6010A	mg/L		0.041	0.01		0.067	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.0042	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.019	U*
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U	0.027	0.02	
14	7440666	Zinc	6010A	mg/L			0.026	U*	0.05	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.0013	0.001		0.001	0.001	
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.013	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.01	0.005	

BASF - Final, Metals Analytical Results

						MW000RFIMW-29 A7C190143022 03/21/97 F WATER			MW000RFIMW-29 A7C190143022 03/21/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L		0.087	0.01		0.066	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	UJ	0.0066	0.003	J
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.022	U*
10	7440020	Nickel	6010A	mg/L		0.72	0.04		1.1	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U		0.04	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.23	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.0059	U*		0.006	U*
18	57125	Total Cyanide	9012	mg/L					0.01	0.005	

						MW000RFIMW-3					
						A7C190143009					
						03/19/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.014	0.005	J	0.025	0.005	J
3	7440393	Barium	6010A	mg/L		1.2	0.01		1.2	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.021	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.048	U*
10	7440020	Nickel	6010A	mg/L			0.04	U	0.047	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U	0.043	0.02	
14	7440666	Zinc	6010A	mg/L			0.02	U*	0.11	0.02	J
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.033	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L						0.005	U

BASF - Final, Metals Analytical Results

					MW000RFIMW-30					
					A7C190143017					
					03/20/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L	0.087	0.01		0.085	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L	0.027	0.005	J	0.025	0.005	J
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.012	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.032	0.005		0.061	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.052	0.005	

						MW000RFIMW-4					
						A7C190143010					
						03/19/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.17	0.005	J	0.19	0.005	J
3	7440393	Barium	6010A	mg/L		0.085	0.01		0.1	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.0043	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.017	U*
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U	0.052	0.02	J
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.022	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.064	0.005	

BASF - Final, Metals Analytical Results

					MW000RFIMW-5					
					A7C190143014					
					03/20/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L	1.2	0.01		1.2	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	UJ	0.0054	0.005	
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		2	UJ		4	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.007	0.005	

						MW000RFIMW-6					
						A7C190143015					
						03/20/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A		mg/L		0.0002	U	0.00038	0.0002	
2	7440382	Arsenic	6010A	-T	mg/L		0.005	UJ		0.005	UJ
3	7440393	Barium	6010A		mg/L	0.1	0.01		0.11	0.01	
4	7439921	Lead	6010A	-T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A		mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A	-T	mg/L		0.005	U		0.005	UJ
7	7440280	Thallium	6010A	-T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A		mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A		mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A		mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A		mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A		mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A		mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A		mg/L		0.02	U		0.029	U*
15	7440439	Cadmium	6010A	-T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A	-T	mg/L		0.005	U	0.011	0.005	
17	7440360	Antimony	6010A	-T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012		mg/L				0.012	0.005	

BASF - Final, Metals Analytical Results

						MW000RFIMW-7					
						A7C190143016					
						03/20/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L		0.086	0.01		0.091	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.027	0.005		0.016	0.005	J
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U		0.032	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.031	0.005		0.023	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.047	0.005	

						MW000RFIMW-8 (MS/MSD)					
						A7C190143025					
						03/24/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L		0.98	0.01		1.1	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.021	U*		0.027	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L						0.005	U

BASF - Final, Metals Analytical Results

						MW000RFIMW-9 (MS/MSD) A7C190143026 03/24/97 F WATER			MW000RFIMW-9 (MS/MSD) A7C190143026 03/24/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.025	0.005	J	0.025	0.005	J
3	7440393	Barium	6010A	mg/L		0.22	0.01		0.21	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U		0.03	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L						0.005	U

BASF - Final, Pesti[redacted]/PCBs Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA			MW000P-34-N		
					A7C190143021			A7C190143005		
					03/21/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		2.5	U		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		2.5	U		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		2.5	U		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		2.5	U		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		2.5	U		0.05	UJ
6	57749	Chlordane	8080A	ug/L		25	U		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		2.5	U		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		2.5	U		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		5	U		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		5	U		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		5	U		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		5	U		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		2.5	U		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		5	U		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		5	U		0.1	UJ
16	72208	Endrin	8080A	ug/L		5	U		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		5	U		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		2.5	U		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		2.5	U		0.05	UJ
20	465736	Isodrin	8080A	ug/L		2.5	U		0.05	UJ
21	143500	Kepone	8080A	ug/L		50	U		1	UJ
22	72435	Methoxychlor	8080A	ug/L		25	U		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		25	U		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		25	U		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		25	U		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

					BASF			MW000P-34-N		
					A7C190143					
					MW000MWPMINA			A7C190143005		
					A7C190143021			03/18/97		
					03/21/97					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		25	U		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		25	U		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		50	U		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		50	U		1	UJ
30	8001352	Toxaphene	8080A	ug/L		62	U		1.2	UJ

					MW000RFIMW-1			MW000RFIMW-10		
					A7C190143024			A7C190143013		
					03/24/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.5	U		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.5	U		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.5	U		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.5	U		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.5	U		0.05	UJ
6	57749	Chlordane	8080A	ug/L		5	U		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.5	U		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.5	U		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		1	U		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		1	U		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		1	U		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		1	U		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.5	U		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		1	U		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		1	U		0.1	UJ
16	72208	Endrin	8080A	ug/L		1	U		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		1	U		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.5	U		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.5	U		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.5	U		0.05	UJ
21	143500	Kepone	8080A	ug/L		10	U		1	UJ
22	72435	Methoxychlor	8080A	ug/L		5	U		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		5	U		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		5	U		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		5	U		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-1 A7C190143024 03/24/97 U WATER			MW000RFIMW-10 A7C190143013 03/20/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		5 U			0.5 UJ	
27	12672296	Aroclor 1248	8080A	ug/L		5 U			0.5 UJ	
28	11097691	Aroclor 1254	8080A	ug/L		10 U			1 UJ	
29	11096825	Aroclor 1260	8080A	ug/L		10 U			1 UJ	
30	8001352	Toxaphene	8080A	ug/L		12 U			1.2 UJ	

						MW000RFIMW-11 A7C190143020 03/21/97 U WATER			MW000RFIMW-12 A7C190143019 03/21/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L			0.05	UJ		0.5	U
2	319846	alpha-BHC	8080A	ug/L			0.05	UJ		0.5	U
3	319857	beta-BHC	8080A	ug/L			0.05	UJ		0.5	U
4	319868	delta-BHC	8080A	ug/L			0.05	UJ		0.5	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L			0.05	UJ		0.5	U
6	57749	Chlordane	8080A	ug/L			0.5	UJ		5	U
7	5103719	alpha-Chlordane	8080A	ug/L			0.05	UJ		0.5	U
8	5103742	gamma-Chlordane	8080A	ug/L			0.05	UJ		0.5	U
9	72548	4,4'-DDD	8080A	ug/L			0.1	UJ		1	U
10	72559	4,4'-DDE	8080A	ug/L			0.1	UJ		1	U
11	50293	4,4'-DDT	8080A	ug/L			0.1	UJ		1	U
12	60571	Dieldrin	8080A	ug/L			0.1	UJ		1	U
13	959988	Endosulfan I	8080A	ug/L			0.05	UJ		0.5	U
14	33213659	Endosulfan II	8080A	ug/L			0.1	UJ		1	U
15	1031078	Endosulfan sulfate	8080A	ug/L			0.1	UJ		1	U
16	72208	Endrin	8080A	ug/L			0.1	UJ		1	U
17	7421934	Endrin aldehyde	8080A	ug/L			0.1	UJ		1	U
18	76448	Heptachlor	8080A	ug/L			0.05	UJ		0.5	U
19	1024573	Heptachlor epoxide	8080A	ug/L			0.05	UJ		0.5	U
20	465736	Isodrin	8080A	ug/L			0.05	UJ		0.5	U
21	143500	Kepone	8080A	ug/L			1	UJ		10	U
22	72435	Methoxychlor	8080A	ug/L			0.5	UJ		5	U
23	12674112	Aroclor 1016	8080A	ug/L			0.5	UJ		5	U
24	11104282	Aroclor 1221	8080A	ug/L			0.5	UJ		5	U
25	11141165	Aroclor 1232	8080A	ug/L			0.5	UJ		5	U

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-11			MW000RFIMW-12		
					A7C190143020			A7C190143019		
					03/21/97			03/21/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		5	U
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		5	U
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		10	U
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		10	U
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		12	U

						MW000RFIMW-2 A7C190143012 03/19/97 U WATER			MW000RFIMW-22 A7C190143008 03/17/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L			0.05	UJ		5	U
2	319846	alpha-BHC	8080A	ug/L			0.05	UJ		5	U
3	319857	beta-BHC	8080A	ug/L			0.05	UJ		5	U
4	319868	delta-BHC	8080A	ug/L			0.05	UJ		5	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L			0.05	UJ		5	U
6	57749	Chlordane	8080A	ug/L			0.5	UJ		50	U
7	5103719	alpha-Chlordane	8080A	ug/L			0.05	UJ		5	U
8	5103742	gamma-Chlordane	8080A	ug/L			0.05	UJ		5	U
9	72548	4,4'-DDD	8080A	ug/L			0.1	UJ		10	U
10	72559	4,4'-DDE	8080A	ug/L			0.1	UJ		10	U
11	50293	4,4'-DDT	8080A	ug/L			0.1	UJ		10	U
12	60571	Dieldrin	8080A	ug/L			0.1	UJ		10	U
13	959988	Endosulfan I	8080A	ug/L			0.05	UJ		5	U
14	33213659	Endosulfan II	8080A	ug/L			0.1	UJ		10	U
15	1031078	Endosulfan sulfate	8080A	ug/L			0.1	UJ		10	U
16	72208	Endrin	8080A	ug/L			0.1	UJ		10	U
17	7421934	Endrin aldehyde	8080A	ug/L			0.1	UJ		10	U
18	76448	Heptachlor	8080A	ug/L			0.05	UJ		5	U
19	1024573	Heptachlor epoxide	8080A	ug/L			0.05	UJ		5	U
20	465736	Isodrin	8080A	ug/L			0.05	UJ		5	U
21	143500	Kepone	8080A	ug/L			1	UJ		100	U
22	72435	Methoxychlor	8080A	ug/L			0.5	UJ		50	U
23	12674112	Aroclor 1016	8080A	ug/L			0.5	UJ		50	U
24	11104282	Aroclor 1221	8080A	ug/L			0.5	UJ		50	U
25	11141165	Aroclor 1232	8080A	ug/L			0.5	UJ		50	U

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-2 A7C190143012 03/19/97 U WATER			MW000RFIMW-22 A7C190143008 03/17/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		50	U
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		50	U
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		100	U
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		100	U
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		120	U

						MW000RFIMW-23 A7C190143011 03/19/97 U WATER			MW000RFIMW-24 A7C190143001 03/18/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L			1	U		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L			1	U		0.05	UJ
3	319857	beta-BHC	8080A	ug/L			1	U		0.05	UJ
4	319868	delta-BHC	8080A	ug/L			1	U		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L			1	U		0.05	UJ
6	57749	Chlordane	8080A	ug/L			10	U		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L			1	U		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L			1	U		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L			2	U		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L			2	U		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L			2	U		0.1	UJ
12	60571	Dieldrin	8080A	ug/L			2	U		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L			1	U		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L			2	U		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L			2	U		0.1	UJ
16	72208	Endrin	8080A	ug/L			2	U		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L			2	U		0.1	UJ
18	76448	Heptachlor	8080A	ug/L			1	U		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L			1	U		0.05	UJ
20	465736	Isodrin	8080A	ug/L			1	U		0.05	UJ
21	143500	Kepone	8080A	ug/L			20	U		1	UJ
22	72435	Methoxychlor	8080A	ug/L			10	U		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L			10	U		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L			10	U		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L			10	U		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

						MW000RFIMW-23 A7C190143011 03/19/97 U WATER			MW000RFIMW-24 A7C190143001 03/18/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			10	U		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			10	U		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			20	U		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			20	U		1	UJ
30	8001352	Toxaphene	8080A	ug/L			25	U		1.2	UJ

					MW000RFIMW-25			MW000RFIMW-26		
					A7C190143002			A7C190143003		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

						MW000RFIMW-25			MW000RFIMW-26		
						A7C190143002			A7C190143003		
						03/18/97			03/18/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1	UJ
30	8001352	Toxapheno	8080A	ug/L			1.2	UJ		1.2	UJ

					MW000RFIMW-27			MW000RFIMW-28		
					A7C190143004			A7C190143006		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.5	U
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.5	U
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.5	U
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.5	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.5	U
6	57749	Chlordane	8080A	ug/L		0.5	UJ		5	U
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.5	U
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.5	U
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		1	U
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		1	U
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		1	U
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		1	U
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.5	U
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		1	U
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		1	U
16	72208	Endrin	8080A	ug/L		0.1	UJ		1	U
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		1	U
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.5	U
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.5	U
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.5	U
21	143500	Kepone	8080A	ug/L		1	UJ		10	U
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		5	U
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		5	U
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		5	U
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		5	U

BASF - Final, Pesticide/PCBs Analytical Results

						MW000RFIMW-27			MW000RFIMW-28		
						A7C190143004			A7C190143006		
						03/18/97			03/18/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		5	U
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		5	U
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		10	U
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		10	U
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		12	U

					MW000RFIMW-29			MW000RFIMW-3		
					A7C190143022			A7C190143009		
					03/21/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

						MW000RFIMW-29			MW000RFIMW-3		
						A7C190143022			A7C190143009		
						03/21/97			03/19/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		1.2	UJ

					MW000RFIMW-30			MW000RFIMW-4		
					A7C190143017			A7C190143010		
					03/20/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

						MW000RFIMW-30 A7C190143017 03/20/97 U WATER			MW000RFIMW-4 A7C190143010 03/19/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		1.2	UJ

						MW000RFIMW-5 A7C190143014 03/20/97 U WATER			MW000RFIMW-6 A7C190143015 03/20/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L			0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L			0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L			0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L			0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L			0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L			0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L			0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L			0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L			0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L			0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L			0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L			0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L			0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L			0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L			0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L			0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L			0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L			0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L			0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L			0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L			1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L			0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L			0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L			0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L			0.5	UJ		0.5	UJ

						MW000RFIMW-5 A7C190143014 03/20/97 U WATER			MW000RFIMW-6 A7C190143015 03/20/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		1.2	UJ

					MW000RFIMW-7 A7C190143016 03/20/97 U WATER			MW000RFIMW-8 (MS/MSD) A7C190143025 03/24/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UR
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UR
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UR
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UR
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UR
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UR
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UR
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UR
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UR
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UR
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UR
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UR
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UR
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UR
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UR
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UR
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UR
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UR
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UR
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UR
21	143500	Kepone	8080A	ug/L		1	UJ		1	UR
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UR
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UR
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UR
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UR

						MW000RFIMW-7			MW000RFIMW-8 (MS/MSD)		
						A7C190143016			A7C190143025		
						03/20/97			03/24/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		0.5	UR
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		0.5	UR
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1	UR
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1	UR
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		1.2	UR

					MW000RFIMW-9 (MS/MSD)		
					A7C190143026		
					03/24/97		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ

						MW000RFIMW-9 (MS/MSD) A7C190143026 03/24/97 U WATER		
						Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ

BASF - Final, He[illegible]ide Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA			MW000P-34-N		
					A7C190143021			A7C190143005		
					03/21/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		10	U		1	U

BASF - Final, Herbicide Analytical Results

						MW000RFIMW-1 A7C190143024 03/24/97 U WATER			MW000RFIMW-10 A7C190143013 03/20/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L			0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L			0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L			0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L			1	U		1	U

					MW000RFIMW-11			MW000RFIMW-12		
					A7C190143020			A7C190143019		
					03/21/97			03/21/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		10	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-2 A7C190143012 03/19/97 U WATER			MW000RFIMW-22 A7C190143008 03/17/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		5	U		10	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		1	U		2	U
3	93765	2,4,5-T	8150B	ug/L		2	U		4	U
4	87865	Pentachlorophenol	8150B	ug/L		10	U		20	U

					MW000RFIMW-23			MW000RFIMW-24		
					A7C190143011			A7C190143001		
					03/19/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-25			MW000RFIMW-26		
					A7C190143002			A7C190143003		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	UR
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	UR
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	UR
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	UR

					MW000RFIMW-27			MW000RFIMW-28		
					A7C190143004			A7C190143006		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

						MW000RFIMW-29			MW000RFIMW-3		
						A7C190143022			A7C190143009		
						03/21/97			03/19/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L			0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L			0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L			0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L			1	U		1	U

					MW000RFIMW-30			MW000RFIMW-4		
					A7C190143017			A7C190143010		
					03/20/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-5			MW000RFIMW-6		
					A7C190143014			A7C190143015		
					03/20/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

					MW000RFIMW-7			MW000RFIMW-8 (MS/MSD)		
					A7C190143016			A7C190143025		
					03/20/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

						MW000RFIMW-9 (MS/MSD) A7C190143026 03/24/97 U WATER		
						Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L			0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L			0.1	U
3	93765	2,4,5-T	8150B	ug/L			0.2	U
4	87865	Pentachlorophenol	8150B	ug/L			1	U

BASF - Final, M[redacted] Analytical Results

					BASF					
					A7C190143					
					MW000RFIMW-1					
					A7C190143024					
					03/24/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.27	0.01		0.27	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	UJ		0.032	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.046	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-10					
					A7C190143013					
					03/20/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.013	0.005	J	0.015	0.005	J
3	7440393	Barium	6010A	mg/L	0.72	0.01		0.86	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.005	0.005	

					MW000RFIMW-11					
					A7C190143020					
					03/21/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U	0.00069	0.0002	
2	7440382	Arsenic	6010A -T	mg/L	0.0063	0.005	J	0.017	0.005	J
3	7440393	Barium	6010A	mg/L	0.096	0.01		0.1	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.019	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	UJ		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.041	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U	0.069	0.02	
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.019	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.012	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-12					
					A7C190143019					
					03/21/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L	0.0031	0.0002		0.0041	0.0002	
2	7440382	Arsenic	6010A -T	mg/L	0.29	0.005	J	0.36	0.005	J
3	7440393	Barium	6010A	mg/L	0.039	0.01		0.048	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U	0.0073	0.005	
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U*
10	7440020	Nickel	6010A	mg/L	0.17	0.04		0.22	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L	0.28	0.02		0.36	0.02	
14	7440666	Zinc	6010A	mg/L		0.021	U*		0.034	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.04	0.005		0.059	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.49	0.1	

					MW000RFIMW-2					
					A7C190143012					
					03/19/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.01	UJ	0.014	0.01	J
3	7440393	Barium	6010A	mg/L	0.36	0.02		0.44	0.02	
4	7439921	Lead	6010A -T	mg/L		0.006	UJ		0.006	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.01	UJ		0.01	UJ
7	7440280	Thallium	6010A -T	mg/L		0.02	U		0.02	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L	0.058	0.01	J	0.064	0.01	J
10	7440020	Nickel	6010A	mg/L		0.04	U	0.044	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.024	0.02	
14	7440666	Zinc	6010A	mg/L		0.02	UJ	0.076	0.04	
15	7440439	Cadmium	6010A -T	mg/L	0.0031	0.002			0.002	U
16	7440473	Chromium	6010A -T	mg/L		0.01	U	0.069	0.01	
17	7440360	Antimony	6010A -T	mg/L		0.01	U		0.01	U
18	57125	Total Cyanide	9012	mg/L				0.012	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-22					
					A7C190143008					
					03/17/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.33	0.005	J	0.34	0.005	J
3	7440393	Barium	6010A	mg/L	0.14	0.01		0.16	0.01	
4	7439921	Lead	6010A -T	mg/L	0.005	0.003		0.0088	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L	0.011	0.005		0.0096	0.005	
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.035	U*		0.043	U*
10	7440020	Nickel	6010A	mg/L	0.1	0.04		0.11	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L	1.1	0.02		1.2	0.02	
14	7440666	Zinc	6010A	mg/L		0.039	U*	0.059	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.091	0.005		0.096	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.0053	U*		0.005	U
18	57125	Total Cyanide	9012	mg/L				39	2.5	

					MW000RFIMW-24					
					A7C190143001					
					03/18/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	UJ
3	7440393	Barium	6010A	mg/L	0.082	0.01		0.091	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ	0.0043	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	UJ		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.02	U*
10	7440020	Nickel	6010A	mg/L	0.1	0.04		0.16	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U	0.051	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.017	0.005		0.62	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.36	0.025	

BASF - Final, Metal Analytical Results

					MW000RFIMW-25					
					A7C190143002					
					03/18/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L	0.13	0.01		0.17	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.0036	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.019	U*
10	7440020	Nickel	6010A	mg/L		0.04	U	0.062	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.022	U*	0.057	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.62	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.38	0.025	

					MW000RFIMW-26					
					A7C190143003					
					03/18/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	UJ	0.0087	0.005	J
3	7440393	Barium	6010A	mg/L	1.6	0.01		1.4	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.006	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	UJ		0.005	UJ
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.018	U*	0.054	0.01	
10	7440020	Nickel	6010A	mg/L	0.27	0.04		0.25	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.022	0.02	
14	7440666	Zinc	6010A	mg/L		0.023	U*	0.069	0.02	J
15	7440439	Cadmium	6010A -T	mg/L	0.002	0.001		0.0014	0.001	
16	7440473	Chromium	6010A -T	mg/L	0.0075	0.005	J	1.8	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.21	0.025	

BASF - Final, Metal Analytical Results

					MW000RFIMW-27					
					A7C190143004					
					03/18/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.01	UJ		0.01	UJ
3	7440393	Barium	6010A	mg/L	0.22	0.02		0.22	0.02	
4	7439921	Lead	6010A -T	mg/L		0.006	UJ		0.006	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.01	UJ		0.01	UJ
7	7440280	Thallium	6010A -T	mg/L		0.02	U		0.02	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.049	U*	0.052	0.01	J
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	UJ		0.02	U*
15	7440439	Cadmium	6010A -T	mg/L		0.002	U		0.002	U
16	7440473	Chromium	6010A -T	mg/L	0.01	0.01	J	0.012	0.01	
17	7440360	Antimony	6010A -T	mg/L		0.01	U		0.01	U
18	57125	Total Cyanide	9012	mg/L				0.041	0.005	

					MW000RFIMW-28					
					A7C190143006					
					03/18/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.044	0.005	J	0.04	0.005	J
3	7440393	Barium	6010A	mg/L	0.041	0.01		0.067	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.0042	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.019	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.027	0.02	
14	7440666	Zinc	6010A	mg/L		0.026	U*	0.05	0.02	J
15	7440439	Cadmium	6010A -T	mg/L	0.0013	0.001		0.001	0.001	
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.013	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.01	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-29					
					A7C190143022					
					03/21/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.087	0.01		0.066	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ	0.0066	0.003	J
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.022	U*
10	7440020	Nickel	6010A	mg/L	0.72	0.04		1.1	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.04	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.23	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.0059	U*		0.006	U*
18	57125	Total Cyanide	9012	mg/L				0.01	0.005	

					MW000RFIMW-3					
					A7C190143009					
					03/19/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.014	0.005	J	0.025	0.005	J
3	7440393	Barium	6010A	mg/L	1.2	0.01		1.2	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.021	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.048	U*
10	7440020	Nickel	6010A	mg/L		0.04	U	0.047	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.043	0.02	
14	7440666	Zinc	6010A	mg/L		0.02	U*	0.11	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.033	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.005	U

BASF - Final, Metal Analytical Results

					MW000RFIMW-30					
					A7C190143017					
					03/20/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L	0.087	0.01		0.085	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L	0.027	0.005	J	0.025	0.005	J
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.012	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.032	0.005		0.061	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.052	0.005	

					MW000RFIMW-4					
					A7C190143010					
					03/19/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.17	0.005	J	0.19	0.005	J
3	7440393	Barium	6010A	mg/L	0.085	0.01		0.1	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.0043	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.017	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U	0.052	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.022	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.064	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-5					
					A7C190143014					
					03/20/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L	1.2	0.01		1.2	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	UJ	0.0054	0.005	
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		2	UJ		4	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.02	U
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.007	0.005	

					MW000RFIMW-6					
					A7C190143015					
					03/20/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U	0.00038	0.0002	
2	7440382	Arsenic	6010A -T	mg/L		0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L	0.1	0.01		0.11	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	UJ
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.029	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.011	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.012	0.005	

BASF - Final, Metal Analytical Results

					MW000RFIMW-7					
					A7C190143016					
					03/20/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L	0.086	0.01		0.091	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L	0.027	0.005		0.016	0.005	J
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.032	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L	0.031	0.005		0.023	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.047	0.005	

					MW000RFIMW-8 (MS/MSD)					
					A7C190143025					
					03/24/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.98	0.01		1.1	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	UJ		0.01	UJ
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.021	U*		0.027	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.005	U

BASF - Final, Metal Analytical Results

					MW000RFIMW-9 (MS/MSD)					
					A7C190143026					
					03/24/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.025	0.005	J	0.025	0.005	J
3	7440393	Barium	6010A	mg/L	0.22	0.01		0.21	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	UJ		0.003	UJ
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.03	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.005	U

BASF - Final, Wet Chemistry Analytical Results

					BASF					
					A7C190143					
					MW000MWPMINA			MW000P-34-N		
					A7C190143021			A7C190143005		
					03/21/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L	17	1			1	UJ

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-1			MW000RFIMW-10		
					A7C190143024			A7C190143013		
					03/24/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	UJ

					MW000RFIMW-11			MW000RFIMW-12		
					A7C190143020			A7C190143019		
					03/21/97			03/21/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U	8	1	

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-2			MW000RFIMW-22		
					A7C190143012			A7C190143008		
					03/19/97			03/17/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	UJ	3	1	J

					MW000RFIMW-23			MW000RFIMW-24		
					A7C190143011			A7C190143001		
					03/19/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	UJ		1	UJ

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-25			MW000RFIMW-26		
					A7C190143002			A7C190143003		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	UJ		1	UJ

					MW000RFIMW-27			MW000RFIMW-28		
					A7C190143004			A7C190143006		
					03/18/97			03/18/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	UJ		1	UJ

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-29			MW000RFIMW-3		
					A7C190143022			A7C190143009		
					03/21/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	UJ

					MW000RFIMW-30			MW000RFIMW-4		
					A7C190143017			A7C190143010		
					03/20/97			03/19/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	UJ

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-5			MW000RFIMW-6		
					A7C190143014			A7C190143015		
					03/20/97			03/20/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	UJ		1	UJ

					MW000RFIMW-7			MW000RFIMW-8 (MS/MSD)		
					A7C190143016			A7C190143025		
					03/20/97			03/24/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-9 (MS/MSD)		
					A7C190143026		
					03/24/97		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U

APPENDIX D

Data Validation Reports and Analytical Laboratory Data (prepared by Environmental Standards, Inc.)

(Report 35a of 36)

ENVIRONMENTAL STANDARDS

Setting the Standards for Innovative Environmental Solutions

QUALITY ASSURANCE REVIEW

OF THE BASF RCRA FACILITY INVESTIGATION

SAMPLES COLLECTED ON JUNE 2-6, 1997

IN WYANDOTTE, MICHIGAN

VOLUME I

September 15, 1997

Prepared for:

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Introduction

This quality assurance (QA) review is based upon a rigorous examination of all data generated from the analyses of the samples collected on June 2-6, 1997, as part of the BASF Corporation (BASF) Resource Conservation and Recovery Act (RCRA) Facility Investigation in Wyandotte, Michigan. The samples included in this QA review are presented on Table 1.

This review has been performed with guidance from the "National Functional Guidelines for Organic Data Review" (US EPA, 2/94), and the "National Functional Guidelines for Inorganic Data Review" (US EPA, 2/94).

The reported analytical results are presented as a summary of the data in Section 2. Data were examined to determine the usability of the analytical results and the compliance relative to the analytical requirements specified in "Test Methods for Evaluating Solid Waste" (SW-846), and the BASF RCRA Facility Investigation (RFI) Quality Assurance Project Plan (QAPP, Revision 2, May 1996). Qualifier codes have been placed next to results so the data user can quickly assess the qualitative and/or quantitative reliability of any result. This critical QA review identifies data quality issues for specific samples and specific evaluation criteria. The data qualifications allow the data end-user to best understand the usability of the analytical results. It should be understood that data that have not been qualified in this report should be considered valid based on the quality control (QC) criteria that have been reviewed. Details of this QA review are presented in the narrative section of this report. This report was prepared to provide a critical review of the laboratory analyses and reported analytical results. Rigorous QA reviews of laboratory-generated data routinely identify various problems associated with analytical measurements, even from the most experienced and capable laboratories.

TABLE 1

SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-22	A7F030144-001	A7F030144	Aq	6/2/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-01	A7F030144-002	A7F030144	Aq	6/2/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-01MS (Matrix Spike)	A7F030144-002MS	A7F030144	Aq	6/2/97	V
MW000RFIMW-01MSD (Matrix Spike Duplicate)	A7F030144-002MSD	A7F030144	Aq	6/2/97	V
MW000RFIMW-01 RE-1 (Reanalysis)	A7F030144-002RE	A7F030144	Aq	6/2/97	S
MW000RFIMW-02	A7F030144-003	A7F030144	Aq	6/2/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-02MS (Matrix Spike)	A7F030144-003MS	A7F030144	Aq	6/2/97	CN
MW000RFIMW-02MSD (Matrix Spike Duplicate)	A7F030144-003MSD	A7F030144	Aq	6/2/97	CN
TB-6/2/97 (Trip Blank)	A7F030144-004	A7F030144	Aq	6/2/97	V
MW000RFIMW-4	A7F030144-005	A7F030144	Aq	6/3/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-5	A7F030144-006	A7F030144	Aq	6/3/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-5MS (Matrix Spike)	A7F030144-006MS	A7F030144	Aq	6/3/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-5MSD (Matrix Spike Duplicate /Laboratory Duplicate)	A7F030144-006MSD	A7F030144	Aq	6/3/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-6	A7F030144-007	A7F030144	Aq	6/3/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-7	A7F030144-008	A7F030144	Aq	6/3/97	V, S, P, H, M, M*, CN, AIS

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-8	A7F030144-009	A7F030144	Aq	6/3/97	V, S, P, H, M, M*, CN, AIS
TB-6/3/97 (Trip Blank)	A7F030144-010	A7F030144	Aq	6/3/97	V
MW000RFIMW-9	A7F030144-011	A7F030144	Aq	6/4/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-9MS (Matrix Spike)	A7F030144-011MS	A7F030144	Aq	6/4/97	S
MW000RFIMW-9MSD (Matrix Spike Duplicate)	A7F030144-011MSD	A7F030144	Aq	6/4/97	S
MW000RFIMW-10	A7F030144-012	A7F030144	Aq	6/4/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-11	A7F030144-013	A7F030144	Aq	6/4/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-12	A7F030144-014	A7F030144	Aq	6/4/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-29	A7F030144-015	A7F030144	Aq	6/4/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-29MS (Matrix Spike)	A7F030144-015MS	A7F030144	Aq	6/4/97	CN
MW000RFIMW-29MSD (Matrix Spike Duplicate)	A7F030144-015MSD	A7F030144	Aq	6/4/97	CN
MW000PM1NA	A7F030144-016	A7F030144	Aq	6/4/97	V, S, P, H, M, M*, CN, AIS
RS000RFIMW-12 (Rinse Blank)	A7F030144-017	A7F030144	Aq	6/4/97	V, S, P, H, M, M*, CN, AIS
RS000RFIMW-12MS (Rinse Blank/Matrix Spike)	A7F030144-017MS	A7F030144	Aq	6/4/97	AIS
RS000RFIMW-12MSD (Rinse Blank/Matrix Spike Duplicate)	A7F030144-017MSD	A7F030144	Aq	6/4/97	AIS
TB-6/3/97 (Trip Blank)	A7F030144-018	A7F030144	Aq	6/4/97	V

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
MW000RFIMW-30	A7F030144-019	A7F030144	Aq	6/5/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-30 RE-1 (Reanalysis)	A7F030144-019RE	A7F030144	Aq	6/5/97	S
MW000RFIMW-3	A7F030144-020	A7F030144	Aq	6/5/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-23	A7F030144-021	A7F030144	Aq	6/5/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-23 RE-1 (Reanalysis)	A7F030144-021RE	A7F030144	Aq	6/5/97	S
MW000RFIMW-24	A7F030144-022	A7F030144	Aq	6/5/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-24 RE-1 (Reanalysis)	A7F030144-022RE	A7F030144	Aq	6/5/97	S
MW000RFIMW-25	A7F030144-023	A7F030144	Aq	6/5/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-25 RE-1 (Reanalysis)	A7F030144-023RE	A7F030144	Aq	6/5/97	S
MW000RFIMW-25MS (Matrix Spike)	A7F030144-023MS	A7F030144	Aq	6/5/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-25MSD (Matrix Spike Duplicate/ Laboratory Duplicate)	A7F030144-023MSD	A7F030144	Aq	6/5/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-25MS RE-1 (Reanalysis of Matrix Spike)	A7F030144-023MSRE	A7F030144	Aq	6/5/97	S
MW000RFIMW-25MSD RE-1 (Reanalysis of Matrix Spike Duplicate)	A7F030144-023MSDRE	A7F030144	Aq	6/5/97	S
MW000RFIMW-26	A7F030144-024	A7F030144	Aq	6/5/97	V, S, P, H, M, M*, CN, AIS
RS000RFIMW-26 (Rinse Blank)	A7F030144-025	A7F030144	Aq	6/5/97	V, S, P, H, M, M*, CN, AIS
RS000RFIMW-26 RE-1 (Reanalysis of Rinse Blank)	A7F030144-025RE	A7F030144	Aq	6/5/97	S

TABLE 1 (Cont.)

BASF Sample Number	Laboratory Sample Number	SDG	Matrix	Date Sampled	Parameter(s) Examined
TB-6/5/97 (Trip Blank)	A7F030144-026	A7F030144	Aq	6/5/97	V
MW000P-34-N	A7F030144-027	A7F030144	Aq	6/6/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-27	A7F030144-028	A7F030144	Aq	6/6/97	V, S, P, H, M, M*, CN, AIS
MW000RFIMW-28	A7F030144-029	A7F030144	Aq	6/6/97	V, S, P, H, M, M*, CN, AIS
TB-6/6/97 (Trip Blank)	A7F030144-030	A7F030144	Aq	6/6/97	V

NOTES:

V	Volatile Organic Compounds by SW-846 Method 8260A.
S	Semivolatile Organic Compounds by SW-846 Method 8270B.
P	Organochlorine Pesticides/PCBs by SW-846 Method 8080A
H	Chlorinated Herbicides by SW-846 Method 8150B.
M	Total Metals by SW-846 Methods 6010A and 7471A.
M*	Dissolved Metals by SW-846 Methods 6010A and 7471A.
CN	Total Cyanide by SW-846 Method 9012.
AIS	Acid-insoluble Sulfide by SW-846 Method 9030A.

Section 1 Quality Assurance Review

A. Organic Data

The organic analyses of 46 samples were performed by Quanterra Incorporated (Quanterra) of North Canton, Ohio. The samples were analyzed for volatile organic compounds (VOCs) by SW-846 Method 8260A; for semivolatile organic compounds (SVOCs) by SW-846 Method 8270B; for organochlorine pesticides and PCBs by SW-846 Method 8080A; and for chlorinated herbicides by SW-846 Method 8150B, as indicated on Table 1. The data was received in one data package. The analytical results are presented in Section 2 of this report.

The findings in this report are based upon a rigorous review of sample holding times, blank analysis results, surrogate recoveries, laboratory control sample (LCS) recoveries, matrix spike/matrix spike duplicate recoveries, gas chromatography/mass spectroscopy (GC/MS) tuning, internal standard areas, target compound matching quality, calibrations, analytical sequence, and quantitation of positive results.

Several deficiencies were identified as follows. The data reviewer has included copies of all relevant raw data, QC forms, and other documentation needed to support any changes made to the data package in the Organic Data Support Documentation (Section 3) of this report. It should be emphasized that the following items do not necessarily affect data usability. Usability issues are addressed in a subsequent section.

Correctable Deficiencies

1. For all organic fractions, the laboratory incorrectly reported a "date received" on the Form I's for all method blanks and check samples. Because these are laboratory QC samples, the "date received" is not applicable. There is no impact on data quality due to this deficiency.

2. In the volatile fraction, the laboratory incorrectly reported the sample names for samples MW000RFIMW-12, RS000RFIMW-12, MW000RFIMW-9, MW000RFIMW-10, MW000RFIMW-11, and MW000RFIMW-29 on the Volatile Organic GC/MS Tuning and Mass Calibration-Bromofluorobenzene (BFB) summary form (Form V) and on the Volatile Internal Standard Area Summary form (Form VIII) as MS000RFIMW-12, MW000RFIMW-12, MS000RFIMW-9, MS000RFIMW-10, MS000RFIMW-11, and MS000RFIMW-29. The data reviewer has corrected the Forms V and VIII and included these forms in the Organic Data Support Documentation (Section 3). There is no impact on data quality due to this issue.

3. In the volatile fraction, the laboratory did not report the start and end date and time for the initial calibrations performed on 3/6/97 from 09:34 to 11:34 and on 5/28/97 from 12:16 to 14:17 on instrument A3UX3 on the Initial Calibration Data summary forms. The data reviewer has corrected the forms and included these forms in the Organic Data Support Documentation (Section 3). There is no impact on data quality due to these deficiencies.

4. In the volatile fraction, the laboratory incorrectly reported benzene, chlorobenzene, 1,1-dichloroethene, toluene, and trichloroethene concentrations on the Check Sample Compounds Form I for work order # CA62Q102 (pg. 570) as 3,800 µg/l, 3,900 µg/l, 4,100 µg/l, 3,600 µg/l, and 4,000 µg/l, respectively. However, the laboratory did correctly report these concentrations on the SW-846 8260A Check Sample Recovery summary form (Form III, pg. 21). The correct concentrations for benzene, chlorobenzene, 1,1-dichloroethene, toluene, and trichloroethene are 3.8 µg/l, 3.9 µg/l, 4.1 µg/l, 3.6 µg/l, and 4.0 µg/l, respectively. The data reviewer has corrected the Form I and included it and its associated raw data in the Organic Data Support Documentation (Section 3). There is no impact on data usability due to this deficiency.

5. In the semivolatile fraction, the laboratory incorrectly reported the start date and time for the initial calibration performed between 5/28/97 at 11:41 and 14:00 on instrument A4EXT3 as "16-MAY-97" and "14:05", respectively, on the Initial Calibration summary forms. There is no impact on data quality due to these deficiencies.

6. In the volatile and semivolatile fractions, the reported average relative response factors (RRFs) for those compounds which are quantitated from calibration curves, are not correctly reported on the Continuing Calibration Compounds summary forms. The average RRFs are not the same as the average RRFs for these compounds reported on the Initial Calibration Data summary forms for the associated initial calibrations. Since the concentrations for all target compounds listing the incorrect average RRF are determined from a calibration curve and not from the average RRFs, there is no impact on data quality due to this deficiency.

7. On the Volatile and Semivolatile Continuing Calibration Check Form VIIs, the laboratory reported all percent differences as positive values. However, it is suggested by the percent drift equation in SW-846 protocol (SW-846 Method 8260A and 8270B) that an increase in instrument sensitivity would produce a negative percent difference. There is no impact on data quality due to this deficiency.

8. In the semivolatile fraction, the laboratory incorrectly reported the sample name for sample RS000RFIMW-12 on the Semivolatile Organic GC/MS Tuning and Mass Calibration-Decafluorotriphenylphosphine (DFTPP) summary form (Form V) and on the Semivolatile Internal Standard Area Summary form (Form VIII) as MW000RFIMW-12. The data

reviewer has corrected the Forms V and VIII and included these forms in the Organic Data Support Documentation (Section 3). There is no impact on data quality due to this issue.

9. In the semivolatile fraction, the laboratory did not summarize the internal standard areas for the Appendix IX continuing calibration standards on a Semivolatile Internal Standard Area Summary form. The data reviewer has verified that the areas of the internal standards in the project samples are within the acceptance limits of ±50% of the internal standard area in the associated continuing calibration standard. There is no impact on data usability due to this deficiency.

10. In the pesticide/PCB fraction, the laboratory incorrectly reported the response factors for the level 4 Aroclor-1242 standard analyzed on 2/28/97 at 23:06 on the Rtx®-1701 column at retention times 8.80, 11.76, 10.04, 17.14, and 18.95 minutes as 885650, 1914995, 3641822, 1494255, and 2546892, respectively, on the Initial Calibration Data summary form. As a result of this deficiency, the average RRFs and the percent relative standard deviation (%RSD) are also incorrectly reported on the Initial Calibration Data summary form. Based on the raw data in the data package provided, the correct response factors are 847897, 1576372, 3068087, 1249702, and 2059790. There is no impact on data usability since all of the corrected %RSD are within the required QC limits. The data reviewer has corrected the Initial Calibration Data summary form and included it and its associated raw data in the Organic Data Support Documentation (Section 3).

11. In the pesticide/PCB fraction, the laboratory incorrectly reported the start and end dates and times for the initial calibration performed between 2/28/97 at 15:29 and 6/4/97 at 04:57 on instrument a2hp7.i as "27-FEB-97 21:56" to "20-MAY-1997 16:59" for the Rtx®-5 column and the Rtx®-1701 column on the Initial Calibration Data summary forms. There is no impact on data quality due to this deficiency.

12. In the pesticide/PCB and herbicide fractions, the laboratory reported that the GC column was either the Rtx®-1701 or the Rtx®-5 on the Pesticide and Herbicide Analytical Sequence forms; however, the analytical sequences represent both GC columns (Rtx®-5 and Rtx®-1701) because the samples were injected onto both columns simultaneously. There is no impact on data quality due to this deficiency.

13. In the pesticide/PCB and herbicide fractions, the laboratory determined the percent differences between the continuing calibrations and the associated initial calibration by comparing the true amount found in the continuing calibration standard with the calculated amount. According to SW-846 Method 8000A (pg. 8000A-3, Sec. 7.4.2.3), the percent differences must be determined by comparing the response factors (RFs) obtained in the associated level 3 initial calibration standard (i.e., [initial calibration RF - continuing calibration RF] × 100/initial calibration RF). There is no impact on data quality.

14. The laboratory provided raw data for one toxaphene continuing calibration check standard analysis which was not reported on the analytical sequence summary form. The data reviewer has added this standard analysis to the form (included in the Organic Data Support Documentation [Section 3]) and has evaluated data quality based on the result of this standard. The recovery for toxaphene was acceptable on both of the analytical columns. There is no impact on data quality.

15. The laboratory did not include acceptance limits on the continuing calibration forms for the pesticide/PCB and herbicide fractions. The data reviewer evaluated the continuing calibrations for these fractions based on the 85-115% limits for calibrations associated with samples displaying positive results and 85-130% for calibrations associated with samples which do not exhibit positive results for the target analytes.

16. In the pesticide/PCB fraction, the laboratory incorrectly reported the sample name for sample RS000RFIMW-12 on the Pesticide Analytical Sequence (Form VIII) as MW000RFIMW-12. The data reviewer has corrected the Form VIII and included it in the Organic Data Support Documentation (Section 3). There is no impact on data quality due to this issue.

17. The chromatograph for the performance evaluation mixture (PEM) standard listed below displayed peaks within the retention time windows for *alpha*-BHC, *beta*-BHC, and *gamma*-BHC on the Rtx®-5 and/or Rtx®-1701 columns which were not integrated by the instrument software. Consequently, these compounds were reported as "not-detected" on the associated Recovery Report forms. The laboratory should have manually integrated these peaks. There is no impact on the data due to this issue because good recoveries for *alpha*-BHC and *gamma*-BHC were reported from the Rtx®-1701 and Rtx®-5 columns for the PEM.

PEM standard	Pesticide Compounds which were not Integrated	Column(s)
PEM analyzed on 6/14/97 at 16:53 PEM analyzed on 6/15/97 at 17:34 PEM analyzed on 6/19/97 at 08:10	*gamma*-BHC	Rtx®-1701
PEM analyzed on 6/16/97 at 15:02	*gamma*-BHC, *alpha*-BHC, and *beta*-BHC	Rtx®-1701
PEM analyzed on 6/16/97 at 15:02	*gamma*-BHC and *beta*-BHC	Rtx®-5

18. The chromatograph for the LCS standard (laboratory identification C9X37102) analyzed on 6/10/97 at 09:44 displayed a peak within the retention time window for the surrogate compound tetrachloro-*m*-xylene on the Rtx®-1701 column which were not integrated by the instrument software. Consequently, this compound was reported as "not-detected" on the associated Recovery Report forms. The laboratory should have manually integrated these peaks. There is no impact on the data due to this issue because a good recovery was reported from the Rtx®-5 column for this LCS standard.

19. It should be noted that the laboratory performed a 50-fold, 1000-fold, 5-fold, 5-fold, and 10-fold dilutions, respectively, on samples MW000RFIMW-22, MW000PM1NA, MW000RFIMW-30, MW000RFIMW-23, and MW000RFIMW-28, respectively, for the pesticide/PCB analysis. However, the quantitation limits of all compounds, except toxaphene, in the samples were not raised by the appropriate factors. The data reviewer has raised the quantitation limits on the data summary tables for all compounds in the samples to reflect the correct dilution factor used for the samples.

20. The laboratory analyzed two LCS/LCS duplicate (LCSD) pairs for the pesticides/PCBs analysis (laboratory identifications C9X37102 and C9X37103 and CA2KN102 and CA2KN103), but did not report the relative percent difference (RPD) between the results for the compounds in the LCS/LCSD pairs as a measure of the precision of the sample preparation and analysis process. The data reviewer has calculated the RPDs for all compounds in the LCS/LCSD pairs and has reported them on the LCSD summary forms. All RPDs were less than 20%, indicating good precision between the results.

21. In the herbicide fraction, the laboratory incorrectly stated on the laboratory Case Narrative that sample MW000RFIMW-3 exhibited a high surrogate recovery outside the required QC limits. According to the SW-846 8150B Surrogate Recovery summary form (Form II), sample MW000RFIMW-23 exhibited a high surrogate recovery outside the required QC limits. There is no impact on data usability because there are no reported positive results for herbicide compounds in sample MW000RFIMW-23.

22. It should be noted that the laboratory performed a 10-fold, 20-fold, 20-fold, and 20-fold dilutions, respectively, on samples MW000RFIMW-22, MW000RFIMW-12, MW000PM1NA, and MW000RFIMW-28, respectively, for the herbicide analysis. However, the quantitation limits of all compounds in these samples were not raised by the appropriate factors. The data reviewer has raised the quantitation limits for all compounds in the samples to reflect the correct dilution factor used for the samples on the data summary tables.

23. In the herbicide fraction, the laboratory incorrectly reported the start and end dates and times for the initial calibrations for all target compounds performed on 6/18/96 from 20:34

to 23:14 and for pentachlorophenol performed on 6/18/97 from 17:12 to 19:53 on instrument a2hph.i as "06-JUN-97 17:20" and "13-JUN-1997 01:44" on the Initial Calibration Data summary forms for both analytical columns. Finally, in the herbicide fraction, the laboratory incorrectly reported the start and end date and time for the initial calibration for all target compounds performed on 6/26/97 from 01:56 to 04:37 on instrument a2hph.i as "06-SEP-96 17:20" and "13-JUN-1997 01:44" on the Initial Calibration Data summary forms for both analytical columns. There is no impact on data quality due to these deficiencies.

24. In the herbicide fraction, the laboratory did not include the raw data for the fifth level calibration standard for pentachlorophenol analyzed on 6/18/97 at 19:53 on the Rtx®-05 column in the data package provided. The data reviewer has assumed that the average response factor and the correlation coefficient for pentachlorophenol are correct. There is no impact on data usability since the correlation coefficient is within the required QC limit.

25. The laboratory incorrectly reported the sample name for sample MW000PM1NA in the Case Narrative, the Volatile Organic GC/MS Tuning and Mass Calibration-Bromofluorobenzene (BFB) summary form (Form V VOA), the Semivolatile Organic GC/MS Tuning and Mass Calibration-Decafluorotriphenylphosphine (DFTPP) summary form (Form V SVOA), the Volatile and Semivolatile Internal Standard Area Summary forms (Form VIII VOA-1 and Form VIII SV-1), and the Pesticide and Herbicide Analytical Sequence summary forms (Form VIII) as MW000PMINA. The data reviewer has edited the forms and Case Narrative and included them in the Organic Data Support Documentation (Section 3). There is no impact on data usability due to this deficiency.

Noncorrectable Deficiencies

1. According to the laboratory Cooler Receipt Form, the project samples listed on the Chain-of-Custody Record #11827 were received at the laboratory on 6/4/96 between 7.1°C and 11.8°C. In addition, the project samples listed on Chain-of-Custody Records #26598, #26595, and #00218 were received at the laboratory on 6/5/96 between 8.7°C and 9.5°C. Finally, the project samples listed on the Chain-of-Custody Records #00219, #00220, and #00221 were received at the laboratory on 6/6/97 between 8.3°C and 12.1°C. The temperatures of the samples at 8.7°C and 9.5°C were measured "against bottles". These temperatures are above the 4±2°C required temperature for sample preservation (SW-846, Chapter Four, Table 4-1); however, in the data reviewer's opinion, the temperature reading "against bottles" is not an accurate measurement of the temperature of the actual sample bottles. The data reviewer does not consider the data for the SVOCs, pesticide/PCB compounds, and herbicides to have been impacted by the elevated cooler temperature due to the stability and chemical properties (i.e., vapor pressure, boiling point, etc.) of these

compounds at temperatures ≤ 20°C. Since the actual temperature of the samples was not measured, the data reviewer assumes the temperature against the bottles is that of the project samples. Therefore, in the data reviewer's opinion, the temperatures (>10°C) are high enough to warrant qualification of the samples for the volatile analyses. Therefore, the impact on data quality due to the elevated temperatures is addressed in the subsequent Organic Data Qualifiers section.

2. The semivolatile samples MW000RFIMW-23, MW000RFIMW-24, RS000RFIMW-26, and MW000RFIMW-25 were reextracted 9 days beyond the 7 day holding time from sample collection to extraction required for aqueous samples (SW-846, Chapter Four, Table 4-1). The impact of this deficiency on data usability is discussed in the Organic Data Qualifiers section.

3. According to the BASF RFI QAPP (Table 3-2), the laboratory was required to utilize the surrogate compounds 4-bromofluorobenzene, toluene-d_8, and dibromofluoromethane in the samples analyzed by SW-846 Method 8260A. However, the laboratory utilized the surrogate compound 1,2-dichloroethane-d_4 instead of the surrogate compound dibromofluoromethane in the samples analyzed by SW-846 Method 8260A. There is no impact on data usability due to this issue.

4. For the pesticide/PCB fraction, poor continuing calibration recoveries (<85% or >130%) were observed for Aroclor-1221, on both analytical columns, in the continuing calibration standard 2154 B518 analyzed on 6/7/97 at 21:48. According to the QAPP (Table 6-1), if the continuing calibration standard fails to meet the acceptance criteria, a recovery between 85-130% for not-detected compounds, the laboratory must take corrective action (i.e., recalibrate) and reanalyze the impacted samples. According to the raw data, the laboratory did not do this. The impact on data quality is addressed in the subsequent Organic Data Qualifiers section.

5. For the pesticide/PCB fraction, the laboratory did not reextract and reanalyze all of the project samples, except MW000PM1NA, RS000RFIMW-12, RS000RFIMW-26, MW000RFIMW-30, MW000RFIMW-23, MW000RFIMW-28, and MW000RFIMW-22, when the surrogate recoveries are outside the required QC limits. According to the Gas Chromatographic Analysis Based on Method 8080A (standard operating procedure [SOP] NO. CORP-GC-0001, pg. 7 of 27, Sec. 9.4), ". . . when the surrogate recoveries fail the required QC limits, reprepare and reanalyze the associated samples." The impact on data usability is addressed in the subsequent Organic Data Qualifiers section.

6. For the herbicide fraction, the laboratory did not reanalyze sample MW000RFIMW-23 when the surrogate recovery was outside the required QC limits. According to the

Herbicides Based on Method 8150A/8151 (SOP No. LM-WALN-4110, pg. 21 of 37, Sec. 11.4.2.1), ". . . when the surrogate recovery fails the required QC limits, reanalyze the associated samples." The impact on data usability is addressed in the subsequent Organic Data Qualifiers section.

Comments

1. The precision and accuracy QC limits reported by the laboratory on the matrix spike and LCS forms and the QC limits reported by the laboratory for all surrogate compounds on the Surrogate Recovery Forms differ from those reported on Tables 3-1 and 3-2 of the BASF QAPP. Upon investigation as to why the QC limits differ, it was discovered that the laboratory limits are subject to change and that those limits reported in the QAPP reflect the laboratory QC limits at the time the QAPP was prepared. Discussions between representatives from Quanterra and US EPA Region V have resulted in an agreement that the laboratory's recovery limits are subject to change and that Tables 3-1 and 3-2 of the BASF QAPP are in the process of being updated to reflect this situation. The laboratory-reported recovery limits (not the limits specified on Tables 3-1 and 3-2 of the BASF QAPP [Revision 2, May 1996]) have been used to assess data quality. Refer to Section 6 of this report for documentation regarding this issue.

2. As stated in the laboratory Case Narrative for the volatile fraction, samples MW000RFIMW-22, MW000RFIMW-11, MW000RFIMW-28, and MW000PM1NA were received at the laboratory with a pH value > 2.0. Also as stated on the Chain-of-Custody Record, samples MW000RFIMW-1, MW000RFIMW-2, MW000RFIMW-5, MW000RFIMW-7, MW000RFIMW-27, MW000P-34-N, MW000RFIMW-9, MW000RFIMW-12, MW000RFIMW-30, MW000RFIMW-3, and MW000RFIMW-23 were received at the laboratory with a pH value > 2.0.

3. As stated on the Chain-of-Custody Record, samples MW000RFIMW-22, TB-6/2/97, and TB-6/3/97 were received on 6/3/97 and 6/5/97 at the laboratory containing headspace.

4. As stated in the laboratory Case Narrative for the volatile fraction, samples MW000RFIMW-12, MW000RFIMW-22, and MW000PM1NA were analyzed at a dilution due to foaming. The quantitation limits were raised accordingly.

5. According to the laboratory Case Narrative for the volatile fraction, samples MW000RFIMW-7 and MW000RFIMW-30 were analyzed at 5-fold and 2.5-fold dilutions due to high concentrations of tentatively identified compounds (TICs). The quantitation limits were raised accordingly.

6. According to the laboratory Case Narrative, the semivolatile sample MW000RFIMW-22 exhibited elevated detection limits due to matrix interference.

7. According to the laboratory Case Narrative for the semivolatile fraction, two analyses were reported for samples MW000RFIMW-1 and MW000RFIMW-30 due to high analyte concentrations.

8. It was noted during the data review process that the laboratory reported the volatile compound 2-butanone as methyl ethyl ketone on the Analysis Data summary form (Form I).

9. In the volatile and semivolatile fractions, internal standard (IS) areas and retention times (RTs) for the continuing calibration standards used for the quantitation of the additional Appendix IX compounds were not listed on the associated Form VIII VOA and Form VIII SV-1. The data reviewer has compared the IS areas and RTs of the samples in the sample delivery group (SDG) to the IS areas and RTs of these continuing calibration standards and has confirmed that the IS areas and RTs of all samples were acceptable for both fractions. There is no impact on data usability due to this deficiency.

10. In the semivolatile fraction, the compounds 3-methylphenol and 4-methylphenol could not be separated chromatographically nor differentiated spectrally for samples MW000RFIMW-2, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-12, MW000PM1NA, MW000RFIMW-30, MW000RFIMW-30-RE-1, and MW000RFIMW-28. The impact on the semivolatile data quality due to this issue is addressed in the Organic Data Qualifiers section.

11. In the semivolatile analysis, the relative abundance for m/e 365 in the Semivolatile Organic GC/MS Tune (Decafluorotriphenylphosphine) analyzed on June 23, 1997 at 20:31 was 1.0%. As per the ion abundance criteria listed on Form V, the m/e relative abundance should be greater than 1.0%. However, according to Quanterra Standard Operating Procedure (SOP No. CORP-MS-0001, Table 6), the relative abundance for m/e 365 should be > 1%. The data reviewer recalculated the relative abundance for the aforementioned tune and the result obtained was 1.03%. It is the data reviewer's opinion that because the relative abundance is greater than 1%, data quality is not impacted.

12. In the semivolatile fraction, samples MW000RFIMW-1 and MW000RFIMW-30 were analyzed at secondary dilutions due to semivolatile compounds exceeding the calibration range of the instrument. In sample MW000RFIMW-1, the semivolatile compound 1,4-dioxane exceeded the calibration range and in sample MW000RFIMW-30, the semivolatile compounds 2-methylnaphthalene and phenol exceeded the calibration ranges. The impact on data usability is addressed in the subsequent Organic Data Qualifiers section.

13. It was noted in the data review process for the semivolatile fraction that samples MW000RFIMW-7 and MW000RFIMW-12 were analyzed at 2-fold and 10-fold dilutions.

14. In the pesticide fraction, the laboratory reported the quantitation limit for toxaphene as 1.2 µg/l instead of the QAPP-required 1.0 µg/l (Table 7-4). In discussions with the laboratory, it was discovered that the laboratory's lowest reporting limit for toxaphene (aqueous) is 1.2 µg/l and that reporting below 1.2 µg/l could not be done reliably. Therefore, the reporting limit of 1.2 µg/l, instead of the QAPP-required reporting limit of 1.0 µg/l, is present on the organic data tables (Section 2).

15. According to the laboratory Case Narrative for the pesticide/PCB fraction, samples MW000RFIMW-22, MW000PM1NA, MW000RFIMW-30, and MW000RFIMW-28 were analyzed as dilutions due to extreme matrix interferences. The quantitation limits were raised accordingly.

16. In the herbicide and pesticide/PCB fractions, the laboratory did not report the QC limits for the recovery of the continuing calibration standards on the Recovery Report summary forms. The data reviewer used the QC limits of 85-115% for compounds with concentrations above the quantitation limits and 85-130% for "not-detected" compounds, as listed in the BASF RFI QAPP (Table 6-1), to evaluate the data.

17. In the pesticide/PCB fraction, the laboratory reported the recoveries for the surrogate compounds from the Rtx®-5 column for all of the project samples, except for MW000RFIMW-22, MW000RFIMW-1, MW000RFIMW-2, the method blank (laboratory identification C9X37101), the LCS (laboratory identification C9X37102), and the LCSD (laboratory identification C9X37103). It should be noted that, according to the analytical method, the laboratory is apparently free to choose which column to call the primary column and which to call the confirmation column, as long as the columns display acceptable performance.

18. As stated in the Case Narrative for Lot # A7F030144, samples MW000PM1NA, MW000RFIMW-30, MW000RFIMW-23, MW000RFIMW-28, and MW000RFIMW-22 were diluted by a factor of 1000-fold, 5-fold, 5-fold, 10-fold, and 50-fold, respectively, in the pesticide/PCB analysis due to matrix interference in the samples. Consequently, the recoveries for the surrogate compounds tetrachloro-*m*-xylene and decachlorobiphenyl were not used to qualify analytical results.

19. As stated in the Case Narrative for Lot #A7F030144, samples MW000RFIMW-12, MW000PM1NA, MW000RFIMW-28, and MW000RFIMW-22 were diluted by a factor of 20-fold, 20-fold, 20-fold, and 10-fold, respectively, in the herbicide analysis

due to matrix interference in the samples. Consequently, the recoveries for the surrogate compound 2,4-dichlorophenylacetic acid were not used to qualify analytical results.

20. In the herbicide fraction, the laboratory reported the recoveries for the surrogate compounds from the Rtx®-1701 column for all of the project samples except for MW000RFIMW-9, MW000RFIMW-10, MW000RFIMW-11, MW000RFIMW-12, MW000RFIMW-29, MW000PM1NA, RS000RFIMW-12, MW000RFIMW-30, MW000RFIMW-3, MW000RFIMW-23, MW000RFIMW-28, MW000RFIMW-22, and MW000RFIMW-1. It should be noted that, according to the analytical method, the laboratory is apparently free to choose which column to call the primary column and which to call the confirmation column, as long as the columns display acceptable performance.

21. In the semivolatile fraction, the laboratory did not include the manual integration chromatograms for diphenylamine in the standard SSTD160 analyzed on 5/16/97 at 16:25 and for *N*-nitrosomethylethylamine in the standard 3AL0528 analyzed on 5/28/97 at 12:50 in the data package provided. Upon Environmental Standards request, the laboratory submitted the missing information which is included in the Project Correspondence (Section 6).

22. In the pesticide/PCB fraction, the laboratory did not include the raw data for the Aroclor-1248 initial calibration analyzed on 6/18/97 from 06:44 to 09:55 and the Aroclor-1254 and Aroclor-1221 initial calibrations analyzed on 6/18/97 from 10:42 to 13:52 in the data package provided. Upon Environmental Standards request, the laboratory submitted the missing information which is included in the Project Correspondence (Section 6).

With regard to data usability, the principal areas of concern include exceeded holding times, calibration issues, blank contamination, elevated temperatures upon receipt at the laboratory, headspace in the project sample vials, low matrix spike duplicate recoveries, low surrogate recoveries, poor matrix spike/matrix spike duplicate precision, concentrations exceeding the calibration range, large differences between chromatographic columns, and quantitation of positive results below the quantitation limit. Based upon a review of the data package provided, the following data qualifiers are offered. It should be noted that the following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the following data usability issues should <u>not</u> necessarily be construed as an indication of laboratory performance.

Organic Data Qualifiers

- Due to the trace-level presence of methylene chloride, acetone, chloroform, and phenol in the associated trip, rinse, and/or laboratory blanks, the positive results for methylene chloride, acetone, chloroform, and phenol in the samples listed below should be considered "not-detected" and has been flagged "U*" on the data tables. Furthermore, the result that was reported below the sample-specific quantitation limit was replaced with the quantitation limit and the appropriate "U*" qualifier.

Analyte	Sample(s) With Results Qualified as "Not-Detected" ("U*")
chloroform	MW000RFIMW-29
methylene chloride	MW000RFIMW-1, MW000RFIMW-3, MW000RFIMW-30, MW000RFIMW-23, MW000RFIMW-24, MW000RFIMW-25, and MW000RFIMW-26
acetone	MW000RFIMW-22, MW000RFIMW-2, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-29, MW000RFIMW-30, and MW000RFIMW-3
phenol	MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-12, MW000RFIMW-30, and MW000RFIMW-30-RE-1

- Although there is no direct reason to qualitatively question the positive results for acetone in samples RS000RFIMW-12, RS000RFIMW-26, and TB-6/2/97; for toluene in samples MW000RFIMW-22, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-30, and MW000RFIMW-3; for methylene chloride in samples RS000RFIMW-12, TB-6/4/97, RS000RFIMW-26, TB-6/5/97, and TB-6/6/97; for 2-butanone in samples TB-6/2/97 and MW000RFIMW-5; and for bis(2-ethylhexyl)phthalate in samples MW000RFIMW-5, MW000RFIMW-9, MW000RFIMW-11, MW000RFIMW-30, MW000RFIMW-24, MW000RFIMW-24-RE-1, MW000RFIMW-27, MW000RFIMW-3, and MW000RFIMW-23-RE-1, these compounds are very common laboratory and/or field contaminants. Accordingly, caution should be exercised when using these results.

- The analyses for all VOCs in samples TB-6/2/97, TB-6/3/97, and MW000RFIMW-22 are unusable, and the "not-detected" results have been flagged "UR" on the data tables. In

addition, the reported positive results for acetone in MW000RFIMW-22 and TB-6/2/97; for benzene, chlorobenzene, toluene, and vinyl chloride in sample MW000RFIMW-22; and for methylene chloride and methyl ethyl ketone in sample TB-6/2/97 should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Headspace was observed in the sample vials of these samples which might have caused volatilization of the target compounds.

- The actual quantitation limits for the acid compounds in the semivolatile analysis of samples MW000RFIMW-23 and MW000RFIMW-24 are unusable, and the "not-detected" results have been flagged "UR" on the data tables. Very low recoveries (<10%) were reported for the surrogate compounds phenol-d_5 and 2-fluorophenol in the analyses of samples MW000RFIMW-23 and MW000RFIMW-24.

- The analyses for acrolein, acetonitrile, acrylonitrile, isobutyl alcohol, propionitrile, and methacrylonitrile in all samples; for acetone in all samples, except MW000RFIMW-22, MW000RFIMW-2, TB-6/2/97, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-29, RS000RFIMW-12, MW000RFIMW-30, MW000RFIMW-3, and RS000RFIMW-26; and for methyl ethyl ketone (2-butanone) in all samples, except MW000RFIMW-5 and TB-6/2/97 are unusable, and the "not-detected" results have been flagged "UR" on the data tables. In addition, the reported positive result for acetone in samples MW000RFIMW-22, MW000RFIMW-2, TB-6/2/97, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-29, RS000RFIMW-12, MW000RFIMW-30, MW000RFIMW-3, and RS000RFIMW-26; and for methyl ethyl ketone (2-butanone) in samples MW000RFIMW-5 and TB-6/2/97 should be considered estimated and has been flagged "J" (unless previously flagged "U*") on the data tables. Very low (<0.05) RRFs were observed for these compounds in the associated initial and/or continuing calibration standards.

- The actual quantitation limits for 1,3,5-trinitrobenzene in all samples are unusable, and the "not-detected" results have been flagged "UR" on the data tables. A very low (<0.05) RRF was observed for 1,3,5-trinitrobenzene in the associated continuing calibration standards.

- The actual quantitation limits for all pesticide/PCB compounds in sample MW000RFIMW-12 are unusable, and the "not-detected" results have been flagged "UR" on the data tables. A very low recovery (<10%) was observed for the surrogate compound decachlorobiphenyl in the analysis of this sample.

- The actual quantitation limits for 2-chlorophenol in samples MW000RFIMW-25 and MW000RFIMW-25-RE-1 and for pentachlorophenol and phenol in sample

MW000RFIMW-25-RE-1 may be higher than reported, and the "not detected" results have been flagged "UR" on the data tables. Very low recoveries (<10%) were observed for 2-chlorophenol, pentachlorophenol, and phenol in the associated matrix spike and/or matrix spike duplicate analyses.

- The actual quantitation limits for Aroclor-1221 in samples MW000RFIMW-22, MW000RFIMW-1, and MW000RFIMW-2 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. A low recovery (< 85%), coupled with a decrease in instrument sensitivity on both analytical columns, was observed for Aroclor-1221 in the associated continuing calibration standard.

- The actual quantitation limits for *gamma*-chlordane in sample MW000RFIMW-2; for *beta*-BHC and dieldrin in sample MW000RFIMW-22; and for *delta*-BHC, heptachlor epoxide, methoxyclor, and isodrin in sample MW000RFIMW-1 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Low recoveries (<85%), coupled with decreases in instrument sensitivity on the non-compliant column, were observed for these compounds in the associated continuing calibration standards.

- The analyses for all semivolatile compounds in samples MW000RFIMW-23-RE-1, MW000RFIMW-24-RE-1, MW000RFIMW-25-RE-1, and RS000RFIMW-26-RE-1 may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. In addition, the reported positive results for phenol in sample RS000RFIMW-26-RE-1; for bis(2-ethylhexyl)phthalate in sample MW000RFIMW-24-RE-1; and for acenaphthylene, acetophenone, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene in sample MW000RFIMW-23-RE-1 should be considered estimated and have been flagged "J" on the data tables. The samples were extracted beyond the seven day holding time from sample collection to extraction.

- The quantitation limits for all pesticide/PCB compounds in all of the project samples except MW000RFIMW-12, MW000PM1NA, RS000RFIMW-12, RS000RFIMW-26, MW000RFIMW-30, MW000RFIMW-23, MW000RFIMW-28, and MW000RFIMW-22 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Low recoveries (<60%) were reported for surrogate compound decachlorobiphenyl on both analytical columns for these samples.

- The actual quantitation limits for the compounds listed in the samples below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR") on the data tables. In addition, the reported positive results for carbon

disulfide in samples MW000RFIMW-1 and MW000RFIMW-4 and for 1,1-dichloroethene in sample MW000RFIMW-7 should be considered estimated and have been flagged "J" on the data tables. High percent drifts (>25%) were observed for these compounds in the associated continuing calibration standard.

Compound(s)	Samples
bromomethane and acrolein	all samples
propionitrile	TB-6/2/97, MW000P-34-N, MW000RFIMW-27, MW000RFIMW-28, and TB-6/6/97
methyacrylonitrile	MW000RFIMW-29, MW000PM1NA, and RS000RFIMW-12
iodomethane	MW000RFIMW-2, MW000RFIMW-22, MW000RFIMW-1, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-8, TB-6/3/97, MW000RFIMW-9, MW000RFIMW-10, MW000RFIMW-11, TB-6/4/97, and MW000RFIMW-7
acetonitrile	MW000RFIMW-2, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-8, TB-6/3/97, MW000RFIMW-9, MW000RFIMW-10, MW000RFIMW-11, TB-6/4/97, and MW000RFIMW-7
1,1-dichloroethene	MW000RFIMW-22, MW000RFIMW-1, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-8, TB-6/3/97, MW000RFIMW-9, MW000RFIMW-10, MW000RFIMW-11, and TB-6/4/97

Compound(s)	Samples
a,a-dimethylphenethylamine	MW000RFIMW-9, MW000RFIMW-10, MW000RFIMW-11, MW000RFIMW-29, RS000RFIMW-12, MW000RFIMW-3, MW000RFIMW-30, MW000PM1NA, MW000RFIMW-12, MW000RFIMW-25, MW000RFIMW-26, RS000RFIMW-26, MW000RFIMW-34-N, MW000RFIMW-30-RE-1, MW000RFIMW-24, MW000RFIMW-23, MW000RFIMW-27, MW000RFIMW-28, RS000RFIMW-1-RE-1, MW000RFIMW-25-RE-1, RS000RFIMW-26-RE-1, MW000RFIMW-24-RE-1, and MW000RFIMW-23-RE-1
carbon disulfide	MW000RFIMW-22, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-8, TB-6/3/97, MW000RFIMW-9, MW000RFIMW-10, MW000RFIMW-11, TB-6/4/97, and MW000RFIMW-7
4-nitroquinoline-1-oxide	MW000RFIMW-9, MW000RFIMW-10, MW000RFIMW-11, MW000RFIMW-29, RS000RFIMW-12, MW000RFIMW-3, MW000RFIMW-30, MW000PM1NA, MW000RFIMW-12, MW000RFIMW-8, MW000RFIMW-6, MW000RFIMW-2, MW000RFIMW-4, MW000RFIMW-22, MW000RFIMW-7, MW000RFIMW-1, and MW000RFIMW-5
5-nitro-*o*-toluidine	MW000RFIMW-25, MW000RFIMW-26, RS000RFIMW-26, MW000P-34-N, MW000RFIMW-30-RE-1, MW000RFIMW-24, MW000RFIMW-23, and MW000RFIMW-1-RE-1
pentachloronitrobenzene	MW000RFIMW-8, MW000RFIMW-6, MW000RFIMW-2, MW000RFIMW-4, MW000RFIMW-22, MW000RFIMW-7, MW000RFIMW-1, MW000RFIMW-5, and MW000RFIMW-1-RE-1
4-nitrophenol and diethylphthalate	MW000RFIMW-27 and MW000RFIMW-28

Compound(s)	Samples
hexachloropropene	MW000RFIMW-8, MW000RFIMW-6, MW000RFIMW-2, MW000RFIMW-4, MW000RFIMW-22, MW000RFIMW-7, MW000RFIMW-1, and MW000RFIMW-5
phenacetin, *p*-chlorobenzilate, and diallate	MW000RFIMW-25-RE-1, RS000RFIMW-26-RE-1, MW000RFIMW-24-RE-1, and MW000RFIMW-23-RE-1

- The actual quantitation limit for 4-chloro-3-methylphenol in sample MW000RFIMW-25-RE-1 may be higher than reported, and the "not-detected" result has been flagged "UJ" on the data tables. A low recovery (10% ≤ %R < lower control limit) was observed for 4-chloro-2-methylphenol in the associated matrix spike analysis.

- The actual quantitation limit for *gamma*-BHC (lindane) in sample MW000RFIMW-5 may be higher than reported, and the "not-detected" result has been flagged "UJ" on the data tables. A low recovery (10% ≤ %R < lower control limit) was observed for *gamma*-BHC in the associated matrix spike analysis.

- The actual quantitation limits for all VOCs in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "UR" or "U*") on the data tables. In addition, the reported positive results for acetone, methylene chloride, carbon disulfide, benzene, toluene, 1,2-dichloropropane, ethylbenzene, *o*-xylene, *m,p*-xylene, 1,1-dichloroethane, 1,1-dichloroethene, and 1,1,1-trichloroethane, methyl ethyl ketone, 1,2-dichloroethane, chlorobenzene, and chloroform in the samples listed below should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. The temperatures of the associated coolers upon receipt at the laboratory were 11.8°C and 12.1°C.

Analyte	Sample(s) With Biased Quantitation Limits ("UJ")	Sample(s) With Estimated Positive Results ("J")
all VOCs	MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-8, MW000RFIMW-30, MW000RFIMW-3, MW000RFIMW-23, MW000RFIMW-24, MW000RFIMW-25, MW000RFIMW-26, RS000RFIMW-26, and TB-6/5/97	-

Analyte	Sample(s) With Biased Quantitation Limits ("UJ")	Sample(s) With Estimated Positive Results ("J")
acetone	-	MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-30, MW000RFIMW-3, and RS000RFIMW-26
methylene chloride	-	MW000RFIMW-30, MW000RFIMW-3, MW000RFIMW-23, MW000RFIMW-24, MW000RFIMW-25, MW000RFIMW-26, RS000RFIMW-26, and TB-6/5/96
carbon disulfide	-	MW000RFIMW-4 and MW000RFIMW-3
benzene	-	MW000RFIMW-5, MW000RFIMW-30, and MW000RFIMW-23
toluene	-	MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-30, and MW000RFIMW-3
1,2-dichloropropane	-	MW000RFIMW-5 and MW000RFIMW-6
ethylbenzene, *o*-xylene, *m,p*-xylene, 1,1-dichloroethane, 1,1-dichloroethene, and 1,1,1-trichloroethane	-	MW000RFIMW-7 and MW000RFIMW-30
methyl ethyl ketone	-	MW000RFIMW-5
1,2-dichloroethane	-	MW000RFIMW-6
chlorobenzene	-	MW000RFIMW-23
chloroform	-	RS000RFIMW-26

- The reported positive result for phenol in sample MW000RFIMW-5 should be considered estimated and has been flagged "J" (unless previously flagged "U*") on the data tables. Poor precision was observed between the associated matrix spike and matrix spike duplicate samples.

- The compounds 4-methylphenol and 3-methylphenol were not resolved under the chromatography conditions for samples MW000RFIMW-2, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-12, MW000PM1NA, MW000RFIMW-30, MW000RFIMW-30-RE-1, and MW000RFIMW-28. In addition, these isomers have indistinguishable mass spectra. The laboratory calculated and reported the values for these coeluting isomers as both 3-methylphenol and 4-methylphenol on the Form I's. Because each of the reported 3-methylphenol and 4-methyphenol results for the aforementioned samples may represent the concentration of both isomers or of only one isomers, these positive results for 3-methylphenol and 4-methylphenol should be considered estimated and presumptively present and have been flagged "JN" on the data tables. The Environmental Standards data reviewer included the quantitation reports and appropriate chromatograms in the Organic Data Support Documentation (Section 3).

- The reported positive results for 1,4-dioxane in sample MW000RFIMW-1 and for 2-methylnaphthalene and phenol in sample MW000RFIMW-30 should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. The on-column concentrations of these compounds exceeded the calibration ranges of the instrument.

- The reported positive result for 2,4,5-TP (silvex) in sample MW000RFIMW-22 should be considered estimated and has been flagged "J" on the data tables. A large difference (>50%) was observed for silvex between the chromatographic columns.

- The reported positive result for 2,4,5-TP (silvex) in sample MW000RFIMW-22 should be considered estimated and has been flagged "J" on the data tables. A high recovery (>115%), coupled with an increase in instrument sensitivity, was observed for silvex in the associated continuing calibration standards.

- According to reporting conventions, the positive results for compounds reported below the sample-specific quantitation limit should be considered estimated and have been flagged "J" on the data tables.

A complete data support documentation of this organic QA review is provided in Section 3 of this report. The cover sheet for this section is a checklist of all the QA procedures required by the analytical protocols and examined in this data review.

B. Inorganic and Wet Chemistry Data

The inorganic and wet chemistry analyses of 29 samples (including QC samples) were performed by Quanterra. These samples were collectively analyzed for total and dissolved metals by SW-846 Methods 6010A and 7470; for total cyanide by SW-846 Method 9012; and for acid-insoluble sulfide by SW-846 Method 9030A, as specified in Table 1. The data was received in one data package. The analytical results are presented in Section 2 of this report.

The findings in this report are based upon a rigorous review of sample holding times, condition of samples upon receipt, blank analysis results, LCS recoveries, matrix spike and matrix spike duplicate recoveries, serial dilution results, inductively coupled plasma (ICP) interference check samples, instrument sensitivity, instrument detection limits (IDLs), calibrations, contract-required detection limit (CRDL) standards, sample preparation, total versus dissolved sample results, and the quantitation of positive results.

Several deficiencies were identified. The data reviewer has included copies of all relevant raw data, QC forms, and other documentation needed to support any changes made to the data package in the Inorganic and Wet Chemistry Data Support Documentation (Section 4) of this report. It should be emphasized that the following items do not necessarily affect data usability. Usability issues are addressed in a subsequent section.

Correctable Deficiencies

1. The laboratory incorrectly reported the dilution factor on the Matrix Spike (MS) Sample Evaluation Report summary form as 1.0 for the total cyanide analysis for MS Lot-Sample # A7F030144-023. According to the raw data, the correct dilution factor is 10.0. Also the laboratory incorrectly reported the dilution factor on the General Chemistry Analysis Data summary form for sample MW000RFIMW-26 as 1.0 for the total cyanide analysis. According to the raw data, the correct dilution factor is 5.0. The data reviewer has corrected the forms and included them and the associated raw data in the Inorganic and Wet Chemistry Data Support Documentation (Section 4). Data quality is not impacted due to this issue.

2. The laboratory reported the incorrect analysis times on the analysis run log for a majority of the project samples, as well as QC samples, run for tin on the ICP instrument ARL/I4. The data reviewer has corrected the times based on the raw data and included the analysis run log in the Inorganic and Wet Chemistry Data Support Documentation (Section 4). Data quality is not impacted due to this issue.

3. The laboratory incorrectly calculated and reported the matrix spike and matrix spike duplicate recoveries for sample MW000RFIMW-5 on the Matrix Spike Sample Data Report summary form as 0%. According to the Matrix Spike Sample Data Report summary form the correct recoveries are 100% for both the matrix spike and matrix spike duplicate analyses. There is no impact on data usability due to this deficiency.

4. The laboratory incorrectly calculated and reported the matrix spike and matrix spike duplicate recoveries and the RPD for the matrix spike and matrix spike duplicate performed on sample MW000RFIMW-25 on the Matrix Spike Sample Data Report summary form as 67%, 55%, and 1.5%RPD, respectively. According to the Matrix Spike Sample Data Report summary form the correct recoveries for the matrix spike and matrix spike duplicate are 100% and 50%, respectively, and the correct RPD is 66.7%RPD. The impact on data usability is addressed in the subsequent Inorganic and Wet Chemistry Data Qualifiers section.

Noncorrectable Deficiencies

1. According to the laboratory Cooler Receipt Form, the project samples listed on Chain-of-Custody Record #11827 were received at the laboratory on 6/4/96 between 7.1°C and 11.8°C. In addition, the project samples listed on Chain-of-Custody Records #26598, #26595, and #00218 were received at the laboratory on 6/5/96 between 8.7°C and 9.5°C. Finally, the project samples listed on Chain-of-Custody Records #00219, #00220, and #00221 were received at the laboratory on 6/6/97 between 8.3°C and 12.1°C. The temperatures of the samples at 8.7°C and 9.5°C were measured "against bottles". These temperatures are above the 4±2°C required temperature for sample preservation (SW-846, Chapter Two, Table 2-16); however, in the data reviewer's opinion, the temperature reading "against bottles" is not an accurate measurement of the temperature of the actual sample bottles. In the data reviewer's opinion, the temperature is high enough to warrant qualification of the samples analyzed for cyanide. Since the actual temperature of the samples was not measured, the data reviewer assumes the temperature against the bottles is that of the project samples. The impact on the cyanide data quality due to the elevated temperature is addressed in the subsequent Inorganic and Wet Chemistry Data Qualifiers section.

2. The laboratory analyzed samples MW000RFIMW-5MS RE and MW000RFIMW-5MSD RE 2 days beyond the 7 day holding time from sample collection to sample analysis. According to the analytical method Sulfide (SOP No. # NC-WC-0060, pg. 6 of 13, Sec. 8.1), all sulfide samples are to be analyzed within 7 days from sample collection to sample analysis. Since the affected samples are QC samples and all project samples were analyzed within the required holding time, there is no impact on data usability.

Comments

1. The laboratory used the IDLs to determine the "not-detected" results for the calibration blanks, while the project-required reporting limits were used to determine the "not-detected" results for the laboratory preparation blanks and the project samples.

2. According to the raw data, cadmium contamination was observed in the stock solution used to prepare the ICP interference check sample solution (ICSA); therefore, the data reviewer did not use the positive results for cadmium in the ICSA to evaluate the analytical data for positive interference.

3. The project samples MW000RFIMW-22, MW000RFIMW-23, MW000RFIMW-24, and MW000RFIMW-25 were analyzed for cyanide at a 500-fold, 25-fold, 10-fold, and 10-fold dilutions due to matrix interference. Also, the project samples MW000PMINA(U&F) were analyzed for zinc at a 2-fold dilution due to matrix interference. The reporting limits for the aforementioned analyte in these samples were raised accordingly.

4. The laboratory did not report the results for the interfering elements (Al, Ca, Fe, and Mg) on the ICP Interference Check Sample summary form (Form IV). The interfering elements are not target analytes for these samples; however, the observed concentrations are reported by the laboratory in the raw data. The data reviewer has evaluated the samples for these interfering elements.

5. It was noted during the data review process that the laboratory performed a matrix spike and matrix spike duplicate analysis on the rinse blank RS000RFIMW-12 in the acid-insoluble sulfide fraction.

6. The laboratory did not report the initial and final volumes on the digestion logs provided in the data package. Upon Environmental Standards request, the laboratory submitted the missing information which is included in the Project Correspondence (Section 6).

With regard to data usability, the principal areas of concern include blank contamination, high sample cooler temperature upon receipt at the laboratory, poor CRDL standard recoveries, ICP interference, poor matrix spike and matrix spike duplicate recoveries, poor laboratory duplicate precision between the matrix spike and matrix spike duplicate, high relative standard deviations between ICP multiple exposures, ICP serial dilution results, and dissolved metals concentrations greater than total metals concentrations. Based upon a review of the data package provided, the following data qualifiers are offered. It should be noted that the following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to the sample matrix problems. Similarly, the validation

guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the following data usability issues should not necessarily be construed as an indication of laboratory performance.

Inorganic and Wet Chemistry Data Qualifiers

- Due to the trace-level presence of antimony, copper, zinc, thallium, chromium, and acid-insoluble sulfide in the laboratory and/or rinse blanks, the positive results for antimony, copper, zinc, thallium, chromium, and acid-insoluble sulfide in the following samples should be considered "not-detected" and have been flagged "U*" on the data tables.

Analyte	Samples With Positive Results Qualified as "Not-Detected" ("U*")
copper	MW000RFIMW-9(U&F), MW000RFIMW-22(U), MW000RFIMW-1(U&F), MW000RFIMW-2(F), MW000RFIMW-4(U), MW000RFIMW-7(U&F), MW000RFIMW-8(U), MW000RFIMW-5(U&F), MW000RFIMW-6(U), MW000RFIMW-12(U&F), MW000RFIMW-29(U), MW000PM1NA(F), MW000RFIMW-24(U), MW000RFIMW-30-(U&F), MW000RFIMW-3(F), MW000RFIMW-23(U&F), MW000RFIMW-26(F), MW000P-34-N(F), MW000RFIMW-27(U&F), and MW000RFIMW-28(F)
zinc	MW000RFIMW-9(U&F), MW000RFIMW-10(U), MW000RFIMW-22(U&F), MW000RFIMW-1(U&F), MW000RFIMW-2(U&F), MW000RFIMW-4(U&F), MW000RFIMW-7(U&F), MW000RFIMW-8(U), MW000RFIMW-5(U), MW000RFIMW-6(U), MW000RFIMW-11(U&F), MW000RFIMW-12(U&F), MW000RFIMW-29(U&F), MW000PMINA(U&F), MW000RFIMW-24(U), MW000RFIMW-30(U&F), MW000RFIMW-3(F), MW000RFIMW-25(U&F), MW000RFIMW-23(U&F), MW000RFIMW-26(U&F), MW000P-34-N(U&F), MW000RFIMW-27(F), and MW000RFIMW-28(U&F)
thallium	MW000RFIMW-1(F) and MW000RFIMW-2(U)
antimony	MW000RFIMW-11(U), MW000RFIMW-29(U), MW000PM1NA(U&F), and MW000RFIMW-26(U)

Analyte	Samples With Positive Results Qualified as "Not-Detected" ("U*")
chromium	MW000RFIMW-27(F)
acid-insoluble sulfide	MW000RFIMW-2 and MW000RFIMW-12

- The reported positive results for zinc in samples MW000RFIMW-4(U&F), MW000RFIMW-12(U&F), and RS000RFIMW-12(F) and for nickel in sample MW000RFIMW-24(U&F) should be considered unreliable and have been flagged "R" (unless previously flagged "U*") on the data tables. A comparison of the total metal results and dissolved metal results revealed dissolved metal results which were significantly greater than the total metal results for this analyte.

- The actual detection limits for tin in all total and dissolved samples and for arsenic in samples MW000RFIMW-29(F), RS000RFIMW-12(U&F), MW000RFIMW-30(U&F), MW000RFIMW-24(U&F), MW000RFIMW-25(F), MW000RFIMW-26(F), RS000RFIMW-26 (U&F), and MW000RFIMW-27(U) may be higher than reported, and the "not-detected" result has been flagged "UJ" on the data tables. In addition, the reported positive results for arsenic in samples MW000RFIMW-11(U&F), MW000RFIMW-12(U&F), MW000RFIMW-29(U), MW000PM1NA(U&F), MW000RFIMW-3(U&F), MW000RFIMW-23(U&F), MW000RFIMW-25(U), MW000RFIMW-26(U), MW000P-34-N(U&F), and MW000RFIMW-28(U&F) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. Low recoveries (<85%) were observed for these analytes in the associated CRDL standards.

- The reported positive results for antimony in sample MW000PMINA(F); for thallium in samples MW000RFIMW-1(F) and MW000RFIMW-2(U); and for zinc in samples MW000RFIMW-22(U&F), MW000RFIMW-1(U&F), MW000RFIMW-2(U&F), MW000RFIMW-4(U&F), MW000RFIMW-5(U), MW000RFIMW-6(U), MW000RFIMW-7(U&F), MW000RFIMW-8(U), MW000RFIMW-9(U&F), MW000RFIMW-25(U), MW000RFIMW-26(U&F), MW000P-34-N(U&F), RS000RFIMW-26(U&F), MW000RFIMW-27(U&F), and MW000RFIMW-28(U&F) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. High recoveries (>115%) were observed for these analytes in the associated CRDL standards.

- The reported positive result for copper in samples MW000RFIMW-1(U&F), MW000RFIMW-2(U&F), MW000RFIMW-4(U), MW000RFIMW-5(U&F), MW000RFIMW-6(U), MW000RFIMW-7(U&F), MW000RFIMW-8(U), MW000RFIMW-9(U&F), MW000RFIMW-29(U), MW000RFIMW-30(U&F), MW000RFIMW-23(U&F), MW000RFIMW-25(U), MW000P-34-N(U), MW000RFIMW-

27(U), and MW000RFIMW-28(U&F); for lead in sample MW000RFIMW-2(U); and for chromium in samples MW000RFIMW-6(U), MW000RFIMW-30(F), MW000RFIMW-27(U&F), and MW000RFIMW-28(U) should be considered estimated and has been flagged "J" (unless previously flagged "U*") on the data tables. Copper, lead, and chromium were observed to be present in the ICP interference check sample ICSA solution at concentrations greater than 2×IDL, indicating an interference in the presence of high level interferents. High levels of calcium and/or magnesium (>50% of the true values of calcium and magnesium in ICSA solution) were observed in the aforementioned samples. Furthermore, the reported positive results for these analytes may be attributed solely to ICP interference (instrument level of sample ≤5× the observed concentration in the ICSA).

- The actual detection limits for chromium in samples MW000RFIMW-26(F), RS000RFIMW-26(U&F), MW000P-34-N(F), and MW000RFIMW-28(F) may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for chromium in samples MW000RFIMW-25(U), MW000RFIMW-26(U), MW000P-34-N(U), MW000RFIMW-27(U&F), and MW000RFIMW-28(U) should be considered estimated and have been flagged "J" (unless previously flagged "U*") on the data tables. A low recovery (<75%) was observed for chromium in the matrix spike duplicate analysis. It should be noted that a high relative percent difference (>20%) was observed between the matrix spike and matrix spike duplicate analyses for chromium as well.

- The actual detection limits for acid-insoluble sulfide in samples MW000RFIMW-22, MW000RFIMW-1, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-8, MW000RFIMW-9, MW000RFIMW-10, and MW000RFIMW-11 and for cyanide in samples RS000RFIMW-12, MW000RFIMW-3, and RS000RFIMW-26 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the positive results for acid-insoluble sulfide in sample MW000RFIMW-2 and for cyanide in samples MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-8, MW000RFIMW-9, MW000RFIMW-10, MW000RFIMW-11, MW000RFIMW-12, MW000RFIMW-29, MW000PM1NA, MW000RFIMW-22, MW000RFIMW-1, MW000RFIMW-2, MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-30, MW000RFIMW-23, MW000RFIMW-24, MW000RFIMW-25, and MW000RFIMW-26 should be considered estimated and have been flagged "J" (unless previously flagged "UJ") on the data tables. Poor recoveries (<75% and >125%) were observed for acid-insoluble sulfide and cyanide in the matrix spike and matrix spike duplicate analyses.

- The actual detection limits for cyanide in samples MW000RFIMW-3 and RS000RFIMW-26 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for cyanide in

samples MW000RFIMW-4, MW000RFIMW-5, MW000RFIMW-6, MW000RFIMW-7, MW000RFIMW-8, MW000RFIMW-30, MW000RFIMW-23, MW000RFIMW-24, MW000RFIMW-25, and MW000RFIMW-26 should be considered estimated and have been flagged "J" on the data tables. The temperature of the samples upon receipt at the laboratory was significantly higher than the 4±2°C requirement for sample preservation (SW-846, Chapter Two, Table 2-16).

- The reported positive results for chromium in samples MW000RFIMW-11(U), MW000RFIMW-29(U), MW000RFIMW-24(U), MW000RFIMW-12(U&F), MW000PM1NA(U&F), MW000RFIMW-30(U&F), and MW000RFIMW-3(U) should be considered estimated and have been flagged "J" on the data tables. A high percent difference (>10%) was observed for this analyte in the associated ICP serial dilution.

A complete data support documentation of this inorganic and wet chemistry QA review is provided in Section 4 of this report. The cover sheet for this section is a checklist of all of the QA procedures required by the analytical protocols and examined in this data review.

C. Conclusions

This QA review has identified several aspects of the analytical data that required qualification. Several of the organic data were qualified due to exceeded holding times, calibration issues, blank contamination, elevated temperatures upon receipt at the laboratory, headspace in the project sample vials, low matrix spike duplicate recoveries, low surrogate recoveries, poor matrix spike/matrix spike duplicate precision, concentrations exceeding the calibration range, large differences between chromatographic columns, and quantitation of positive results below the quantitation limit. Several of the inorganic data were qualified due to blank contamination high sample cooler temperature upon receipt at the laboratory, poor CRDL standard recoveries, ICP interference, poor matrix spike and matrix spike duplicate recoveries, poor laboratory duplicate precision, high relative standard deviations between ICP multiple exposures, ICP serial dilution results, and dissolved metals concentrations greater than total metals concentrations. To confidently use any of the analytical data within this sample set, the data user should understand the limitations of the results. The Laboratory Case Narrative and Project Chain-of-Custody Records are presented in Section 5. The Project Correspondence is presented in Section 6.

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SECTION 2

ANALYTICAL RESULTS

ORGANIC DATA TABLE NOTES

U	This compound was not detected at or above the associated numerical value.
U*	This compound should be considered "not-detected" since it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
R	Unusable result; compound may or may not be present in this sample.
UJ	This compound was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.
UR	Unusable "not-detected" result; compound may or may not be present in this sample.
N	This result should be considered a tentative qualitative identification.

INORGANIC AND WET CHEMISTRY DATA TABLE NOTES

U	This analyte was not detected at or above the associated numerical value.
U*	This analyte should be considered "not-detected" since it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
R	Unusable result; analyte may or may not be present in this sample.
UJ	This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.
UR	Unusable "not-detected" result; analyte may or may not be present in this sample.

BASF - Final, Volatile Analytical Results

					BASF					
					A7F030144					
					MW000P-34-N			MW000PM1NA		
					A7F030144027			A7F030144016		
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		25	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		250	U
3	67641	Acetone	8260A	ug/L		10	UR		250	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		2,500	UR
5	107028	Acrolein	8260A	ug/L		10	UR		250	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		250	UR
7	71432	Benzene	8260A	ug/L		1	U		25	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		25	U
9	75252	Bromoform	8260A	ug/L		1	U		25	U
10	74839	Bromomethane	8260A	ug/L		1	UJ		25	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	U	2.3	25	J
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		25	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		25	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		25	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		500	U
16	75003	Chloroethane	8260A	ug/L		1	U		25	U
17	67663	Chloroform	8260A	ug/L		1	U		25	U
18	74873	Chloromethane	8260A	ug/L		1	U		25	U
19	74953	Dibromomethane	8260A	ug/L		1	U		25	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		25	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		25	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		35	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		25	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		50	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		25	U

BASF - Final, Volatile Analytical Results

					BASF					
					A7F030144					
					MW000P-34-N			MW000PM1NA		
					A7F030144027			A7F030144016		
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		1	U		25	U
27	75354	1,1-Dichloroethene	8260A	ug/L		1	U		25	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	U		25	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	U		25	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	U		25	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	U		25	U
32	100414	Ethylbenzene	8260A	ug/L		1	U		25	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	U		25	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	U		25	U
35	591786	2-Hexanone	8260A	ug/L		10	U		250	U
36	74884	Iodomethane	8260A	ug/L		10	U		250	U
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		12,000	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		500	UR
39	75092	Methylene chloride	8260A	ug/L		1	U		25	U
40	80626	Methyl methacrylate	8260A	ug/L		1	U		25	U
41	107120	Propionitrile	8260A	ug/L		100	UR		2,500	UR
42	100425	Styrene	8260A	ug/L		1	U		25	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	U		25	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	U		25	U
45	127184	Tetrachloroethene	8260A	ug/L		1	U		25	U
46	108883	Toluene	8260A	ug/L		1	U		25	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	U		25	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	U		25	U
49	79016	Trichloroethene	8260A	ug/L		1	U		25	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	U		25	U

						BASF A7F030144 MW000P-34-N A7F030144027 06/06/97 U WATER			MW000PM1NA A7F030144016 06/04/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L			10	U		250	U
52	75014	Vinyl chloride	8260A	ug/L			1	U		25	U
53	95476	o-Xylene	8260A	ug/L			1	U		25	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L			1	U		25	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L			10	U		250	U
56	78933	Methyl ethyl ketone	8260A	ug/L			10	UR		250	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L			1	U		25	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-01			MW000RFIMW-02		
					A7F030144002			A7F030144003		
					06/02/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	U*
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U	0.77	1	J
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L	0.16	1	J	0.14	1	
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U

						MW000RFIMW-01			MW000RFIMW-02		
						A7F030144002			A7F030144003		
						06/02/97			06/02/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L			1	U		1	U
27	75354	1,1-Dichloroethene	8260A	ug/L			1	UJ		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L			1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L			1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L			1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L			1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L			1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L			1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L			1	U		1	U
35	591786	2-Hexanone	8260A	ug/L			10	U		10	U
36	74884	Iodomethane	8260A	ug/L			10	UJ		10	UJ
37	78831	Isobutyl alcohol	8260A	ug/L			500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L			20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L			1	U*		1	U
40	80626	Methyl methacrylate	8260A	ug/L			1	U		1	U
41	107120	Propionitrile	8260A	ug/L			100	UR		100	UR
42	100425	Styrene	8260A	ug/L			1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L			1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L			1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L			1	U		1	U
46	108883	Toluene	8260A	ug/L			1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L			1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L			1	U		1	U
49	79016	Trichloroethene	8260A	ug/L			1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L			1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-01			MW000RFIMW-02		
					A7F030144002			A7F030144003		
					06/02/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L	0.75	1	J		1	U
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

					MW000RFIMW-10			MW000RFIMW-11		
					A7F030144012			A7F030144013		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	U
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	U
9	75252	Bromoform	8260A	ug/L		1	U		1	U
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	UJ		1	UJ
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	U
16	75003	Chloroethane	8260A	ug/L		1	U		1	U
17	67663	Chloroform	8260A	ug/L		1	U		1	U
18	74873	Chloromethane	8260A	ug/L		1	U		1	U
19	74953	Dibromomethane	8260A	ug/L		1	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

						MW000RFIMW-10			MW000RFIMW-11		
						A7F030144012			A7F030144013		
						06/04/97			06/04/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L			1	U		1	U
27	75354	1,1-Dichloroethene	8260A	ug/L			1	UJ		1	UJ
28	156592	cis-1,2-Dichloroethene	8260A	ug/L			1	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L			1	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L			1	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L			1	U		1	U
32	100414	Ethylbenzene	8260A	ug/L			1	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L			1	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L			1	U		1	U
35	591786	2-Hexanone	8260A	ug/L			10	U		10	U
36	74884	Iodomethane	8260A	ug/L			10	UJ		10	UJ
37	78831	Isobutyl alcohol	8260A	ug/L			500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L			20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L			1	U		1	U
40	80626	Methyl methacrylate	8260A	ug/L			1	U		1	U
41	107120	Propionitrile	8260A	ug/L			100	UR		100	UR
42	100425	Styrene	8260A	ug/L			1	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L			1	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L			1	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L			1	U		1	U
46	108883	Toluene	8260A	ug/L			1	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L			1	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L			1	U		1	U
49	79016	Trichloroethene	8260A	ug/L			1	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L			1	U		1	U

					MW000RFIMW-10			MW000RFIMW-11		
					A7F030144012			A7F030144013		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	U
53	95476	o-Xylene	8260A	ug/L		1	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-12			MW000RFIMW-22		
					A7F030144014			A7F030144001		
					06/04/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		25	U		500	UR
2	107051	3-Chloropropene	8260A	ug/L		250	U		5,000	UR
3	67641	Acetone	8260A	ug/L		250	UR		11,000	U*
4	75058	Acetonitrile	8260A	ug/L		2,500	UR		50,000	UR
5	107028	Acrolein	8260A	ug/L		250	UR		5,000	UR
6	107131	Acrylonitrile	8260A	ug/L		250	UR		5,000	UR
7	71432	Benzene	8260A	ug/L		25	U	2,500	500	J
8	75274	Bromodichloromethane	8260A	ug/L		25	U		500	UR
9	75252	Bromoform	8260A	ug/L		25	U		500	UR
10	74839	Bromomethane	8260A	ug/L		25	UJ		500	UR
11	75150	Carbon disulfide	8260A	ug/L	3	25	J		500	UR
12	56235	Carbon tetrachloride	8260A	ug/L		25	U		500	UR
13	108907	Chlorobenzene	8260A	ug/L		25	U	49	500	J
14	124481	Chlorodibromomethane	8260A	ug/L		25	U		500	UR
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		500	U		10,000	UR
16	75003	Chloroethane	8260A	ug/L		25	U		500	UR
17	67663	Chloroform	8260A	ug/L		25	U		500	UR
18	74873	Chloromethane	8260A	ug/L		25	U		500	UR
19	74953	Dibromomethane	8260A	ug/L		25	U		500	UR
20	95501	1,2-Dichlorobenzene	8260A	ug/L		25	U		500	UR
21	541731	1,3-Dichlorobenzene	8260A	ug/L		25	U		500	UR
22	106467	1,4-Dichlorobenzene	8260A	ug/L		25	U		500	UR
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		25	U		500	UR
24	75718	Dichlorodifluoromethane	8260A	ug/L		50	U		1,000	UR
25	75343	1,1-Dichloroethane	8260A	ug/L		25	U		500	UR

					MW000RFIMW-12			MW000RFIMW-22		
					A7F030144014			A7F030144001		
					06/04/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		25	U		500	UR
27	75354	1,1-Dichloroethene	8260A	ug/L		25	U		500	UR
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		25	U		500	UR
29	78875	1,2-Dichloropropane	8260A	ug/L		25	U		500	UR
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		25	U		500	UR
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		25	U		500	UR
32	100414	Ethylbenzene	8260A	ug/L		25	U		500	UR
33	97632	Ethyl methacrylate	8260A	ug/L		25	U		500	UR
34	75694	Trichlorofluoromethane	8260A	ug/L		25	U		500	UR
35	591786	2-Hexanone	8260A	ug/L		250	U		5,000	UR
36	74884	Iodomethane	8260A	ug/L		250	U		5,000	UR
37	78831	Isobutyl alcohol	8260A	ug/L		12,000	UR		250,000	UR
38	126987	Methacrylonitrile	8260A	ug/L		500	UR		10,000	UR
39	75092	Methylene chloride	8260A	ug/L		25	U		500	UR
40	80626	Methyl methacrylate	8260A	ug/L		25	U		500	UR
41	107120	Propionitrile	8260A	ug/L		2,500	UR		50,000	UR
42	100425	Styrene	8260A	ug/L		25	U		500	UR
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		25	U		500	UR
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		25	U		500	UR
45	127184	Tetrachloroethene	8260A	ug/L		25	U		500	UR
46	108883	Toluene	8260A	ug/L		25	U	88	500	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L		25	U		500	UR
48	79005	1,1,2-Trichloroethane	8260A	ug/L		25	U		500	UR
49	79016	Trichloroethene	8260A	ug/L		25	U		500	UR
50	96184	1,2,3-Trichloropropane	8260A	ug/L		25	U		500	UR

BASF - Final, Volatile Analytical Results

					MW000RFIMW-12			MW000RFIMW-22		
					A7F030144014			A7F030144001		
					06/04/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		250	U		5,000	UR
52	75014	Vinyl chloride	8260A	ug/L		25	U	200	500	J
53	95476	o-Xylene	8260A	ug/L		25	U		500	UR
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		25	U		500	UR
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		250	U		5,000	UR
56	78933	Methyl ethyl ketone	8260A	ug/L		250	UR		5,000	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		25	U		500	UR

					MW000RFIMW-23			MW000RFIMW-24		
					A7F030144021			A7F030144022		
					06/05/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		1	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	UJ		10	UJ
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L	0.12	1	J		1	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	UJ		1	UJ
9	75252	Bromoform	8260A	ug/L		1	UJ		1	UJ
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	UJ		1	UJ
12	56235	Carbon tetrachloride	8260A	ug/L		1	UJ		1	UJ
13	108907	Chlorobenzene	8260A	ug/L	0.47	1	J		1	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	UJ		1	UJ
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UJ		20	UJ
16	75003	Chloroethane	8260A	ug/L		1	UJ		1	UJ
17	67663	Chloroform	8260A	ug/L		1	UJ		1	UJ
18	74873	Chloromethane	8260A	ug/L		1	UJ		1	UJ
19	74953	Dibromomethane	8260A	ug/L		1	UJ		1	UJ
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UJ		1	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UJ		1	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UJ		12	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UJ		1	UJ
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UJ		2	UJ
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UJ		1	UJ

BASF - Final, Volatile Analytical Results

					MW000RFIMW-23			MW000RFIMW-24		
					A7F030144021			A7F030144022		
					06/05/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UJ		1	UJ
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UJ		1	UJ
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UJ		1	UJ
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UJ		1	UJ
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	UJ
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	UJ
32	100414	Ethylbenzene	8260A	ug/L		1	UJ		1	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	UJ		1	UJ
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UJ		1	UJ
35	591786	2-Hexanone	8260A	ug/L		10	UJ		10	UJ
36	74884	Iodomethane	8260A	ug/L		10	UJ		10	UJ
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	U*		1	U*
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UJ		1	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	UJ
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	UJ
45	127184	Tetrachloroethene	8260A	ug/L		1	UJ		1	UJ
46	108883	Toluene	8260A	ug/L		1	UJ		1	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UJ		1	UJ
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UJ		1	UJ
49	79016	Trichloroethene	8260A	ug/L		1	UJ		1	UJ
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UJ		1	UJ

						MW000RFIMW-23			MW000RFIMW-24		
						A7F030144021			A7F030144022		
						06/05/97			06/05/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L			10	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L			1	UJ		1	UJ
53	95476	o-Xylene	8260A	ug/L			1	UJ		1	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L			1	UJ		1	UJ
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L			10	UJ		10	UJ
56	78933	Methyl ethyl ketone	8260A	ug/L			10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L			1	U		1	UJ

BASF - Final, Volatile Analytical Results

					MW000RFIMW-25 (MS/MSD)			X1		
					A7F030144023					
					06/05/97					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ			
2	107051	3-Chloropropene	8260A	ug/L		10	UJ			
3	67641	Acetone	8260A	ug/L		10	UR			
4	75058	Acetonitrile	8260A	ug/L		100	UR			
5	107028	Acrolein	8260A	ug/L		10	UR			
6	107131	Acrylonitrile	8260A	ug/L		10	UR			
7	71432	Benzene	8260A	ug/L		1	UJ			
8	75274	Bromodichloromethane	8260A	ug/L		1	UJ			
9	75252	Bromoform	8260A	ug/L		1	UJ			
10	74839	Bromomethane	8260A	ug/L		1	UJ			
11	75150	Carbon disulfide	8260A	ug/L		1	UJ			
12	56235	Carbon tetrachloride	8260A	ug/L		1	UJ			
13	108907	Chlorobenzene	8260A	ug/L		1	UJ			
14	124481	Chlorodibromomethane	8260A	ug/L		1	UJ			
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UJ			
16	75003	Chloroethane	8260A	ug/L		1	UJ			
17	67663	Chloroform	8260A	ug/L		1	UJ			
18	74873	Chloromethane	8260A	ug/L		1	UJ			
19	74953	Dibromomethane	8260A	ug/L		1	UJ			
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UJ			
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UJ			
22	106467	1,4-Dichlorobenzene	8260A	ug/L		11	UJ		10	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UJ			
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UJ			
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UJ			

					MW000RFIMW-25 (MS/MSD)					
					A7F030144023					
					06/05/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UJ			
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UJ			
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UJ			
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UJ			
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UJ			
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UJ			
32	100414	Ethylbenzene	8260A	ug/L		1	UJ			
33	97632	Ethyl methacrylate	8260A	ug/L		1	UJ			
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UJ			
35	591786	2-Hexanone	8260A	ug/L		10	UJ			
36	74884	Iodomethane	8260A	ug/L		10	UJ			
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR			
38	126987	Methacrylonitrile	8260A	ug/L		20	UR			
39	75092	Methylene chloride	8260A	ug/L		1	U*			
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ			
41	107120	Propionitrile	8260A	ug/L		100	UR			
42	100425	Styrene	8260A	ug/L		1	UJ			
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UJ			
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UJ			
45	127184	Tetrachloroethene	8260A	ug/L		1	UJ			
46	108883	Toluene	8260A	ug/L		1	UJ			
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UJ			
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UJ			
49	79016	Trichloroethene	8260A	ug/L		1	UJ			
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UJ			

BASF - Final, Volatile Analytical Results

					MW000RFIMW-25 (MS/MSD)					
					A7F030144023					
					06/05/97					
								X1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	UJ			
52	75014	Vinyl chloride	8260A	ug/L		1	UJ			
53	95476	o-Xylene	8260A	ug/L		1	UJ			
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UJ			
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UJ			
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR			
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UJ			

					MW000RFIMW-26			MW000RFIMW-27		
					A7F030144024			A7F030144028		
					06/05/97			*06/06/97*		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		1	U
2	107051	3-Chloropropene	8260A	ug/L		10	UJ		10	U
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	UJ	0.11	1	J
8	75274	Bromodichloromethane	8260A	ug/L		1	UJ		1	U
9	75252	Bromoform	8260A	ug/L		1	UJ		1	U
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	UJ		1	U
12	56235	Carbon tetrachloride	8260A	ug/L		1	UJ		1	U
13	108907	Chlorobenzene	8260A	ug/L		1	UJ		1	U
14	124481	Chlorodibromomethane	8260A	ug/L		1	UJ		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UJ		20	U
16	75003	Chloroethane	8260A	ug/L		1	UJ		1	U
17	67663	Chloroform	8260A	ug/L		1	UJ		1	U
18	74873	Chloromethane	8260A	ug/L		1	UJ		1	U
19	74953	Dibromomethane	8260A	ug/L		1	UJ		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UJ		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UJ		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UJ		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UJ		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UJ		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UJ		1	U

BASF - Final, Volatile Analytical Results

						MW000RFIMW-26			MW000RFIMW-27		
						A7F030144024			A7F030144028		
						06/05/97			06/06/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L			1	UJ		1	U
27	75354	1,1-Dichloroethene	8260A	ug/L			1	UJ		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L			1	UJ		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L			1	UJ		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L			1	UJ		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L			1	UJ		1	U
32	100414	Ethylbenzene	8260A	ug/L			1	UJ		1	U
33	97632	Ethyl methacrylate	8260A	ug/L			1	UJ		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L			1	UJ		1	U
35	591786	2-Hexanone	8260A	ug/L			10	UJ		10	U
36	74884	Iodomethane	8260A	ug/L			10	UJ		10	U
37	78831	Isobutyl alcohol	8260A	ug/L			500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L			20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L			1	U*		1	U
40	80626	Methyl methacrylate	8260A	ug/L			1	UJ		1	U
41	107120	Propionitrile	8260A	ug/L			100	UR		100	UR
42	100425	Styrene	8260A	ug/L			1	UJ		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L			1	UJ		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L			1	UJ		1	U
45	127184	Tetrachloroethene	8260A	ug/L			1	UJ		1	U
46	108883	Toluene	8260A	ug/L			1	UJ		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L			1	UJ		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L			1	UJ		1	U
49	79016	Trichloroethene	8260A	ug/L			1	UJ		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L			1	UJ		1	U

					MW000RFIMW-26			MW000RFIMW-27		
					A7F030144024			A7F030144028		
					06/05/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	UJ		1	U
53	95476	o-Xylene	8260A	ug/L		1	UJ		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UJ		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UJ		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UJ		1	U

BASF - Final, Volatile Analytical Results

						MW000RFIMW-28			MW000RFIMW-29		
						A7F030144029			A7F030144015		
						06/06/97			06/04/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L			5	U		1	U
2	107051	3-Chloropropene	8260A	ug/L			50	U		10	U
3	67641	Acetone	8260A	ug/L			50	UR		14	U*
4	75058	Acetonitrile	8260A	ug/L			500	UR		100	UR
5	107028	Acrolein	8260A	ug/L			50	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L			50	UR		10	UR
7	71432	Benzene	8260A	ug/L		1.7	5	J		1	U
8	75274	Bromodichloromethane	8260A	ug/L			5	U		1	U
9	75252	Bromoform	8260A	ug/L			5	U		1	U
10	74839	Bromomethane	8260A	ug/L			5	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L			5	U	0.75	1	J
12	56235	Carbon tetrachloride	8260A	ug/L			5	U		1	U
13	108907	Chlorobenzene	8260A	ug/L			5	U		1	U
14	124481	Chlorodibromomethane	8260A	ug/L			5	U		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L			100	U		20	U
16	75003	Chloroethane	8260A	ug/L			5	U		1	U
17	67663	Chloroform	8260A	ug/L			5	U		1	U*
18	74873	Chloromethane	8260A	ug/L			5	U		1	U
19	74953	Dibromomethane	8260A	ug/L			5	U		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L			5	U		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L			5	U		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L			5	U		1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L			5	U		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L			10	U		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L			5	U		1	U

					MW000RFIMW-28			MW000RFIMW-29		
					A7F030144029			A7F030144015		
					06/06/97			*06/04/97*		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		5	U		1	U
27	75354	1,1-Dichloroethene	8260A	ug/L		5	U		1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		5	U		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		5	U		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		5	U		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		5	U		1	U
32	100414	Ethylbenzene	8260A	ug/L		5	U		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		5	U		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		5	U		1	U
35	591786	2-Hexanone	8260A	ug/L		50	U		10	U
36	74884	Iodomethane	8260A	ug/L		50	U		10	U
37	78831	Isobutyl alcohol	8260A	ug/L		2,500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		100	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		5	U		1	U
40	80626	Methyl methacrylate	8260A	ug/L		5	U		1	U
41	107120	Propionitrile	8260A	ug/L		500	UR		100	UR
42	100425	Styrene	8260A	ug/L		5	U		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		5	U		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		5	U		1	U
45	127184	Tetrachloroethene	8260A	ug/L		5	U		1	U
46	108883	Toluene	8260A	ug/L		5	U		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		5	U		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		5	U		1	U
49	79016	Trichloroethene	8260A	ug/L		5	U		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		5	U		1	U

BASF - Final, Volatile Analytical Results

						MW000RFIMW-28			MW000RFIMW-29		
						A7F030144029			A7F030144015		
						06/06/97			06/04/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L			50	U		10	U
52	75014	Vinyl chloride	8260A	ug/L			5	U		1	U
53	95476	o-Xylene	8260A	ug/L			5	U		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L			5	U		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L			50	U		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L			50	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L			5	U		1	U

					MW000RFIMW-3			MW000RFIMW-30		
					A7F030144020			A7F030144019		
					06/05/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		2.5	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	UJ		25	UJ
3	67641	Acetone	8260A	ug/L		17	U*		55	U*
4	75058	Acetonitrile	8260A	ug/L		100	UR		250	UR
5	107028	Acrolein	8260A	ug/L		10	UR		25	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		25	UR
7	71432	Benzene	8260A	ug/L		1	UJ	0.39	2.5	J
8	75274	Bromodichloromethane	8260A	ug/L		1	UJ		2.5	UJ
9	75252	Bromoform	8260A	ug/L		1	UJ		2.5	UJ
10	74839	Bromomethane	8260A	ug/L		1	UJ		2.5	UJ
11	75150	Carbon disulfide	8260A	ug/L	0.12	1	J		2.5	UJ
12	56235	Carbon tetrachloride	8260A	ug/L		1	UJ		2.5	UJ
13	108907	Chlorobenzene	8260A	ug/L		1	UJ		2.5	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	UJ		2.5	UJ
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UJ		50	UJ
16	75003	Chloroethane	8260A	ug/L		1	UJ		2.5	UJ
17	67663	Chloroform	8260A	ug/L		1	UJ		2.5	UJ
18	74873	Chloromethane	8260A	ug/L		1	UJ		2.5	UJ
19	74953	Dibromomethane	8260A	ug/L		1	UJ		2.5	UJ
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UJ		2.5	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UJ		2.5	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UJ		12.5	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UJ		2.5	UJ
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UJ		5	UJ
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UJ	5.8	2.5	J

BASF - Final, Volatile Analytical Results

					MW000RFIMW-3 A7F030144020 06/05/97 U WATER			MW000RFIMW-30 A7F030144019 06/05/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UJ		2.5	UJ
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UJ	0.88	2.5	J
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UJ		2.5	UJ
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UJ		2.5	UJ
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UJ		2.5	UJ
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UJ		2.5	UJ
32	100414	Ethylbenzene	8260A	ug/L		1	UJ	11	2.5	J
33	97632	Ethyl methacrylate	8260A	ug/L		1	UJ		2.5	UJ
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UJ		2.5	UJ
35	591786	2-Hexanone	8260A	ug/L		10	UJ		25	UJ
36	74884	Iodomethane	8260A	ug/L		10	UJ		25	UJ
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		1,200	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		50	UR
39	75092	Methylene chloride	8260A	ug/L		1	U*		2.5	U*
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		2.5	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		250	UR
42	100425	Styrene	8260A	ug/L		1	UJ		2.5	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UJ		2.5	UJ
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UJ		2.5	UJ
45	127184	Tetrachloroethene	8260A	ug/L		1	UJ		2.5	UJ
46	108883	Toluene	8260A	ug/L	0.16	1	J	1.2	2.5	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UJ	22	2.5	J
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UJ		2.5	UJ
49	79016	Trichloroethene	8260A	ug/L		1	UJ		2.5	UJ
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UJ		2.5	UJ

					MW000RFIMW-3			MW000RFIMW-30		
					A7F030144020			A7F030144019		
					06/05/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		25	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	UJ		2.5	UJ
53	95476	o-Xylene	8260A	ug/L		1	UJ	8.2	2.5	J
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UJ		2.5	UJ
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UJ		25	UJ
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		25	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UJ	19	2.5	

BASF - Final, Volatile Analytical Results

					MW000RFIMW-4			MW000RFIMW-5 (MS/MSD)		
					A7F030144005			A7F030144006		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		1	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	UJ		10	UJ
3	67641	Acetone	8260A	ug/L		18	U*		78	U*
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	UJ	0.45	1	J
8	75274	Bromodichloromethane	8260A	ug/L		1	UJ		1	UJ
9	75252	Bromoform	8260A	ug/L		1	UJ		1	UJ
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L	0.2	1	J		1	UJ
12	56235	Carbon tetrachloride	8260A	ug/L		1	UJ		1	UJ
13	108907	Chlorobenzene	8260A	ug/L		1	UJ		1	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	UJ		1	UJ
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UJ		20	UJ
16	75003	Chloroethane	8260A	ug/L		1	UJ		1	UJ
17	67663	Chloroform	8260A	ug/L		1	UJ		1	UJ
18	74873	Chloromethane	8260A	ug/L		1	UJ		1	UJ
19	74953	Dibromomethane	8260A	ug/L		1	UJ		1	UJ
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UJ		1	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UJ		1	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UJ		11	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UJ		1	UJ
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UJ		2	UJ
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UJ		1	UJ

					MW000RFIMW-4			MW000RFIMW-5 (MS/MSD)		
					A7F030144005			A7F030144006		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UJ		1	UJ
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UJ		1	UJ
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UJ		1	UJ
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UJ	0.39	1	J
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	UJ
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	UJ
32	100414	Ethylbenzene	8260A	ug/L		1	UJ		1	UJ
33	97632	Ethyl methacrylate	8260A	ug/L		1	UJ		1	UJ
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UJ		1	UJ
35	591786	2-Hexanone	8260A	ug/L		10	UJ		10	UJ
36	74884	Iodomethane	8260A	ug/L		10	UJ		10	UJ
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	UJ		1	UJ
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	UJ
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UJ		1	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	UJ
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	UJ
45	127184	Tetrachloroethene	8260A	ug/L		1	UJ		1	UJ
46	108883	Toluene	8260A	ug/L		1	UJ	0.28	1	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UJ		1	UJ
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UJ		1	UJ
49	79016	Trichloroethene	8260A	ug/L		1	UJ		1	UJ
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UJ		1	UJ

BASF - Final, Volatile Analytical Results

					MW000RFIMW-4 A7F030144005 06/03/97 U WATER			MW000RFIMW-5 (MS/MSD) A7F030144006 06/03/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	UJ		1	UJ
53	95476	o-Xylene	8260A	ug/L		1	UJ		1	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UJ		1	UJ
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UJ		10	UJ
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR	9.9	10	J
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UJ		1	U

					MW000RFIMW-6 A7F030144007 06/03/97 U WATER			MW000RFIMW-7 A7F030144008 06/03/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	UJ		5	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	UJ		50	UJ
3	67641	Acetone	8260A	ug/L		10	U*		80	U*
4	75058	Acetonitrile	8260A	ug/L		100	UR		500	UR
5	107028	Acrolein	8260A	ug/L		10	UR		50	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		50	UR
7	71432	Benzene	8260A	ug/L		1	UJ		5	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	UJ		5	UJ
9	75252	Bromoform	8260A	ug/L		1	UJ		5	UJ
10	74839	Bromomethane	8260A	ug/L		1	UJ		5	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	UJ		5	UJ
12	56235	Carbon tetrachloride	8260A	ug/L		1	UJ		5	UJ
13	108907	Chlorobenzene	8260A	ug/L		1	UJ		5	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	UJ		5	UJ
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	UJ		100	UJ
16	75003	Chloroethane	8260A	ug/L		1	UJ		5	UJ
17	67663	Chloroform	8260A	ug/L		1	UJ		5	UJ
18	74873	Chloromethane	8260A	ug/L		1	UJ		5	UJ
19	74953	Dibromomethane	8260A	ug/L		1	UJ		5	UJ
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	UJ		5	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	UJ		5	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	UJ		5	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	UJ		5	UJ
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	UJ		10	UJ
25	75343	1,1-Dichloroethane	8260A	ug/L		1	UJ	7.5	5	J

BASF - Final, Volatile Analytical Results

						MW000RFIMW-6			MW000RFIMW-7		
						A7F030144007			A7F030144008		
						06/03/97			06/03/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		0.47	1	J		5	UJ
27	75354	1,1-Dichloroethene	8260A	ug/L			1	UJ	1.6	5	J
28	156592	cis-1,2-Dichloroethene	8260A	ug/L			1	UJ		5	UJ
29	78875	1,2-Dichloropropane	8260A	ug/L		22	1	J		5	UJ
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L			1	UJ		5	UJ
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L			1	UJ		5	UJ
32	100414	Ethylbenzene	8260A	ug/L			1	UJ	16	5	J
33	97632	Ethyl methacrylate	8260A	ug/L			1	UJ		5	UJ
34	75694	Trichlorofluoromethane	8260A	ug/L			1	UJ		5	UJ
35	591786	2-Hexanone	8260A	ug/L			10	UJ		50	UJ
36	74884	Iodomethane	8260A	ug/L			10	UJ		50	UJ
37	78831	Isobutyl alcohol	8260A	ug/L			500	UR		2,500	UR
38	126987	Methacrylonitrile	8260A	ug/L			20	UR		100	UR
39	75092	Methylene chloride	8260A	ug/L			1	UJ		5	UJ
40	80626	Methyl methacrylate	8260A	ug/L			1	UJ		5	UJ
41	107120	Propionitrile	8260A	ug/L			100	UR		500	UR
42	100425	Styrene	8260A	ug/L			1	UJ		5	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L			1	UJ		5	UJ
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L			1	UJ		5	UJ
45	127184	Tetrachloroethene	8260A	ug/L			1	UJ		5	UJ
46	108883	Toluene	8260A	ug/L		0.16	1	J	1.9	5	J
47	71556	1,1,1-Trichloroethane	8260A	ug/L			1	UJ	36	5	J
48	79005	1,1,2-Trichloroethane	8260A	ug/L			1	UJ		5	UJ
49	79016	Trichloroethene	8260A	ug/L			1	UJ		5	UJ
50	96184	1,2,3-Trichloropropane	8260A	ug/L			1	UJ		5	UJ

						MW000RFIMW-6 A7F030144007 06/03/97 U WATER			MW000RFIMW-7 A7F030144008 06/03/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L			10	UJ		50	UJ
52	75014	Vinyl chloride	8260A	ug/L			1	UJ		5	UJ
53	95476	o-Xylene	8260A	ug/L			1	UJ	13	5	J
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L			1	UJ		5	UJ
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L			10	UJ		50	UJ
56	78933	Methyl ethyl ketone	8260A	ug/L			10	UR		50	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L			1	UJ	30	5	J

BASF - Final, Volatile Analytical Results

						MW000RFIMW-8 A7F030144009 06/03/97 U WATER			MW000RFIMW-9 A7F030144011 06/04/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L			1	UJ		1	U
2	107051	3-Chloropropene	8260A	ug/L			10	UJ		10	U
3	67641	Acetone	8260A	ug/L			10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L			100	UR		100	UR
5	107028	Acrolein	8260A	ug/L			10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L			10	UR		10	UR
7	71432	Benzene	8260A	ug/L			1	UJ		1	U
8	75274	Bromodichloromethane	8260A	ug/L			1	UJ		1	U
9	75252	Bromoform	8260A	ug/L			1	UJ		1	U
10	74839	Bromomethane	8260A	ug/L			1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L			1	UJ		1	UJ
12	56235	Carbon tetrachloride	8260A	ug/L			1	UJ		1	U
13	108907	Chlorobenzene	8260A	ug/L			1	UJ		1	U
14	124481	Chlorodibromomethane	8260A	ug/L			1	UJ		1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L			20	UJ		20	U
16	75003	Chloroethane	8260A	ug/L			1	UJ		1	U
17	67663	Chloroform	8260A	ug/L			1	UJ		1	U
18	74873	Chloromethane	8260A	ug/L			1	UJ		1	U
19	74953	Dibromomethane	8260A	ug/L			1	UJ		1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L			1	UJ		1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L			1	UJ		1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L			1	UJ		11	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L			1	UJ		1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L			2	UJ		2	U
25	75343	1,1-Dichloroethane	8260A	ug/L			1	UJ		1	U

					MW000RFIMW-8			MW000RFIMW-9		
					A7F030144009			A7F030144011		
					06/03/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UJ		1	U
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UJ		1	UJ
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UJ		1	U
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UJ		1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UJ		1	U
32	100414	Ethylbenzene	8260A	ug/L		1	UJ		1	U
33	97632	Ethyl methacrylate	8260A	ug/L		1	UJ		1	U
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UJ		1	U
35	591786	2-Hexanone	8260A	ug/L		10	UJ		10	U
36	74884	Iodomethane	8260A	ug/L		10	UJ		10	UJ
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		1	UJ		1	U
40	80626	Methyl methacrylate	8260A	ug/L		1	UJ		1	U
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UJ		1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UJ		1	U
45	127184	Tetrachloroethene	8260A	ug/L		1	UJ		1	U
46	108883	Toluene	8260A	ug/L		1	UJ		1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UJ		1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UJ		1	U
49	79016	Trichloroethene	8260A	ug/L		1	UJ		1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UJ		1	U

BASF - Final, Volatile Analytical Results

					MW000RFIMW-8 A7F030144009 06/03/97 U WATER			MW000RFIMW-9 A7F030144011 06/04/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	UJ		10	U
52	75014	Vinyl chloride	8260A	ug/L		1	UJ		1	U
53	95476	o-Xylene	8260A	ug/L		1	UJ		1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UJ		1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UJ		10	U
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	UJ		1	U

					RS000RFIMW-12			RS000RFIMW-26		
					A7F030144017			A7F030144025		
					06/04/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	UJ
3	67641	Acetone	8260A	ug/L	64	10	J	60	10	J
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	UJ
9	75252	Bromoform	8260A	ug/L		1	U		1	UJ
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	U		1	UJ
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	UJ
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	UJ
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	UJ
16	75003	Chloroethane	8260A	ug/L		1	U		1	UJ
17	67663	Chloroform	8260A	ug/L		1	U	0.26	1	J
18	74873	Chloromethane	8260A	ug/L		1	U		1	UJ
19	74953	Dibromomethane	8260A	ug/L		1	U		1	UJ
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	UJ
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	UJ
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	UJ

BASF - Final, Volatile Analytical Results

						RS000RFIMW-12 A7F030144017 06/04/97 U WATER			RS000RFIMW-26 A7F030144025 06/05/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L			1	U		1	UJ
27	75354	1,1-Dichloroethene	8260A	ug/L			1	U		1	UJ
28	156592	cis-1,2-Dichloroethene	8260A	ug/L			1	U		1	UJ
29	78875	1,2-Dichloropropane	8260A	ug/L			1	U		1	UJ
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L			1	U		1	UJ
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L			1	U		1	UJ
32	100414	Ethylbenzene	8260A	ug/L			1	U		1	UJ
33	97632	Ethyl methacrylate	8260A	ug/L			1	U		1	UJ
34	75694	Trichlorofluoromethane	8260A	ug/L			1	U		1	UJ
35	591786	2-Hexanone	8260A	ug/L			10	U		10	UJ
36	74884	Iodomethane	8260A	ug/L			10	U		10	UJ
37	78831	Isobutyl alcohol	8260A	ug/L			500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L			20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		0.26	1	J	1.2	1	J
40	80626	Methyl methacrylate	8260A	ug/L			1	U		1	UJ
41	107120	Propionitrile	8260A	ug/L			100	UR		100	UR
42	100425	Styrene	8260A	ug/L			1	U		1	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L			1	U		1	UJ
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L			1	U		1	UJ
45	127184	Tetrachloroethene	8260A	ug/L			1	U		1	UJ
46	108883	Toluene	8260A	ug/L			1	U		1	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L			1	U		1	UJ
48	79005	1,1,2-Trichloroethane	8260A	ug/L			1	U		1	UJ
49	79016	Trichloroethene	8260A	ug/L			1	U		1	UJ
50	96184	1,2,3-Trichloropropane	8260A	ug/L			1	U		1	UJ

					RS000RFIMW-12			RS000RFIMW-26		
					A7F030144017			A7F030144025		
					06/04/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	UJ
53	95476	o-Xylene	8260A	ug/L		1	U		1	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	UJ
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	UJ
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	UJ

BASF - Final, Volatile Analytical Results

						TB-6/2/97 A7F030144004 06/02/97 U WATER			TB-6/3/97 A7F030144010 06/03/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L			1	UR		1	UR
2	107051	3-Chloropropene	8260A	ug/L			10	UR		10	UR
3	67641	Acetone	8260A	ug/L		19	10	J		10	UR
4	75058	Acetonitrile	8260A	ug/L			100	UR		100	UR
5	107028	Acrolein	8260A	ug/L			10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L			10	UR		10	UR
7	71432	Benzene	8260A	ug/L			1	UR		1	UR
8	75274	Bromodichloromethane	8260A	ug/L			1	UR		1	UR
9	75252	Bromoform	8260A	ug/L			1	UR		1	UR
10	74839	Bromomethane	8260A	ug/L			1	UR		1	UR
11	75150	Carbon disulfide	8260A	ug/L			1	UR		1	UR
12	56235	Carbon tetrachloride	8260A	ug/L			1	UR		1	UR
13	108907	Chlorobenzene	8260A	ug/L			1	UR		1	UR
14	124481	Chlorodibromomethane	8260A	ug/L			1	UR		1	UR
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L			20	UR		20	UR
16	75003	Chloroethane	8260A	ug/L			1	UR		1	UR
17	67663	Chloroform	8260A	ug/L			1	UR		1	UR
18	74873	Chloromethane	8260A	ug/L			1	UR		1	UR
19	74953	Dibromomethane	8260A	ug/L			1	UR		1	UR
20	95501	1,2-Dichlorobenzene	8260A	ug/L			1	UR		1	UR
21	541731	1,3-Dichlorobenzene	8260A	ug/L			1	UR		1	UR
22	106467	1,4-Dichlorobenzene	8260A	ug/L			1	UR		1	UR
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L			1	UR		1	UR
24	75718	Dichlorodifluoromethane	8260A	ug/L			2	UR		2	UR
25	75343	1,1-Dichloroethane	8260A	ug/L			1	UR		1	UR

					TB-6/2/97 A7F030144004 06/02/97 U WATER			TB-6/3/97 A7F030144010 06/03/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L		1	UR		1	UR
27	75354	1,1-Dichloroethene	8260A	ug/L		1	UR		1	UR
28	156592	cis-1,2-Dichloroethene	8260A	ug/L		1	UR		1	UR
29	78875	1,2-Dichloropropane	8260A	ug/L		1	UR		1	UR
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L		1	UR		1	UR
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L		1	UR		1	UR
32	100414	Ethylbenzene	8260A	ug/L		1	UR		1	UR
33	97632	Ethyl methacrylate	8260A	ug/L		1	UR		1	UR
34	75694	Trichlorofluoromethane	8260A	ug/L		1	UR		1	UR
35	591786	2-Hexanone	8260A	ug/L		10	UR		10	UR
36	74884	Iodomethane	8260A	ug/L		10	UR		10	UR
37	78831	Isobutyl alcohol	8260A	ug/L		500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L		20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L	0.17	1	J		1	UR
40	80626	Methyl methacrylate	8260A	ug/L		1	UR		1	UR
41	107120	Propionitrile	8260A	ug/L		100	UR		100	UR
42	100425	Styrene	8260A	ug/L		1	UR		1	UR
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L		1	UR		1	UR
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L		1	UR		1	UR
45	127184	Tetrachloroethene	8260A	ug/L		1	UR		1	UR
46	108883	Toluene	8260A	ug/L		1	UR		1	UR
47	71556	1,1,1-Trichloroethane	8260A	ug/L		1	UR		1	UR
48	79005	1,1,2-Trichloroethane	8260A	ug/L		1	UR		1	UR
49	79016	Trichloroethene	8260A	ug/L		1	UR		1	UR
50	96184	1,2,3-Trichloropropane	8260A	ug/L		1	UR		1	UR

BASF - Final, Volatiles Analytical Results

					TB-6/2/97			TB-6/3/97		
					A7F030144004			A7F030144010		
					06/02/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	UR		10	UR
52	75014	Vinyl chloride	8260A	ug/L		1	UR		1	UR
53	95476	o-Xylene	8260A	ug/L		1	UR		1	UR
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	UR		1	UR
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	UR		10	UR
56	78933	Methyl ethyl ketone	8260A	ug/L	6.8	10	J		10	UR
57	136777-6	m-Xylene & p-Xylene	8260A	ug/L		1	UR		1	UR

					TB-6/4/97 A7F030144018 06/04/97 U WATER			TB-6/5/97 A7F030144026 06/05/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L		1	U		1	UJ
2	107051	3-Chloropropene	8260A	ug/L		10	U		10	UJ
3	67641	Acetone	8260A	ug/L		10	UR		10	UR
4	75058	Acetonitrile	8260A	ug/L		100	UR		100	UR
5	107028	Acrolein	8260A	ug/L		10	UR		10	UR
6	107131	Acrylonitrile	8260A	ug/L		10	UR		10	UR
7	71432	Benzene	8260A	ug/L		1	U		1	UJ
8	75274	Bromodichloromethane	8260A	ug/L		1	U		1	UJ
9	75252	Bromoform	8260A	ug/L		1	U		1	UJ
10	74839	Bromomethane	8260A	ug/L		1	UJ		1	UJ
11	75150	Carbon disulfide	8260A	ug/L		1	UJ		1	UJ
12	56235	Carbon tetrachloride	8260A	ug/L		1	U		1	UJ
13	108907	Chlorobenzene	8260A	ug/L		1	U		1	UJ
14	124481	Chlorodibromomethane	8260A	ug/L		1	U		1	UJ
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L		20	U		20	UJ
16	75003	Chloroethane	8260A	ug/L		1	U		1	UJ
17	67663	Chloroform	8260A	ug/L		1	U		1	UJ
18	74873	Chloromethane	8260A	ug/L		1	U		1	UJ
19	74953	Dibromomethane	8260A	ug/L		1	U		1	UJ
20	95501	1,2-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
21	541731	1,3-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
22	106467	1,4-Dichlorobenzene	8260A	ug/L		1	U		1	UJ
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L		1	U		1	UJ
24	75718	Dichlorodifluoromethane	8260A	ug/L		2	U		2	UJ
25	75343	1,1-Dichloroethane	8260A	ug/L		1	U		1	UJ

BASF - Final, Volatile Analytical Results

						TB-6/4/97 A7F030144018 06/04/97 U WATER			TB-6/5/97 A7F030144026 06/05/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L			1	U		1	UJ
27	75354	1,1-Dichloroethene	8260A	ug/L			1	UJ		1	UJ
28	156592	cis-1,2-Dichloroethene	8260A	ug/L			1	U		1	UJ
29	78875	1,2-Dichloropropane	8260A	ug/L			1	U		1	UJ
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L			1	U		1	UJ
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L			1	U		1	UJ
32	100414	Ethylbenzene	8260A	ug/L			1	U		1	UJ
33	97632	Ethyl methacrylate	8260A	ug/L			1	U		1	UJ
34	75694	Trichlorofluoromethane	8260A	ug/L			1	U		1	UJ
35	591786	2-Hexanone	8260A	ug/L			10	U		10	UJ
36	74884	Iodomethane	8260A	ug/L			10	UJ		10	UJ
37	78831	Isobutyl alcohol	8260A	ug/L			500	UR		500	UR
38	126987	Methacrylonitrile	8260A	ug/L			20	UR		20	UR
39	75092	Methylene chloride	8260A	ug/L		0.17	1	J	0.75	1	J
40	80626	Methyl methacrylate	8260A	ug/L			1	U		1	UJ
41	107120	Propionitrile	8260A	ug/L			100	UR		100	UR
42	100425	Styrene	8260A	ug/L			1	U		1	UJ
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L			1	U		1	UJ
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L			1	U		1	UJ
45	127184	Tetrachloroethene	8260A	ug/L			1	U		1	UJ
46	108883	Toluene	8260A	ug/L			1	U		1	UJ
47	71556	1,1,1-Trichloroethane	8260A	ug/L			1	U		1	UJ
48	79005	1,1,2-Trichloroethane	8260A	ug/L			1	U		1	UJ
49	79016	Trichloroethene	8260A	ug/L			1	U		1	UJ
50	96184	1,2,3-Trichloropropane	8260A	ug/L			1	U		1	UJ

					TB-6/4/97			TB-6/5/97		
					A7F030144018			A7F030144026		
					06/04/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L		10	U		10	UJ
52	75014	Vinyl chloride	8260A	ug/L		1	U		1	UJ
53	95476	o-Xylene	8260A	ug/L		1	U		1	UJ
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L		1	U		1	UJ
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L		10	U		10	UJ
56	78933	Methyl ethyl ketone	8260A	ug/L		10	UR		10	UR
57	136777-6	m-Xylene & p-Xylene	8260A	ug/L		1	U		1	UJ

BASF - Final, Volatile Analytical Results

						TB-6/6/97 A7F030144030 06/06/97 U WATER		
						Result	Detect Limit	Final Qual
1	126998	2-Chloro-1,3-butadiene	8260A	ug/L			1	U
2	107051	3-Chloropropene	8260A	ug/L			10	U
3	67641	Acetone	8260A	ug/L			10	UR
4	75058	Acetonitrile	8260A	ug/L			100	UR
5	107028	Acrolein	8260A	ug/L			10	UR
6	107131	Acrylonitrile	8260A	ug/L			10	UR
7	71432	Benzene	8260A	ug/L			1	U
8	75274	Bromodichloromethane	8260A	ug/L			1	U
9	75252	Bromoform	8260A	ug/L			1	U
10	74839	Bromomethane	8260A	ug/L			1	UJ
11	75150	Carbon disulfide	8260A	ug/L		0.18	1	J
12	56235	Carbon tetrachloride	8260A	ug/L			1	U
13	108907	Chlorobenzene	8260A	ug/L			1	U
14	124481	Chlorodibromomethane	8260A	ug/L			1	U
15	96128	1,2-Dibromo-3-chloropropane	8260A	ug/L			20	U
16	75003	Chloroethane	8260A	ug/L			1	U
17	67663	Chloroform	8260A	ug/L			1	U
18	74873	Chloromethane	8260A	ug/L			1	U
19	74953	Dibromomethane	8260A	ug/L			1	U
20	95501	1,2-Dichlorobenzene	8260A	ug/L			1	U
21	541731	1,3-Dichlorobenzene	8260A	ug/L			1	U
22	106467	1,4-Dichlorobenzene	8260A	ug/L			1	U
23	110576	trans-1,4-Dichloro-2-butene	8260A	ug/L			1	U
24	75718	Dichlorodifluoromethane	8260A	ug/L			2	U
25	75343	1,1-Dichloroethane	8260A	ug/L			1	U

						TB-6/6/97		
						A7F030144030		
						06/06/97		
						U		
						WATER		
						Result	Detect Limit	Final Qual
26	107062	1,2-Dichloroethane	8260A	ug/L			1	U
27	75354	1,1-Dichloroethene	8260A	ug/L			1	U
28	156592	cis-1,2-Dichloroethene	8260A	ug/L			1	U
29	78875	1,2-Dichloropropane	8260A	ug/L			1	U
30	10061015	cis-1,3-Dichloropropene	8260A	ug/L			1	U
31	10061026	trans-1,3-Dichloropropene	8260A	ug/L			1	U
32	100414	Ethylbenzene	8260A	ug/L			1	U
33	97632	Ethyl methacrylate	8260A	ug/L			1	U
34	75694	Trichlorofluoromethane	8260A	ug/L			1	U
35	591786	2-Hexanone	8260A	ug/L			10	U
36	74884	Iodomethane	8260A	ug/L			10	U
37	78831	Isobutyl alcohol	8260A	ug/L			500	UR
38	126987	Methacrylonitrile	8260A	ug/L			20	UR
39	75092	Methylene chloride	8260A	ug/L		0.15	1	J
40	80626	Methyl methacrylate	8260A	ug/L			1	U
41	107120	Propionitrile	8260A	ug/L			100	UR
42	100425	Styrene	8260A	ug/L			1	U
43	630206	1,1,1,2-Tetrachloroethane	8260A	ug/L			1	U
44	79345	1,1,2,2-Tetrachloroethane	8260A	ug/L			1	U
45	127184	Tetrachloroethene	8260A	ug/L			1	U
46	108883	Toluene	8260A	ug/L			1	U
47	71556	1,1,1-Trichloroethane	8260A	ug/L			1	U
48	79005	1,1,2-Trichloroethane	8260A	ug/L			1	U
49	79016	Trichloroethene	8260A	ug/L			1	U
50	96184	1,2,3-Trichloropropane	8260A	ug/L			1	U

BASF - Final, Volatile Analytical Results

						TB-6/6/97		
						A7F030144030		
						06/06/97		
						U		
						WATER		
						Result	Detect Limit	Final Qual
51	108054	Vinyl acetate	8260A	ug/L			10	U
52	75014	Vinyl chloride	8260A	ug/L			1	U
53	95476	o-Xylene	8260A	ug/L			1	U
54	106934	1,2-Dibromoethane (EDB)	8260A	ug/L			1	U
55	108101	4-Methyl-2-pentanone (MIBK)	8260A	ug/L			10	U
56	78933	Methyl ethyl ketone	8260A	ug/L			10	UR
57	136777-61	m-Xylene & p-Xylene	8260A	ug/L			1	U

BASF - Final, Semi[illegible]tile Analytical Results

					BASF					
					A7F030144					
					MW000P-34-N			MW000PM1NA		
					A7F030144027			A7F030144016		
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					BASF					
					A7F030144					
					MW000P-34-N			MW000PM1NA		
					A7F030144027			A7F030144016		
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	U
33	218019	Chrysene	8270B	ug/L		5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U	2.4	10	J
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	U
50	122394	Diphenylamine	8270B	ug/L		10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	U

					BASF					
					A7F030144					
					MW000P-34-N			MW000PM1NA		
					A7F030144027			A7F030144016		
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	U		5	U
53	86737	Fluorene	8270B	ug/L		5	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	U
59	78591	Isophorone	8270B	ug/L		5	U		5	U
60	120581	Isosafrole	8270B	ug/L		10	U		10	U
61	91805	Methapyrilene	8270B	ug/L		100	U		100	U
62	95534	o-Toluidine	8270B	ug/L		10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	U
67	108394	3-Methylphenol	8270B	ug/L		10	U	1.2	10	JN
68	106445	4-Methylphenol	8270B	ug/L		10	U	1.2	10	JN
69	91203	Naphthalene	8270B	ug/L		5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					BASF			MW000PM1NA		
					A7F030144					
					MW000P-34-N			A7F030144016		
					A7F030144027					
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	UJ
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	UJ		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		5	U
97	109068	2-Picoline	8270B	ug/L		20	U		20	U
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U

BASF - Final, Semi[illegible]atile Analytical Results

					BASF					
					A7F030144					
					MW000P-34-N			MW000PM1NA		
					A7F030144027			A7F030144016		
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-01			I1		
					A7F030144002					
					06/02/97					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		250	U
2	60515	Dimethoate	8270B	ug/L		200	U		1,000	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		100	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		500	U
5	1888717	Hexachloropropene	8270B	ug/L		100	UJ		500	U
6	62442	Phenacetin	8270B	ug/L		50	U		250	U
7	23950585	Pronamide	8270B	ug/L		20	U		100	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	U		250	UJ
9	2303164	Diallate	8270B	ug/L		10	U		50	U
11	83329	Acenaphthene	8270B	ug/L		5	U		25	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		25	U
13	98862	Acetophenone	8270B	ug/L		10	U		50	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		100	U
15	62533	Aniline	8270B	ug/L		10	U		50	U
16	120127	Anthracene	8270B	ug/L		5	U		25	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		25	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		25	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		25	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		25	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		25	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		50	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		50	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		25	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		25	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		25	U

					MW000RFIMW-01			I1		
					A7F030144002					
					06/02/97					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		25	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		50	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		25	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		50	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		25	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		50	U
33	218019	Chrysene	8270B	ug/L		5	U		25	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		25	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		25	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		25	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		100	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		25	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		50	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		25	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		250	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		25	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		25	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		50	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		50	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		250	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		250	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		25	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		25	U
50	122394	Diphenylamine	8270B	ug/L		10	U		50	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		50	U

					MW000RFIMW-01			I1		
					A7F030144002					
					06/02/97					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	U		25	U
53	86737	Fluorene	8270B	ug/L		5	U		25	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		25	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		25	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		25	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		25	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		25	U
59	78591	Isophorone	8270B	ug/L		5	U		25	U
60	120581	Isosafrole	8270B	ug/L		10	U		50	U
61	91805	Methapyrilene	8270B	ug/L		100	U		500	U
62	95534	o-Toluidine	8270B	ug/L		10	U		50	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		500	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		50	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		25	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		25	U
67	108394	3-Methylphenol	8270B	ug/L		10	U		50	U
68	106445	4-Methylphenol	8270B	ug/L		10	U		50	U
69	91203	Naphthalene	8270B	ug/L		5	U		25	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		1,000	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		50	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		50	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		250	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		250	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		250	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		25	U

					MW000RFIMW-01					
					A7F030144002					
					06/02/97					
					U			I1		
					WATER			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		50	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		250	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		500	U
80	88857	Dinoseb	8270B	ug/L		10	U		50	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		50	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		50	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		50	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		25	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		25	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		50	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		50	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		50	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		50	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		50	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		25	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		250	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UJ		250	UJ
94	87865	Pentachlorophenol	8270B	ug/L		50	U		250	U
95	85018	Phenanthrene	8270B	ug/L		5	U		25	U
96	108952	Phenol	8270B	ug/L		5	U		25	U
97	109068	2-Picoline	8270B	ug/L		20	U		100	U
98	129000	Pyrene	8270B	ug/L		5	U		25	U
99	110861	Pyridine	8270B	ug/L		10	U		50	U
100	94597	Safrole	8270B	ug/L		10	U		50	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		25	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-01			I1		
					A7F030144002			U		
					06/02/97			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		250	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		25	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		50	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		25	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		250	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		50	U
108	123911	1,4-Dioxane	8270B	ug/L	160	50	J	150	250	J
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		50	U

					MW000RFIMW-02			MW000RFIMW-10		
					A7F030144003			A7F030144012		
					06/02/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	UJ		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	U		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L	24	5			5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-02			MW000RFIMW-10		
					A7F030144003			A7F030144012		
					06/02/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	U
33	218019	Chrysene	8270B	ug/L		5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	U
50	122394	Diphenylamine	8270B	ug/L		10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	U

						MW000RFIMW-02			MW000RFIMW-10		
						A7F030144003			A7F030144012		
						06/02/97			06/04/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L			5	U		5	U
53	86737	Fluorene	8270B	ug/L			5	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L			5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L			5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L			5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L			5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L			5	U		5	U
59	78591	Isophorone	8270B	ug/L			5	U		5	U
60	120581	Isosafrole	8270B	ug/L			10	U		10	U
61	91805	Methapyrilene	8270B	ug/L			100	U		100	U
62	95534	o-Toluidine	8270B	ug/L			10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L			100	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L			10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L			5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L			5	U		5	U
67	108394	3-Methylphenol	8270B	ug/L		18	10	JN		10	U
68	106445	4-Methylphenol	8270B	ug/L		18	10	JN		10	U
69	91203	Naphthalene	8270B	ug/L			5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L			200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L			10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L			10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L			50	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L			50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L			50	U		50	U
76	98953	Nitrobenzene	8270B	ug/L			5	U		5	U

					MW000RFIMW-02			MW000RFIMW-10		
					A7F030144003			A7F030144012		
					06/02/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		100	UJ
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UJ		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		5	U
97	109068	2-Picoline	8270B	ug/L		20	U		20	U
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U

					MW000RFIMW-02			MW000RFIMW-10		
					A7F030144003			A7F030144012		
					06/02/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

					MW000RFIMW-11			MW000RFIMW-12		
					A7F030144013			A7F030144014		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		500	U
2	60515	Dimethoate	8270B	ug/L		200	U		2,000	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		200	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		1,000	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		1,000	U
6	62442	Phenacetin	8270B	ug/L		50	U		500	U
7	23950585	Pronamide	8270B	ug/L		20	U		200	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		500	UJ
9	2303164	Diallate	8270B	ug/L		10	U		100	U
11	83329	Acenaphthene	8270B	ug/L		5	U		50	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		50	U
13	98862	Acetophenone	8270B	ug/L		10	U		100	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		200	U
15	62533	Aniline	8270B	ug/L		10	U		100	U
16	120127	Anthracene	8270B	ug/L		5	U		50	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		50	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		50	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		50	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		50	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		50	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		100	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		100	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		50	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	3.5	5	J		50	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		50	U

					MW000RFIMW-11			MW000RFIMW-12		
					A7F030144013			A7F030144014		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		50	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		100	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		50	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		100	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		50	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		100	U
33	218019	Chrysene	8270B	ug/L		5	U		50	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		50	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		50	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		50	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		200	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		50	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		100	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		50	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		500	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		50	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		50	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		100	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		100	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		500	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		500	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		50	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		50	U
50	122394	Diphenylamine	8270B	ug/L		10	U		100	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		100	U

					MW000RFIMW-11 A7F030144013 06/04/97 U WATER			MW000RFIMW-12 A7F030144014 06/04/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	U		50	U
53	86737	Fluorene	8270B	ug/L		5	U		50	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		50	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		50	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		50	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		50	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		50	U
59	78591	Isophorone	8270B	ug/L		5	U		50	U
60	120581	Isosafrole	8270B	ug/L		10	U		100	U
61	91805	Methapyrilene	8270B	ug/L		100	U		1,000	U
62	95534	o-Toluidine	8270B	ug/L		10	U		100	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		1,000	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		100	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		50	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		50	U
67	108394	3-Methylphenol	8270B	ug/L		10	U	84	100	JN
68	106445	4-Methylphenol	8270B	ug/L		10	U	84	100	JN
69	91203	Naphthalene	8270B	ug/L		5	U		50	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		2,000	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		100	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		100	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		500	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		500	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		500	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		50	U

					MW000RFIMW-11			MW000RFIMW-12		
					A7F030144013			A7F030144014		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		100	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		500	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		1,000	UJ
80	88857	Dinoseb	8270B	ug/L		10	U		100	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		100	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		100	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		100	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		50	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		50	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		100	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		100	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		100	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		100	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		100	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		50	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		500	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		500	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		500	U
95	85018	Phenanthrene	8270B	ug/L		5	U		50	U
96	108952	Phenol	8270B	ug/L		5	U		690	U*
97	109068	2-Picoline	8270B	ug/L		20	U		200	U
98	129000	Pyrene	8270B	ug/L		5	U		50	U
99	110861	Pyridine	8270B	ug/L		10	U		100	U
100	94597	Safrole	8270B	ug/L		10	U		100	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		50	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-11			MW000RFIMW-12		
					A7F030144013			A7F030144014		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		500	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		50	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		100	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		50	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		500	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		100	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		500	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		100	U

					MW000RFIMW-22			MW000RFIMW-23		
					A7F030144001			A7F030144021		
					06/02/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		3,000	U		50	U
2	60515	Dimethoate	8270B	ug/L		12,000	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		1,200	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		6,000	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		6,000	UJ		100	U
6	62442	Phenacetin	8270B	ug/L		3,000	U		50	U
7	23950585	Pronamide	8270B	ug/L		1,200	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		3,000	U		50	UJ
9	2303164	Diallate	8270B	ug/L		600	U		10	U
11	83329	Acenaphthene	8270B	ug/L		300	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		300	U	1.9	5	J
13	98862	Acetophenone	8270B	ug/L		600	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		1,200	U		20	U
15	62533	Aniline	8270B	ug/L		600	U		10	U
16	120127	Anthracene	8270B	ug/L		300	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		300	U	9.4	5	
18	205992	Benzo(b)fluoranthene	8270B	ug/L		300	U	7.4	5	
19	207089	Benzo(k)fluoranthene	8270B	ug/L		300	U	4	5	J
20	191242	Benzo(ghi)perylene	8270B	ug/L		300	U	3.1	5	J
21	50328	Benzo(a)pyrene	8270B	ug/L		300	U	6.1	5	
22	100516	Benzyl alcohol	8270B	ug/L		600	U		10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		600	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L	87	300	J		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		300	U		5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		300	U		5	U

					MW000RFIMW-22			MW000RFIMW-23		
					A7F030144001			A7F030144021		
					06/02/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		300	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L		600	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		300	U		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L		600	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		300	U		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		600	U		10	U
33	218019	Chrysene	8270B	ug/L		300	U	8.2	5	
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		300	U	1	5	J
35	132649	Dibenzofuran	8270B	ug/L		300	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		300	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		1,200	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		300	U		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L		600	U		10	UR
40	84662	Diethyl phthalate	8270B	ug/L		300	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		3,000	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		300	U		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L		300	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		600	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		600	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		3,000	U		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L		3,000	U		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L		300	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		300	U		5	U
50	122394	Diphenylamine	8270B	ug/L		600	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		600	U		10	U

					MW000RFIMW-22			MW000RFIMW-23		
					A7F030144001			A7F030144021		
					06/02/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		300	U	28	5	
53	86737	Fluorene	8270B	ug/L		300	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		300	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		300	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		300	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		300	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		300	U	3.8	5	J
59	78591	Isophorone	8270B	ug/L		300	U		5	U
60	120581	Isosafrole	8270B	ug/L		600	U		10	U
61	91805	Methapyrilene	8270B	ug/L		6,000	U		100	U
62	95534	o-Toluidine	8270B	ug/L		600	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		6,000	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		600	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		300	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		300	U		5	UR
67	108394	3-Methylphenol	8270B	ug/L		600	U		10	UR
68	106445	4-Methylphenol	8270B	ug/L		600	U		10	UR
69	91203	Naphthalene	8270B	ug/L		300	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		12,000	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		600	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		600	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		3,000	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		3,000	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		3,000	U		50	U
76	98953	Nitrobenzene	8270B	ug/L		300	U		5	U

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					MW000RFIMW-22			MW000RFIMW-23		
					A7F030144001			A7F030144021		
					06/02/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		600	U		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		3,000	U		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		6,000	UJ		100	U
80	88857	Dinoseb	8270B	ug/L		600	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		600	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		600	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		600	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		300	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		300	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		600	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		600	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		600	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		600	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		600	U		10	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		300	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		3,000	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		3,000	UJ		50	U
94	87865	Pentachlorophenol	8270B	ug/L		3,000	U		50	UR
95	85018	Phenanthrene	8270B	ug/L		300	U		5	U
96	108952	Phenol	8270B	ug/L		300	U		5	UR
97	109068	2-Picoline	8270B	ug/L		1,200	U		20	U
98	129000	Pyrene	8270B	ug/L		300	U	23	5	
99	110861	Pyridine	8270B	ug/L		600	U		10	U
100	94597	Safrole	8270B	ug/L		600	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		300	U		5	U

					MW000RFIMW-22			MW000RFIMW-23		
					A7F030144001			A7F030144021		
					06/02/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		3,000	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		300	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		600	U		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		300	U		5	UR
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		3,000	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		600	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		3,000	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		600	U		10	U

									MW000RFIMW-24		
									A7F030144022		
									06/05/97		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual		Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	UJ			50	U
2	60515	Dimethoate	8270B	ug/L		200	UJ			200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	UJ			20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	UJ			100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	UJ			100	U
6	62442	Phenacetin	8270B	ug/L		50	UJ			50	U
7	23950585	Pronamide	8270B	ug/L		20	UJ			20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ			50	UJ
9	2303164	Diallate	8270B	ug/L		10	UJ			10	U
11	83329	Acenaphthene	8270B	ug/L		5	UJ			5	U
12	208968	Acenaphthylene	8270B	ug/L	1.2	5	J			5	U
13	98862	Acetophenone	8270B	ug/L	1.6	10	J			10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	UJ			20	U
15	62533	Aniline	8270B	ug/L		10	UJ			10	U
16	120127	Anthracene	8270B	ug/L		5	UJ			5	U
17	56553	Benzo(a)anthracene	8270B	ug/L	6.1	5	J			5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L	4.6	5	J			5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L	2.7	5	J			5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L	2	5	J			5	U
21	50328	Benzo(a)pyrene	8270B	ug/L	3.1	5	J			5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	UJ			10	UR
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	UJ			10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	UJ			5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	UJ		1.6	5	J
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	UJ			5	U

						MW000RFIMW-24					
						A7F030144022					
						06/05/97					
						X1					
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L			5	UJ		5	U
28	106478	4-Chloroaniline	8270B	ug/L			10	UJ		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L			5	UJ		5	UR
30	91587	2-Chloronaphthalene	8270B	ug/L			10	UJ		10	U
31	95578	2-Chlorophenol	8270B	ug/L			5	UJ		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L			10	UJ		10	U
33	218019	Chrysene	8270B	ug/L		5.6	5	J		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L			5	UJ		5	U
35	132649	Dibenzofuran	8270B	ug/L			5	UJ		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L			5	UJ		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L			20	UJ		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L			5	UJ		5	UR
39	87650	2,6-Dichlorophenol	8270B	ug/L			10	UJ		10	UR
40	84662	Diethyl phthalate	8270B	ug/L			5	UJ		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L			50	UJ		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L			5	UJ		5	UR
43	131113	Dimethyl phthalate	8270B	ug/L			5	UJ		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L			10	UJ		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L			10	UJ		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L			50	UJ		50	UR
47	51285	2,4-Dinitrophenol	8270B	ug/L			50	UJ		50	UR
48	121142	2,4-Dinitrotoluene	8270B	ug/L			5	UJ		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L			5	UJ		5	U
50	122394	Diphenylamine	8270B	ug/L			10	UJ		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L			10	UJ		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-24					
					A7F030144022					
					06/05/97					
					X1					
					U					
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L	19	5	J		5	U
53	86737	Fluorene	8270B	ug/L		5	UJ		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	UJ		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	UJ		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	UJ		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	UJ		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L	2.3	5	J		5	U
59	78591	Isophorone	8270B	ug/L		5	UJ		5	U
60	120581	Isosafrole	8270B	ug/L		10	UJ		10	U
61	91805	Methapyrilene	8270B	ug/L		100	UJ		100	U
62	95534	o-Toluidine	8270B	ug/L		10	UJ		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UJ		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	UJ		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	UJ		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	UJ		5	UR
67	108394	3-Methylphenol	8270B	ug/L		10	UJ		10	UR
68	106445	4-Methylphenol	8270B	ug/L		10	UJ		10	UR
69	91203	Naphthalene	8270B	ug/L		5	UJ		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	UJ		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	UJ		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	UJ		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	UJ		50	U
74	99092	3-Nitroaniline	8270B	ug/L		50	UJ		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	UJ		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	UJ		5	U

					MW000RFIMW-24					
					A7F030144022					
					06/05/97					
					X1					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	UJ		10	UR
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ		50	UR
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		100	U
80	88857	Dinoseb	8270B	ug/L		10	UJ		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	UJ		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	UJ		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	UJ		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	UJ		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	UJ		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	UJ		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	UJ		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	UJ		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	UJ		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	UJ		10	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		5	UJ		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	UJ		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UJ		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	UJ		50	UR
95	85018	Phenanthrene	8270B	ug/L		5	UJ		5	U
96	108952	Phenol	8270B	ug/L		5	UJ		5	UR
97	109068	2-Picoline	8270B	ug/L		20	UJ		20	U
98	129000	Pyrene	8270B	ug/L	18	5	J		5	U
99	110861	Pyridine	8270B	ug/L		10	UJ		10	U
100	94597	Safrole	8270B	ug/L		10	UJ		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	UJ		5	U

					MW000RFIMW-24					
					A7F030144022					
					06/05/97					
					X1					
					U					
					WATER					
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UJ		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UJ		10	UR
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UJ		5	UR
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	UJ		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	UJ		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	UJ		10	U

									MW000RFIMW-25 (MS/MSD)		
									A7F030144023		
									06/05/97		
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual		Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	UJ			50	U
2	60515	Dimethoate	8270B	ug/L		200	UJ			200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	UJ			20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	UJ			100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	UJ			100	U
6	62442	Phenacetin	8270B	ug/L		50	UJ			50	U
7	23950585	Pronamide	8270B	ug/L		20	UJ			20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ			50	UJ
9	2303164	Diallate	8270B	ug/L		10	UJ			10	U
11	83329	Acenaphthene	8270B	ug/L		5	UJ			5	U
12	208968	Acenaphthylene	8270B	ug/L		5	UJ			5	U
13	98862	Acetophenone	8270B	ug/L		10	UJ			10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	UJ			20	U
15	62533	Aniline	8270B	ug/L		10	UJ			10	U
16	120127	Anthracene	8270B	ug/L		5	UJ			5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	UJ			5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	UJ			5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	UJ			5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	UJ			5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	UJ			5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	UJ			10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	UJ			10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	UJ			5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	2	5	J			5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	UJ			5	U

BASF - Final, Semivolatile Analytical Results

						MW000RFIMW-25 (MS/MSD)					
						A7F030144023					
						06/05/97					
						X1					
						U			U		
						WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	UJ		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	UJ		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	UJ		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	UJ		5	UR
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	UJ		10	U
33	218019	Chrysene	8270B	ug/L		5	UJ		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	UJ		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	UJ		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	UJ		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	UJ		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UJ		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	UJ		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	UJ		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	UJ		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UJ		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	UJ		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	UJ		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	UJ		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UJ		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UJ		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	UJ		5	U
50	122394	Diphenylamine	8270B	ug/L		10	UJ		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	UJ		10	U

								MW000RFIMW-25 (MS/MSD)		
								A7F030144023		
								06/05/97		
					X1					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	UJ		5	U
53	86737	Fluorene	8270B	ug/L		5	UJ		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	UJ		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	UJ		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	UJ		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	UJ		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	UJ		5	U
59	78591	Isophorone	8270B	ug/L		5	UJ		5	U
60	120581	Isosafrole	8270B	ug/L		10	UJ		10	U
61	91805	Methapyrilene	8270B	ug/L		100	UJ		100	U
62	95534	o-Toluidine	8270B	ug/L		10	UJ		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UJ		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	UJ		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	UJ		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	UJ		5	U
67	108394	3-Methylphenol	8270B	ug/L		10	UJ		10	U
68	106445	4-Methylphenol	8270B	ug/L		10	UJ		10	U
69	91203	Naphthalene	8270B	ug/L		5	UJ		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	UJ		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	UJ		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	UJ		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	UJ		50	U
74	99092	3-Nitroaniline	8270B	ug/L		50	UJ		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	UJ		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	UJ		5	U

BASF - Final, Semivolatile Analytical Results

									MW000RFIMW-25 (MS/MSD)			
									A7F030144023			
									06/05/97			
					X1							
					U				U			
					WATER				WATER			
					Result	Detect Limit	Final Qual		Result	Detect Limit	Final Qual	
77	88755	2-Nitrophenol	8270B	ug/L		10	UJ			10	U	
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ			50	U	
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ			100	U	
80	88857	Dinoseb	8270B	ug/L		10	UJ			10	U	
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	UJ			10	U	
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	UJ			10	U	
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	UJ			10	U	
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	UJ			5	U	
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	UJ			5	U	
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	UJ			10	U	
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	UJ			10	U	
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	UJ			10	U	
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	UJ			10	U	
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	UJ			10	UJ	
91	608935	Pentachlorobenzene	8270B	ug/L		5	UJ			5	U	
92	76017	Pentachloroethane	8270B	ug/L		50	UJ			50	U	
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UJ			50	U	
94	87865	Pentachlorophenol	8270B	ug/L		50	UJ			50	U	
95	85018	Phenanthrene	8270B	ug/L		5	UJ			5	U	
96	108952	Phenol	8270B	ug/L		5	UJ			5	U	
97	109068	2-Picoline	8270B	ug/L		20	UJ			20	U	
98	129000	Pyrene	8270B	ug/L		5	UJ			5	U	
99	110861	Pyridine	8270B	ug/L		10	UJ			10	U	
100	94597	Safrole	8270B	ug/L		10	UJ			10	U	
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	UJ			5	U	

					MW000RFIMW-25 (MS/MSD)					
					A7F030144023					
					06/05/97					
					X1					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UJ		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UJ		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UJ		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	UJ		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	UJ		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	UJ		10	U

BASF - Final, Semivolatile Analytical Results

						MW000RFIMW-26					
						A7F030144024					
						06/05/97					
					X1						
					U				U		
					WATER				WATER		
					Result	Detect Limit	Final Qual		Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	UJ			50	U
2	60515	Dimethoate	8270B	ug/L		200	UJ			200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	UJ			20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	UJ			100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	UJ			100	U
6	62442	Phenacetin	8270B	ug/L		50	UJ			50	U
7	23950585	Pronamide	8270B	ug/L		20	UJ			20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ			50	UJ
9	2303164	Diallate	8270B	ug/L		10	UJ			10	U
11	83329	Acenaphthene	8270B	ug/L		5	UJ			5	U
12	208968	Acenaphthylene	8270B	ug/L		5	UJ			5	U
13	98862	Acetophenone	8270B	ug/L		10	UJ			10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	UJ			20	U
15	62533	Aniline	8270B	ug/L		10	UJ			10	U
16	120127	Anthracene	8270B	ug/L		5	UJ			5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	UJ			5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	UJ			5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	UJ			5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	UJ			5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	UJ			5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	UJ			10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	UJ			10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	UJ			5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	UJ			5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	UJ			5	U

									MW000RFIMW-26			
									A7F030144024			
									06/05/97			
					X1							
					U				U			
					WATER				WATER			
					Result	Detect Limit	Final Qual		Result	Detect Limit	Final Qual	
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	UJ			5	U	
28	106478	4-Chloroaniline	8270B	ug/L		10	UJ			10	U	
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ			5	U	
30	91587	2-Chloronaphthalene	8270B	ug/L		10	UJ			10	U	
31	95578	2-Chlorophenol	8270B	ug/L		5	UR			5	U	
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	UJ			10	U	
33	218019	Chrysene	8270B	ug/L		5	UJ			5	U	
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	UJ			5	U	
35	132649	Dibenzofuran	8270B	ug/L		5	UJ			5	U	
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	UJ			5	U	
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	UJ			20	U	
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UJ			5	U	
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	UJ			10	U	
40	84662	Diethyl phthalate	8270B	ug/L		5	UJ			5	U	
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	UJ			50	U	
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UJ			5	U	
43	131113	Dimethyl phthalate	8270B	ug/L		5	UJ			5	U	
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	UJ			10	U	
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	UJ			10	U	
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UJ			50	U	
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UJ			50	U	
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ			5	U	
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	UJ			5	U	
50	122394	Diphenylamine	8270B	ug/L		10	UJ			10	U	
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	UJ			10	U	

BASF - Final, Semivolatile Analytical Results

									MW000RFIMW-26		
									A7F030144024		
									06/05/97		
						X1					
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L			5	UJ		5	U
53	86737	Fluorene	8270B	ug/L			5	UJ		5	U
54	118741	Hexachlorobenzene	8270B	ug/L			5	UJ		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L			5	UJ		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L			5	UJ		5	U
57	67721	Hexachloroethane	8270B	ug/L			5	UJ		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L			5	UJ		5	U
59	78591	Isophorone	8270B	ug/L			5	UJ		5	U
60	120581	Isosafrole	8270B	ug/L			10	UJ		10	U
61	91805	Methapyrilene	8270B	ug/L			100	UJ		100	U
62	95534	o-Toluidine	8270B	ug/L			10	UJ		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L			100	UJ		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L			10	UJ		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L			5	UJ		5	U
66	95487	2-Methylphenol	8270B	ug/L			5	UJ		5	U
67	108394	3-Methylphenol	8270B	ug/L			10	UJ		10	U
68	106445	4-Methylphenol	8270B	ug/L			10	UJ		10	U
69	91203	Naphthalene	8270B	ug/L			5	UJ		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L			200	UJ		200	U
71	134327	1-Naphthylamine	8270B	ug/L			10	UJ		10	U
72	91598	2-Naphthylamine	8270B	ug/L			10	UJ		10	U
73	88744	2-Nitroaniline	8270B	ug/L			50	UJ		50	U
74	99092	3-Nitroaniline	8270B	ug/L			50	UJ		50	U
75	100016	4-Nitroaniline	8270B	ug/L			50	UJ		50	U
76	98953	Nitrobenzene	8270B	ug/L			5	UJ		5	U

										MW000RFIMW-26		
										A7F030144024		
										06/05/97		
						X1						
						U				U		
						WATER				WATER		
						Result	Detect Limit	Final Qual		Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L			10	UJ			10	U
78	100027	4-Nitrophenol	8270B	ug/L			50	UJ			50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L			100	UJ			100	U
80	88857	Dinoseb	8270B	ug/L			10	UJ			10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L			10	UJ			10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L			10	UJ			10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L			10	UJ			10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L			5	UJ			5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L			5	UJ			5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L			10	UJ			10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L			10	UJ			10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L			10	UJ			10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L			10	UJ			10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L			10	UJ			10	UJ
91	608935	Pentachlorobenzene	8270B	ug/L			5	UJ			5	U
92	76017	Pentachloroethane	8270B	ug/L			50	UJ			50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L			50	UJ			50	U
94	87865	Pentachlorophenol	8270B	ug/L			50	UR			50	U
95	85018	Phenanthrene	8270B	ug/L			5	UJ			5	U
96	108952	Phenol	8270B	ug/L			5	UR			5	U
97	109068	2-Picoline	8270B	ug/L			20	UJ			20	U
98	129000	Pyrene	8270B	ug/L			5	UJ			5	U
99	110861	Pyridine	8270B	ug/L			10	UJ			10	U
100	94597	Safrole	8270B	ug/L			10	UJ			10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L			5	UJ			5	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-26					
					A7F030144024					
					06/05/97					
					X1					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UJ		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UJ		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UJ		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	UJ		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	UJ		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	UJ		10	U

					MW000RFIMW-27			MW000RFIMW-28		
					A7F030144028			A7F030144029		
					06/06/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	4.1	5	J		5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-27			MW000RFIMW-28		
					A7F030144028			A7F030144029		
					06/06/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	U
33	218019	Chrysene	8270B	ug/L		5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	UJ		5	UJ
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U	27	5	
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	U
50	122394	Diphenylamine	8270B	ug/L		10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	U

					MW000RFIMW-27			MW000RFIMW-28		
					A7F030144028			A7F030144029		
					06/06/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	U		5	U
53	86737	Fluorene	8270B	ug/L		5	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	U
59	78591	Isophorone	8270B	ug/L		5	U		5	U
60	120581	Isosafrole	8270B	ug/L		10	U		10	U
61	91805	Methapyrilene	8270B	ug/L		100	U		100	U
62	95534	o-Toluidine	8270B	ug/L		10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U	5.6	5	
67	108394	3-Methylphenol	8270B	ug/L		10	U	18	10	JN
68	106445	4-Methylphenol	8270B	ug/L		10	U	18	10	JN
69	91203	Naphthalene	8270B	ug/L		5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-27			MW000RFIMW-28		
					A7F030144028			A7F030144029		
					06/06/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ		50	UJ
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	U		100	U
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		5	U
97	109068	2-Picoline	8270B	ug/L		20	U		20	U
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U	4.1	10	J
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U

					MW000RFIMW-27			MW000RFIMW-28		
					A7F030144028			A7F030144029		
					06/06/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-29 A7F030144015 06/04/97 U WATER			MW000RFIMW-3 A7F030144020 06/05/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U	15	5	
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U

						MW000RFIMW-29 A7F030144015 06/04/97 U WATER			MW000RFIMW-3 A7F030144020 06/05/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L			5	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L			10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L			5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L			10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L			5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L			10	U		10	U
33	218019	Chrysene	8270B	ug/L			5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L			5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L			5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L			5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L			20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L			5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L			10	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L			5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L			50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L			5	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L			5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L			10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L			10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L			50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L			50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L			5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L			5	U		5	U
50	122394	Diphenylamine	8270B	ug/L			10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L			10	U		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-29			MW000RFIMW-3		
					A7F030144015			A7F030144020		
					06/04/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	U		5	U
53	86737	Fluorene	8270B	ug/L		5	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	U
59	78591	Isophorone	8270B	ug/L		5	U		5	U
60	120581	Isosafrole	8270B	ug/L		10	U		10	U
61	91805	Methapyrilene	8270B	ug/L		100	U		100	U
62	95534	o-Toluidine	8270B	ug/L		10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	U
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	U
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	U
69	91203	Naphthalene	8270B	ug/L		5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	U

					MW000RFIMW-29			MW000RFIMW-3		
					A7F030144015			A7F030144020		
					06/04/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		100	UJ
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		5	U
97	109068	2-Picoline	8270B	ug/L		20	U		20	U
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-29			MW000RFIMW-3		
					A7F030144015			A7F030144020		
					06/04/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

					MW000RFIMW-30					
					A7F030144019					
					06/05/97					
								I1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		100	U
2	60515	Dimethoate	8270B	ug/L		200	U		400	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		40	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		200	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		200	U
6	62442	Phenacetin	8270B	ug/L		50	U		100	U
7	23950585	Pronamide	8270B	ug/L		20	U		40	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		100	UJ
9	2303164	Diallate	8270B	ug/L		10	U		20	U
11	83329	Acenaphthene	8270B	ug/L	2.1	5	J	3.2	10	J
12	208968	Acenaphthylene	8270B	ug/L		5	U		10	U
13	98862	Acetophenone	8270B	ug/L		10	U		20	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		40	U
15	62533	Aniline	8270B	ug/L		10	U		20	U
16	120127	Anthracene	8270B	ug/L		5	U		10	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		10	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		10	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		10	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		10	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		10	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		20	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		20	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		10	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L	1.3	5	J		10	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-30			I1		
					A7F030144019					
					06/05/97					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		10	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		20	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		10	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		20	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		10	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		20	U
33	218019	Chrysene	8270B	ug/L		5	U		10	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		10	U
35	132649	Dibenzofuran	8270B	ug/L	2.4	5	J	3	10	J
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		10	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		40	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		10	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		20	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		10	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		100	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		10	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		10	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		20	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		20	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		100	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		100	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		10	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		10	U
50	122394	Diphenylamine	8270B	ug/L		10	U		20	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		20	U

					MW000RFIMW-30			I1		
					A7F030144019					
					06/05/97					
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	U		10	U
53	86737	Fluorene	8270B	ug/L		5	U		10	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		10	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		10	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		10	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		10	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		10	U
59	78591	Isophorone	8270B	ug/L		5	U		10	U
60	120581	Isosafrole	8270B	ug/L		10	U		20	U
61	91805	Methapyrilene	8270B	ug/L		100	U		200	U
62	95534	o-Toluidine	8270B	ug/L		10	U		20	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		200	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		20	U
65	91576	2-Methylnaphthalene	8270B	ug/L	100	5	J	110	10	
66	95487	2-Methylphenol	8270B	ug/L	3.5	5	J	3.5	10	J
67	108394	3-Methylphenol	8270B	ug/L	14	10	JN	15	20	JN
68	106445	4-Methylphenol	8270B	ug/L	14	10	JN	15	20	JN
69	91203	Naphthalene	8270B	ug/L	61	5		67	10	
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		400	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		20	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		20	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		100	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		100	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		100	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-30			I1		
					A7F030144019			U		
					06/05/97			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		20	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		100	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		200	U
80	88857	Dinoseb	8270B	ug/L		10	U		20	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		20	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		20	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		20	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		10	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		10	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		20	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		20	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		20	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		20	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		20	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		10	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		100	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		100	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		100	U
95	85018	Phenanthrene	8270B	ug/L	2.7	5	J	3	10	J
96	108952	Phenol	8270B	ug/L		88	U*		98	U*
97	109068	2-Picoline	8270B	ug/L		20	U		40	U
98	129000	Pyrene	8270B	ug/L		5	U		10	U
99	110861	Pyridine	8270B	ug/L		10	U		20	U
100	94597	Safrole	8270B	ug/L		10	U		20	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		10	U

					MW000RFIMW-30					
					A7F030144019					
					06/05/97					
								I1		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		100	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		10	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		20	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		10	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		100	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		20	U
108	123911	1,4-Dioxane	8270B	ug/L	29	50	J	36	100	J
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		20	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-4			MW000RFIMW-5 (MS/MSD)		
					A7F030144005			A7F030144006		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	UJ		100	UJ
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	U		50	U
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U	3	5	J
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U

						MW000RFIMW-4			MW000RFIMW-5 (MS/MSD)		
						A7F030144005			A7F030144006		
						06/03/97			06/03/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L			5	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L			10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L			5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L			10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L			5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L			10	U		10	U
33	218019	Chrysene	8270B	ug/L			5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L			5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L			5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L			5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L			20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L			5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L			10	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L			5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L			50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L			5	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L			5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L			10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L			10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L			50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L			50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L			5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L			5	U		5	U
50	122394	Diphenylamine	8270B	ug/L			10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L			10	U		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-4			MW000RFIMW-5 (MS/MSD)		
					A7F030144005			A7F030144006		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	U		5	U
53	86737	Fluorene	8270B	ug/L		5	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	U
59	78591	Isophorone	8270B	ug/L		5	U		5	U
60	120581	Isosafrole	8270B	ug/L		10	U		10	U
61	91805	Methapyrilene	8270B	ug/L		100	U		100	U
62	95534	o-Toluidine	8270B	ug/L		10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U	2.7	5	J
67	108394	3-Methylphenol	8270B	ug/L		10	U	29	10	JN
68	106445	4-Methylphenol	8270B	ug/L		10	U	29	10	JN
69	91203	Naphthalene	8270B	ug/L		5	U	2.9	5	J
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	U

					MW000RFIMW-4			MW000RFIMW-5 (MS/MSD)		
					A7F030144005			A7F030144006		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		100	UJ
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UJ		50	UJ
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		22	U*
97	109068	2-Picoline	8270B	ug/L		20	U		20	U
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-4 A7F030144005 06/03/97 U WATER			MW000RFIMW-5 (MS/MSD) A7F030144006 06/03/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U	1.8	10	J
108	123911	1,4-Dioxane	8270B	ug/L	11	50	J		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

					MW000RFIMW-6 A7F030144007 06/03/97 U WATER			MW000RFIMW-7 A7F030144008 06/03/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		100	U
2	60515	Dimethoate	8270B	ug/L		200	U		400	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		40	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		200	U
5	1888717	Hexachloropropene	8270B	ug/L		100	UJ		200	UJ
6	62442	Phenacetin	8270B	ug/L		50	U		100	U
7	23950585	Pronamide	8270B	ug/L		20	U		40	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	U		100	U
9	2303164	Diallate	8270B	ug/L		10	U		20	U
11	83329	Acenaphthene	8270B	ug/L		5	U	2.2	10	J
12	208968	Acenaphthylene	8270B	ug/L		5	U		10	U
13	98862	Acetophenone	8270B	ug/L		10	U		20	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		40	U
15	62533	Aniline	8270B	ug/L		10	U		20	U
16	120127	Anthracene	8270B	ug/L		5	U		10	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		10	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		10	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		10	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		10	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		10	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		20	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		20	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		10	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		10	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-6 A7F030144007 06/03/97 U WATER			MW000RFIMW-7 A7F030144008 06/03/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		10	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		20	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		10	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		20	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		10	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		20	U
33	218019	Chrysene	8270B	ug/L		5	U		10	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		10	U
35	132649	Dibenzofuran	8270B	ug/L		5	U	2.6	10	J
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		10	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		40	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		10	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		20	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		10	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		100	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		10	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		10	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		20	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		20	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		100	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		100	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		10	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		10	U
50	122394	Diphenylamine	8270B	ug/L		10	U		20	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		20	U

					MW000RFIMW-6 A7F030144007 06/03/97 U WATER			MW000RFIMW-7 A7F030144008 06/03/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	U		10	U
53	86737	Fluorene	8270B	ug/L		5	U		10	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		10	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		10	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		10	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		10	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		10	U
59	78591	Isophorone	8270B	ug/L		5	U		10	U
60	120581	Isosafrole	8270B	ug/L		10	U		20	U
61	91805	Methapyrilene	8270B	ug/L		100	U		200	U
62	95534	o-Toluidine	8270B	ug/L		10	U		20	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		200	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		20	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U	110	10	
66	95487	2-Methylphenol	8270B	ug/L		5	U		10	U
67	108394	3-Methylphenol	8270B	ug/L	8.6	10	JN	9.2	20	JN
68	106445	4-Methylphenol	8270B	ug/L	8.6	10	JN	9.2	20	JN
69	91203	Naphthalene	8270B	ug/L	1.5	5	J	63	10	
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		400	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		20	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		20	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		100	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		100	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		100	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		10	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-6			MW000RFIMW-7		
					A7F030144007			A7F030144008		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		20	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		100	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		200	UJ
80	88857	Dinoseb	8270B	ug/L		10	U		20	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		20	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		20	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		20	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		10	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		10	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		20	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		20	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		20	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		20	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		20	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		10	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		100	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UJ		100	UJ
94	87865	Pentachlorophenol	8270B	ug/L		50	U		100	U
95	85018	Phenanthrene	8270B	ug/L		5	U		10	U
96	108952	Phenol	8270B	ug/L		12	U*		58	U*
97	109068	2-Picoline	8270B	ug/L		20	U		40	U
98	129000	Pyrene	8270B	ug/L		5	U		10	U
99	110861	Pyridine	8270B	ug/L		10	U		20	U
100	94597	Safrole	8270B	ug/L		10	U		20	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		10	U

					MW000RFIMW-6 A7F030144007 06/03/97 U WATER			MW000RFIMW-7 A7F030144008 06/03/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		100	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		10	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		20	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		10	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		100	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L	15	10			20	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U	24	100	J
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		20	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-8			MW000RFIMW-9		
					A7F030144009			A7F030144011		
					06/03/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	UJ		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	U		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U	2.4	5	J
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U

					MW000RFIMW-8			MW000RFIMW-9		
					A7F030144009			A7F030144011		
					06/03/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	U
33	218019	Chrysene	8270B	ug/L		5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	U
50	122394	Diphenylamine	8270B	ug/L		10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	U

						MW000RFIMW-8 A7F030144009 06/03/97 U WATER			MW000RFIMW-9 A7F030144011 06/04/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L			5	U		5	U
53	86737	Fluorene	8270B	ug/L			5	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L			5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L			5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L			5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L			5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L			5	U		5	U
59	78591	Isophorone	8270B	ug/L			5	U		5	U
60	120581	Isosafrole	8270B	ug/L			10	U		10	U
61	91805	Methapyrilene	8270B	ug/L			100	U		100	U
62	95534	o-Toluidine	8270B	ug/L			10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L			100	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L			10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L			5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L			5	U		5	U
67	108394	3-Methylphenol	8270B	ug/L			10	U		10	U
68	106445	4-Methylphenol	8270B	ug/L			10	U		10	U
69	91203	Naphthalene	8270B	ug/L			5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L			200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L			10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L			10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L			50	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L			50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L			50	U		50	U
76	98953	Nitrobenzene	8270B	ug/L			5	U		5	U

					MW000RFIMW-8			MW000RFIMW-9		
					A7F030144009			A7F030144011		
					06/03/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		100	UJ
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	U
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UJ		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L		5	U		5	U
97	109068	2-Picoline	8270B	ug/L		20	U		20	U
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					MW000RFIMW-8 A7F030144009 06/03/97 U WATER			MW000RFIMW-9 A7F030144011 06/04/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

					RS000RFIMW-12			RS000RFIMW-26		
					A7F030144017			A7F030144025		
					06/04/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	U		50	U
2	60515	Dimethoate	8270B	ug/L		200	U		200	U
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	U		20	U
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	U		100	U
5	1888717	Hexachloropropene	8270B	ug/L		100	U		100	U
6	62442	Phenacetin	8270B	ug/L		50	U		50	U
7	23950585	Pronamide	8270B	ug/L		20	U		20	U
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ		50	UJ
9	2303164	Diallate	8270B	ug/L		10	U		10	U
11	83329	Acenaphthene	8270B	ug/L		5	U		5	U
12	208968	Acenaphthylene	8270B	ug/L		5	U		5	U
13	98862	Acetophenone	8270B	ug/L		10	U		10	U
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	U		20	U
15	62533	Aniline	8270B	ug/L		10	U		10	U
16	120127	Anthracene	8270B	ug/L		5	U		5	U
17	56553	Benzo(a)anthracene	8270B	ug/L		5	U		5	U
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	U		5	U
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	U		5	U
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	U		5	U
21	50328	Benzo(a)pyrene	8270B	ug/L		5	U		5	U
22	100516	Benzyl alcohol	8270B	ug/L		10	U		10	U
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	U		10	U
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	U		5	U
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	U		5	U
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					RS000RFIMW-12 A7F030144017 06/04/97 U WATER			RS000RFIMW-26 A7F030144025 06/05/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	U		5	U
28	106478	4-Chloroaniline	8270B	ug/L		10	U		10	U
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	U		5	U
30	91587	2-Chloronaphthalene	8270B	ug/L		10	U		10	U
31	95578	2-Chlorophenol	8270B	ug/L		5	U		5	U
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	U		10	U
33	218019	Chrysene	8270B	ug/L		5	U		5	U
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	U		5	U
35	132649	Dibenzofuran	8270B	ug/L		5	U		5	U
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	U		5	U
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	U		20	U
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	U		5	U
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	U		10	U
40	84662	Diethyl phthalate	8270B	ug/L		5	U		5	U
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	U		50	U
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	U		5	U
43	131113	Dimethyl phthalate	8270B	ug/L		5	U		5	U
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	U		10	U
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	U		10	U
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	U		50	U
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	U		50	U
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	U		5	U
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	U		5	U
50	122394	Diphenylamine	8270B	ug/L		10	U		10	U
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	U		10	U

					RS000RFIMW-12			RS000RFIMW-26		
					A7F030144017			A7F030144025		
					06/04/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	U		5	U
53	86737	Fluorene	8270B	ug/L		5	U		5	U
54	118741	Hexachlorobenzene	8270B	ug/L		5	U		5	U
55	87683	Hexachlorobutadiene	8270B	ug/L		5	U		5	U
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	U		5	U
57	67721	Hexachloroethane	8270B	ug/L		5	U		5	U
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	U		5	U
59	78591	Isophorone	8270B	ug/L		5	U		5	U
60	120581	Isosafrole	8270B	ug/L		10	U		10	U
61	91805	Methapyrilene	8270B	ug/L		100	U		100	U
62	95534	o-Toluidine	8270B	ug/L		10	U		10	U
63	56495	3-Methylcholanthrene	8270B	ug/L		100	U		100	U
64	66273	Methyl methanesulfonate	8270B	ug/L		10	U		10	U
65	91576	2-Methylnaphthalene	8270B	ug/L		5	U		5	U
66	95487	2-Methylphenol	8270B	ug/L		5	U		5	U
67	108394	3-Methylphenol	8270B	ug/L		10	U		10	U
68	106445	4-Methylphenol	8270B	ug/L		10	U		10	U
69	91203	Naphthalene	8270B	ug/L		5	U		5	U
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	U		200	U
71	134327	1-Naphthylamine	8270B	ug/L		10	U		10	U
72	91598	2-Naphthylamine	8270B	ug/L		10	U		10	U
73	88744	2-Nitroaniline	8270B	ug/L		50	U		50	U
74	99092	3-Nitroaniline	8270B	ug/L		50	U		50	U
75	100016	4-Nitroaniline	8270B	ug/L		50	U		50	U
76	98953	Nitrobenzene	8270B	ug/L		5	U		5	U

BASF - Final, Semivolatile Analytical Results

					RS000RFIMW-12 A7F030144017 06/04/97 U WATER			RS000RFIMW-26 A7F030144025 06/05/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	U		10	U
78	100027	4-Nitrophenol	8270B	ug/L		50	U		50	U
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ		100	U
80	88857	Dinoseb	8270B	ug/L		10	U		10	U
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	U		10	U
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	U		10	U
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	U		10	U
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	U		5	U
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	U		5	U
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	U		10	U
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	U		10	U
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	U		10	U
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	U		10	U
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	U		10	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		5	U		5	U
92	76017	Pentachloroethane	8270B	ug/L		50	U		50	U
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	U		50	U
94	87865	Pentachlorophenol	8270B	ug/L		50	U		50	U
95	85018	Phenanthrene	8270B	ug/L		5	U		5	U
96	108952	Phenol	8270B	ug/L	7.7	5		18	5	
97	109068	2-Picoline	8270B	ug/L		20	U		20	U
98	129000	Pyrene	8270B	ug/L		5	U		5	U
99	110861	Pyridine	8270B	ug/L		10	U		10	U
100	94597	Safrole	8270B	ug/L		10	U		10	U
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	U		5	U

					RS000RFIMW-12 A7F030144017 06/04/97 U WATER			RS000RFIMW-26 A7F030144025 06/05/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	U		50	U
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	U		5	U
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	U		10	U
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	U		5	U
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	U		10	U
108	123911	1,4-Dioxane	8270B	ug/L		50	U		50	U
222	510156	p-Chlorobenzilate	8270B	ug/L		10	U		10	U

					X1 U WATER Result	Detect Limit	Final Qual
1	92671	4-Aminobiphenyl	8270B	ug/L		50	UJ
2	60515	Dimethoate	8270B	ug/L		200	UJ
3	60117	p-Dimethylaminoazobenzene	8270B	ug/L		20	UJ
4	57976	7,12-Dimethylbenz(a)anthracene	8270B	ug/L		100	UJ
5	1888717	Hexachloropropene	8270B	ug/L		100	UJ
6	62442	Phenacetin	8270B	ug/L		50	UJ
7	23950585	Pronamide	8270B	ug/L		20	UJ
8	122098	a,a-Dimethylphenethylamine	8270B	ug/L		50	UJ
9	2303164	Diallate	8270B	ug/L		10	UJ
11	83329	Acenaphthene	8270B	ug/L		5	UJ
12	208968	Acenaphthylene	8270B	ug/L		5	UJ
13	98862	Acetophenone	8270B	ug/L		10	UJ
14	53963	2-Acetylaminofluorene	8270B	ug/L		20	UJ
15	62533	Aniline	8270B	ug/L		10	UJ
16	120127	Anthracene	8270B	ug/L		5	UJ
17	56553	Benzo(a)anthracene	8270B	ug/L		5	UJ
18	205992	Benzo(b)fluoranthene	8270B	ug/L		5	UJ
19	207089	Benzo(k)fluoranthene	8270B	ug/L		5	UJ
20	191242	Benzo(ghi)perylene	8270B	ug/L		5	UJ
21	50328	Benzo(a)pyrene	8270B	ug/L		5	UJ
22	100516	Benzyl alcohol	8270B	ug/L		10	UJ
23	111911	bis(2-Chloroethoxy)methane	8270B	ug/L		10	UJ
24	111444	bis(2-Chloroethyl) ether	8270B	ug/L		5	UJ
25	117817	bis(2-Ethylhexyl) phthalate	8270B	ug/L		5	UJ
26	101553	4-Bromophenyl phenyl ether	8270B	ug/L		5	UJ

					X1 U WATER Result	Detect Limit	Final Qual
27	85687	Butyl benzyl phthalate	8270B	ug/L		5	UJ
28	106478	4-Chloroaniline	8270B	ug/L		10	UJ
29	59507	4-Chloro-3-methylphenol	8270B	ug/L		5	UJ
30	91587	2-Chloronaphthalene	8270B	ug/L		10	UJ
31	95578	2-Chlorophenol	8270B	ug/L		5	UJ
32	7005723	4-Chlorophenyl phenyl ether	8270B	ug/L		10	UJ
33	218019	Chrysene	8270B	ug/L		5	UJ
34	53703	Dibenz(a,h)anthracene	8270B	ug/L		5	UJ
35	132649	Dibenzofuran	8270B	ug/L		5	UJ
36	84742	Di-n-butyl phthalate	8270B	ug/L		5	UJ
37	91941	3,3'-Dichlorobenzidine	8270B	ug/L		20	UJ
38	120832	2,4-Dichlorophenol	8270B	ug/L		5	UJ
39	87650	2,6-Dichlorophenol	8270B	ug/L		10	UJ
40	84662	Diethyl phthalate	8270B	ug/L		5	UJ
41	119937	3,3'-Dimethylbenzidine	8270B	ug/L		50	UJ
42	105679	2,4-Dimethylphenol	8270B	ug/L		5	UJ
43	131113	Dimethyl phthalate	8270B	ug/L		5	UJ
44	117840	Di-n-octyl phthalate	8270B	ug/L		10	UJ
45	99650	1,3-Dinitrobenzene	8270B	ug/L		10	UJ
46	534521	4,6-Dinitro-2-methylphenol	8270B	ug/L		50	UJ
47	51285	2,4-Dinitrophenol	8270B	ug/L		50	UJ
48	121142	2,4-Dinitrotoluene	8270B	ug/L		5	UJ
49	606202	2,6-Dinitrotoluene	8270B	ug/L		5	UJ
50	122394	Diphenylamine	8270B	ug/L		10	UJ
51	62500	Ethyl methanesulfonate	8270B	ug/L		10	UJ

					X1 U WATER Result	Detect Limit	Final Qual
52	206440	Fluoranthene	8270B	ug/L		5	UJ
53	86737	Fluorene	8270B	ug/L		5	UJ
54	118741	Hexachlorobenzene	8270B	ug/L		5	UJ
55	87683	Hexachlorobutadiene	8270B	ug/L		5	UJ
56	77474	Hexachlorocyclopentadiene	8270B	ug/L		5	UJ
57	67721	Hexachloroethane	8270B	ug/L		5	UJ
58	193395	Indeno(1,2,3-cd)pyrene	8270B	ug/L		5	UJ
59	78591	Isophorone	8270B	ug/L		5	UJ
60	120581	Isosafrole	8270B	ug/L		10	UJ
61	91805	Methapyrilene	8270B	ug/L		100	UJ
62	95534	o-Toluidine	8270B	ug/L		10	UJ
63	56495	3-Methylcholanthrene	8270B	ug/L		100	UJ
64	66273	Methyl methanesulfonate	8270B	ug/L		10	UJ
65	91576	2-Methylnaphthalene	8270B	ug/L		5	UJ
66	95487	2-Methylphenol	8270B	ug/L		5	UJ
67	108394	3-Methylphenol	8270B	ug/L		10	UJ
68	106445	4-Methylphenol	8270B	ug/L		10	UJ
69	91203	Naphthalene	8270B	ug/L		5	UJ
70	130154	1,4-Naphthoquinone	8270B	ug/L		200	UJ
71	134327	1-Naphthylamine	8270B	ug/L		10	UJ
72	91598	2-Naphthylamine	8270B	ug/L		10	UJ
73	88744	2-Nitroaniline	8270B	ug/L		50	UJ
74	99092	3-Nitroaniline	8270B	ug/L		50	UJ
75	100016	4-Nitroaniline	8270B	ug/L		50	UJ
76	98953	Nitrobenzene	8270B	ug/L		5	UJ

					X1 U WATER		
					Result	Detect Limit	Final Qual
77	88755	2-Nitrophenol	8270B	ug/L		10	UJ
78	100027	4-Nitrophenol	8270B	ug/L		50	UJ
79	56575	4-Nitroquinoline-1-oxide	8270B	ug/L		100	UJ
80	88857	Dinoseb	8270B	ug/L		10	UJ
81	924163	N-Nitrosodi-n-butylamine	8270B	ug/L		10	UJ
82	55185	N-Nitrosodiethylamine	8270B	ug/L		10	UJ
83	62759	N-Nitrosodimethylamine	8270B	ug/L		10	UJ
84	621647	N-Nitrosodi-n-propylamine	8270B	ug/L		5	UJ
85	86306	N-Nitrosodiphenylamine	8270B	ug/L		5	UJ
86	10595956	N-Nitrosomethylethylamine	8270B	ug/L		10	UJ
87	59892	N-Nitrosomorpholine	8270B	ug/L		10	UJ
88	100754	N-Nitrosopiperidine	8270B	ug/L		10	UJ
89	930552	N-Nitrosopyrrolidine	8270B	ug/L		10	UJ
90	99558	5-Nitro-o-toluidine	8270B	ug/L		10	UJ
91	608935	Pentachlorobenzene	8270B	ug/L		5	UJ
92	76017	Pentachloroethane	8270B	ug/L		50	UJ
93	82688	Pentachloronitrobenzene	8270B	ug/L		50	UJ
94	87865	Pentachlorophenol	8270B	ug/L		50	UJ
95	85018	Phenanthrene	8270B	ug/L		5	UJ
96	108952	Phenol	8270B	ug/L	52	5	J
97	109068	2-Picoline	8270B	ug/L		20	UJ
98	129000	Pyrene	8270B	ug/L		5	UJ
99	110861	Pyridine	8270B	ug/L		10	UJ
100	94597	Safrole	8270B	ug/L		10	UJ
101	95943	1,2,4,5-Tetrachlorobenzene	8270B	ug/L		5	UJ

					X1 U WATER Result	Detect Limit	Final Qual
102	58902	2,3,4,6-Tetrachlorophenol	8270B	ug/L		50	UJ
103	120821	1,2,4-Trichlorobenzene	8270B	ug/L		5	UJ
104	95954	2,4,5-Trichlorophenol	8270B	ug/L		10	UJ
105	88062	2,4,6-Trichlorophenol	8270B	ug/L		5	UJ
106	99354	1,3,5-Trinitrobenzene	8270B	ug/L		50	UR
107	108601	bis(2-Chloroisopropyl) ether	8270B	ug/L		10	UJ
108	123911	1,4-Dioxane	8270B	ug/L		50	UJ
222	510156	p-Chlorobenzilate	8270B	ug/L		10	UJ

BASF - Final, Pesticides/PCBs Analytical Results

					BASF					
					A7F030144					
					MW000P-34-N			MW000PM1NA		
					A7F030144027			A7F030144016		
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		50	U
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		50	U
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		50	U
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		50	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		50	U
6	57749	Chlordane	8080A	ug/L		0.5	UJ		500	U
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		50	U
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		50	U
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		100	U
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		100	U
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		100	U
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		100	U
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		50	U
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		100	U
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		100	U
16	72208	Endrin	8080A	ug/L		0.1	UJ		100	U
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		100	U
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		50	U
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		50	U
20	465736	Isodrin	8080A	ug/L		0.05	UJ		50	U
21	143500	Kepone	8080A	ug/L		1	UJ		1,000	U
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		500	U
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		500	U
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		500	U
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		500	U

BASF - Final, Pesticide/PCBs Analytical Results

						BASF					
						A7F030144					
						MW000P-34-N			MW000PM1NA		
						A7F030144027			A7F030144016		
						06/06/97			06/04/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		500	U
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		500	U
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1,000	U
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1,000	U
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		1,200	U

					MW000RFIMW-01			MW000RFIMW-02		
					A7F030144002			A7F030144003		
					06/02/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-01			MW000RFIMW-02		
					A7F030144002			A7F030144003		
					06/02/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

					MW000RFIMW-10			MW000RFIMW-11		
					A7F030144012			A7F030144013		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-10			MW000RFIMW-11		
					A7F030144012			A7F030144013		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

						MW000RFIMW-12			MW000RFIMW-22		
						A7F030144014			A7F030144001		
						06/04/97			06/02/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L			0.05	UR		2.5	U
2	319846	alpha-BHC	8080A	ug/L			0.05	UR		2.5	U
3	319857	beta-BHC	8080A	ug/L			0.05	UR		2.5	UJ
4	319868	delta-BHC	8080A	ug/L			0.05	UR		2.5	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L			0.05	UR		2.5	U
6	57749	Chlordane	8080A	ug/L			0.5	UR		25	U
7	5103719	alpha-Chlordane	8080A	ug/L			0.05	UR		2.5	U
8	5103742	gamma-Chlordane	8080A	ug/L			0.05	UR		2.5	U
9	72548	4,4'-DDD	8080A	ug/L			0.1	UR		5	U
10	72559	4,4'-DDE	8080A	ug/L			0.1	UR		5	U
11	50293	4,4'-DDT	8080A	ug/L			0.1	UR		5	U
12	60571	Dieldrin	8080A	ug/L			0.1	UR		5	UJ
13	959988	Endosulfan I	8080A	ug/L			0.05	UR		2.5	U
14	33213659	Endosulfan II	8080A	ug/L			0.1	UR		5	U
15	1031078	Endosulfan sulfate	8080A	ug/L			0.1	UR		5	U
16	72208	Endrin	8080A	ug/L			0.1	UR		5	U
17	7421934	Endrin aldehyde	8080A	ug/L			0.1	UR		5	U
18	76448	Heptachlor	8080A	ug/L			0.05	UR		2.5	U
19	1024573	Heptachlor epoxide	8080A	ug/L			0.05	UR		2.5	U
20	465736	Isodrin	8080A	ug/L			0.05	UR		2.5	U
21	143500	Kepone	8080A	ug/L			1	UR		50	U
22	72435	Methoxychlor	8080A	ug/L			0.5	UR		25	U
23	12674112	Aroclor 1016	8080A	ug/L			0.5	UR		25	U
24	11104282	Aroclor 1221	8080A	ug/L			0.5	UR		25	UJ
25	11141165	Aroclor 1232	8080A	ug/L			0.5	UR		25	U

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-12			MW000RFIMW-22		
					A7F030144014			A7F030144001		
					06/04/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UR		25	U
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UR		25	U
28	11097691	Aroclor 1254	8080A	ug/L		1	UR		50	U
29	11096825	Aroclor 1260	8080A	ug/L		1	UR		50	U
30	8001352	Toxaphene	8080A	ug/L		1.2	UR		62	U

						MW000RFIMW-23			MW000RFIMW-24		
						A7F030144021			A7F030144022		
						06/05/97			06/05/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L			0.25	U		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L			0.25	U		0.05	UJ
3	319857	beta-BHC	8080A	ug/L			0.25	U		0.05	UJ
4	319868	delta-BHC	8080A	ug/L			0.25	U		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L			0.25	U		0.05	UJ
6	57749	Chlordane	8080A	ug/L			2.5	U		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L			0.25	U		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L			0.25	U		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L			0.5	U		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L			0.5	U		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L			0.5	U		0.1	UJ
12	60571	Dieldrin	8080A	ug/L			0.5	U		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L			0.25	U		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L			0.5	U		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L			0.5	U		0.1	UJ
16	72208	Endrin	8080A	ug/L			0.5	U		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L			0.5	U		0.1	UJ
18	76448	Heptachlor	8080A	ug/L			0.25	U		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L			0.25	U		0.05	UJ
20	465736	Isodrin	8080A	ug/L			0.25	U		0.05	UJ
21	143500	Kepone	8080A	ug/L			5	U		1	UJ
22	72435	Methoxychlor	8080A	ug/L			2.5	U		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L			2.5	U		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L			2.5	U		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L			2.5	U		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-23			MW000RFIMW-24		
					A7F030144021			A7F030144022		
					06/05/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		2.5	U		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		2.5	U		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		5	U		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		5	U		1	UJ
30	8001352	Toxaphene	8080A	ug/L		6.2	U		1.2	UJ

						MW000RFIMW-25 (MS/MSD)			MW000RFIMW-26		
						A7F030144023			A7F030144024		
						06/05/97			06/05/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L			0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L			0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L			0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L			0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L			0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L			0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L			0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L			0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L			0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L			0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L			0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L			0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L			0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L			0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L			0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L			0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L			0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L			0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L			0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L			0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L			1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L			0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L			0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L			0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L			0.5	UJ		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-25 (MS/MSD)			MW000RFIMW-26		
					A7F030144023			A7F030144024		
					06/05/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		1.2	UJ

					MW000RFIMW-27			MW000RFIMW-28		
					A7F030144028			A7F030144029		
					06/06/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.5	U
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.5	U
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.5	U
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.5	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.5	U
6	57749	Chlordane	8080A	ug/L		0.5	UJ		5	U
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.5	U
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.5	U
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		1	U
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		1	U
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		1	U
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		1	U
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.5	U
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		1	U
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		1	U
16	72208	Endrin	8080A	ug/L		0.1	UJ		1	U
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		1	U
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.5	U
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.5	U
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.5	U
21	143500	Kepone	8080A	ug/L		1	UJ		10	U
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		5	U
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		5	U
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		5	U
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		5	U

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-27			MW000RFIMW-28		
					A7F030144028			A7F030144029		
					06/06/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		0.5	UJ		5	U
27	12672296	Aroclor 1248	8080A	ug/L		0.5	UJ		5	U
28	11097691	Aroclor 1254	8080A	ug/L		1	UJ		10	U
29	11096825	Aroclor 1260	8080A	ug/L		1	UJ		10	U
30	8001352	Toxaphene	8080A	ug/L		1.2	UJ		12	U

					MW000RFIMW-29			MW000RFIMW-3		
					A7F030144015			A7F030144020		
					06/04/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

						MW000RFIMW-29			MW000RFIMW-3		
						A7F030144015			A7F030144020		
						06/04/97			06/05/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		1.2	UJ

					MW000RFIMW-30			MW000RFIMW-4		
					A7F030144019			A7F030144005		
					06/05/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.25	U		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.25	U		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.25	U		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.25	U		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.25	U		0.05	UJ
6	57749	Chlordane	8080A	ug/L		2.5	U		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.25	U		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.25	U		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.5	U		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.5	U		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.5	U		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.5	U		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.25	U		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.5	U		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.5	U		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.5	U		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.5	U		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.25	U		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.25	U		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.25	U		0.05	UJ
21	143500	Kepone	8080A	ug/L		5	U		1	UJ
22	72435	Methoxychlor	8080A	ug/L		2.5	U		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		2.5	U		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		2.5	U		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		2.5	U		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

					MW000RFIMW-30			MW000RFIMW-4		
					A7F030144019			A7F030144005		
					06/05/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L		2.5	U		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L		2.5	U		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L		5	U		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L		5	U		1	UJ
30	8001352	Toxaphene	8080A	ug/L		6.2	U		1.2	UJ

					MW000RFIMW-5 (MS/MSD)			MW000RFIMW-6		
					A7F030144006			A7F030144007		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

						MW000RFIMW-5 (MS/MSD)			MW000RFIMW-6		
						A7F030144006			A7F030144007		
						06/03/97			06/03/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		1.2	UJ

					MW000RFIMW-7			MW000RFIMW-8		
					A7F030144008			A7F030144009		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	UJ
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	UJ
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	UJ
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	UJ
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	UJ
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	UJ
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	UJ
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	UJ
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	UJ
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	UJ
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	UJ
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	UJ
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	UJ
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	UJ
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	UJ
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	UJ
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	UJ
21	143500	Kepone	8080A	ug/L		1	UJ		1	UJ
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	UJ
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	UJ
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	UJ
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	UJ

BASF - Final, Pesticide/PCBs Analytical Results

						MW000RFIMW-7 A7F030144008 06/03/97 U WATER			MW000RFIMW-8 A7F030144009 06/03/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		0.5	UJ
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		0.5	UJ
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1	UJ
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1	UJ
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		1.2	UJ

					MW000RFIMW-9 A7F030144011 06/04/97 U WATER			RS000RFIMW-12 A7F030144017 06/04/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	UJ		0.05	U
2	319846	alpha-BHC	8080A	ug/L		0.05	UJ		0.05	U
3	319857	beta-BHC	8080A	ug/L		0.05	UJ		0.05	U
4	319868	delta-BHC	8080A	ug/L		0.05	UJ		0.05	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	UJ		0.05	U
6	57749	Chlordane	8080A	ug/L		0.5	UJ		0.5	U
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	UJ		0.05	U
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	UJ		0.05	U
9	72548	4,4'-DDD	8080A	ug/L		0.1	UJ		0.1	U
10	72559	4,4'-DDE	8080A	ug/L		0.1	UJ		0.1	U
11	50293	4,4'-DDT	8080A	ug/L		0.1	UJ		0.1	U
12	60571	Dieldrin	8080A	ug/L		0.1	UJ		0.1	U
13	959988	Endosulfan I	8080A	ug/L		0.05	UJ		0.05	U
14	33213659	Endosulfan II	8080A	ug/L		0.1	UJ		0.1	U
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	UJ		0.1	U
16	72208	Endrin	8080A	ug/L		0.1	UJ		0.1	U
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	UJ		0.1	U
18	76448	Heptachlor	8080A	ug/L		0.05	UJ		0.05	U
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	UJ		0.05	U
20	465736	Isodrin	8080A	ug/L		0.05	UJ		0.05	U
21	143500	Kepone	8080A	ug/L		1	UJ		1	U
22	72435	Methoxychlor	8080A	ug/L		0.5	UJ		0.5	U
23	12674112	Aroclor 1016	8080A	ug/L		0.5	UJ		0.5	U
24	11104282	Aroclor 1221	8080A	ug/L		0.5	UJ		0.5	U
25	11141165	Aroclor 1232	8080A	ug/L		0.5	UJ		0.5	U

BASF - Final, Pesticide/PCBs Analytical Results

						MW000RFIMW-9 A7F030144011 06/04/97 U WATER			RS000RFIMW-12 A7F030144017 06/04/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242	8080A	ug/L			0.5	UJ		0.5	U
27	12672296	Aroclor 1248	8080A	ug/L			0.5	UJ		0.5	U
28	11097691	Aroclor 1254	8080A	ug/L			1	UJ		1	U
29	11096825	Aroclor 1260	8080A	ug/L			1	UJ		1	U
30	8001352	Toxaphene	8080A	ug/L			1.2	UJ		1.2	U

					RS000RFIMW-26		
					A7F030144025		
					06/05/97		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	309002	Aldrin	8080A	ug/L		0.05	U
2	319846	alpha-BHC	8080A	ug/L		0.05	U
3	319857	beta-BHC	8080A	ug/L		0.05	U
4	319868	delta-BHC	8080A	ug/L		0.05	U
5	58899	gamma-BHC (Lindane)	8080A	ug/L		0.05	U
6	57749	Chlordane	8080A	ug/L		0.5	U
7	5103719	alpha-Chlordane	8080A	ug/L		0.05	U
8	5103742	gamma-Chlordane	8080A	ug/L		0.05	U
9	72548	4,4'-DDD	8080A	ug/L		0.1	U
10	72559	4,4'-DDE	8080A	ug/L		0.1	U
11	50293	4,4'-DDT	8080A	ug/L		0.1	U
12	60571	Dieldrin	8080A	ug/L		0.1	U
13	959988	Endosulfan I	8080A	ug/L		0.05	U
14	33213659	Endosulfan II	8080A	ug/L		0.1	U
15	1031078	Endosulfan sulfate	8080A	ug/L		0.1	U
16	72208	Endrin	8080A	ug/L		0.1	U
17	7421934	Endrin aldehyde	8080A	ug/L		0.1	U
18	76448	Heptachlor	8080A	ug/L		0.05	U
19	1024573	Heptachlor epoxide	8080A	ug/L		0.05	U
20	465736	Isodrin	8080A	ug/L		0.05	U
21	143500	Kepone	8080A	ug/L		1	U
22	72435	Methoxychlor	8080A	ug/L		0.5	U
23	12674112	Aroclor 1016	8080A	ug/L		0.5	U
24	11104282	Aroclor 1221	8080A	ug/L		0.5	U
25	11141165	Aroclor 1232	8080A	ug/L		0.5	U

BASF - Final, Pesticide/PCBs Analytical Results

						RS000RFIMW-26		
						A7F030144025		
						06/05/97		
						U		
						WATER		
						Result	Detect Limit	Final Qual
26	53469219	Aroclor 1242		8080A	ug/L		0.5	U
27	12672296	Aroclor 1248		8080A	ug/L		0.5	U
28	11097691	Aroclor 1254		8080A	ug/L		1	U
29	11096825	Aroclor 1260		8080A	ug/L		1	U
30	8001352	Toxaphene		8080A	ug/L		1.2	U

BASF - Final, Herbicide Analytical Results

					BASF					
					A7F030144					
					MW000P-34-N			MW000PM1NA		
					A7F030144027			A7F030144016		
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		10	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		2	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		4	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		2	U

BASF - Final, Herbicide Analytical Results

						MW000RFIMW-01			MW000RFIMW-02		
						A7F030144002			A7F030144003		
						06/02/97			06/02/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L			0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L			0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L			0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L			1	U		1	U

						MW000RFIMW-10			MW000RFIMW-11		
						A7F030144012			A7F030144013		
						06/04/97			06/04/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L			0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L			0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L			0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L			1	U		1	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-12			MW000RFIMW-22		
					A7F030144014			A7F030144001		
					06/04/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		10	U		5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		2	U	0.86	0.5	J
3	93765	2,4,5-T	8150B	ug/L		4	U		2	U
4	87865	Pentachlorophenol	8150B	ug/L		2	U		1	U

					MW000RFIMW-23			MW000RFIMW-24		
					A7F030144021			A7F030144022		
					06/05/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

						MW000RFIMW-25 (MS/MSD)			MW000RFIMW-26		
						A7F030144023			A7F030144024		
						06/05/97			06/05/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L			0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L			0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L			0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L			1	U		1	U

					MW000RFIMW-27			MW000RFIMW-28		
					A7F030144028			A7F030144029		
					06/06/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		10	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		2	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		4	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		2	U

BASF - Final, Herbicide Analytical Results

						MW000RFIMW-29			MW000RFIMW-3		
						A7F030144015			A7F030144020		
						06/04/97			06/05/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L			0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L			0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L			0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L			1	U		1	U

					MW000RFIMW-30			MW000RFIMW-4		
					A7F030144019			A7F030144005		
					06/05/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-5 (MS/MSD)			MW000RFIMW-6		
					A7F030144006			A7F030144007		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

					MW000RFIMW-7			MW000RFIMW-8		
					A7F030144008			A7F030144009		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

BASF - Final, Herbicide Analytical Results

					MW000RFIMW-9			RS000RFIMW-12		
					A7F030144011			A7F030144017		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U		1	U

					RS000RFIMW-26		
					A7F030144025		
					06/05/97		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	94757	2,4-D	8150B	ug/L		0.5	U
2	93721	2,4,5-TP (Silvex)	8150B	ug/L		0.1	U
3	93765	2,4,5-T	8150B	ug/L		0.2	U
4	87865	Pentachlorophenol	8150B	ug/L		1	U

BASF - Final, Me[redacted] Analytical Results

					BASF					
					A7F030144					
					MW000P-34-N					
					A7F030144027					
					06/06/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.0098	0.005	J	0.093	0.005	J
3	7440393	Barium	6010A	mg/L	0.15	0.01		0.23	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.041	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.011	U*	0.043	0.01	J
10	7440020	Nickel	6010A	mg/L	0.041	0.04		0.094	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.055	0.02	
14	7440666	Zinc	6010A	mg/L		0.039	U*		0.22	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U	0.0019	0.001	
16	7440473	Chromium	6010A -T	mg/L		0.005	UJ	0.034	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.02	0.005	

BASF - Final, Metals Analytical Results

					MW000PM1NA					
					A7F030144016					
					06/04/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U	0.001	0.0002	
2	7440382	Arsenic	6010A -T	mg/L	0.49	0.005	J	0.64	0.005	J
3	7440393	Barium	6010A	mg/L	0.05	0.01		0.18	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.087	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.014	U*	0.072	0.01	
10	7440020	Nickel	6010A	mg/L		0.04	U	0.12	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L	0.031	0.02		0.068	0.02	
14	7440666	Zinc	6010A	mg/L						
15	7440439	Cadmium	6010A -T	mg/L		0.001	U	0.0021	0.001	
16	7440473	Chromium	6010A -T	mg/L	0.02	0.005	J	0.12	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.018	U*		0.021	U*
18	57125	Total Cyanide	9012	mg/L				0.068	0.005	J

					X1 F WATER			U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L						
2	7440382	Arsenic	6010A -T	mg/L						
3	7440393	Barium	6010A	mg/L						
4	7439921	Lead	6010A -T	mg/L						
5	7440417	Beryllium	6010A	mg/L						
6	7782492	Selenium	6010A -T	mg/L						
7	7440280	Thallium	6010A -T	mg/L						
8	7440484	Cobalt	6010A	mg/L						
9	7440508	Copper	6010A	mg/L						
10	7440020	Nickel	6010A	mg/L						
11	7440224	Silver	6010A	mg/L						
12	7440315	Tin	6010A	mg/L						
13	7440622	Vanadium	6010A	mg/L						
14	7440666	Zinc	6010A	mg/L		0.12	U*		0.25	U*
15	7440439	Cadmium	6010A -T	mg/L						
16	7440473	Chromium	6010A -T	mg/L						
17	7440360	Antimony	6010A -T	mg/L						
18	57125	Total Cyanide	9012	mg/L						

BASF - Final, Metals Analytical Results

						MW000RFIMW-01					
						A7F030144002					
						06/02/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.0076	0.005		0.0059	0.005	
3	7440393	Barium	6010A	mg/L		0.25	0.01		0.24	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U*		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.016	U*		0.014	U*
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.044	U*		0.021	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.027	0.005	J

					MW000RFIMW-02					
					A7F030144003					
					06/02/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U	0.017	0.005	
3	7440393	Barium	6010A	mg/L	0.48	0.01		0.48	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.01	0.003	J
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.014	U*
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.024	U*	0.042	0.01	J
10	7440020	Nickel	6010A	mg/L		0.04	U	0.051	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.03	0.02	
14	7440666	Zinc	6010A	mg/L		0.095	U*		0.11	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U	0.0021	0.001	
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.041	0.005	
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.009	0.005	J

BASF - Final, Metals Analytical Results

						MW000RFIMW-10					
						A7F030144012					
						06/04/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.016	0.005		0.015	0.005	
3	7440393	Barium	6010A	mg/L		0.81	0.01		0.79	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U		0.067	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.01	0.005	J

					MW000RFIMW-11					
					A7F030144013					
					06/04/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U	0.0056	0.0002	
2	7440382	Arsenic	6010A -T	mg/L	0.013	0.005	J	0.12	0.005	J
3	7440393	Barium	6010A	mg/L	0.12	0.01		0.28	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.22	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U	0.37	0.01	
10	7440020	Nickel	6010A	mg/L		0.04	U	0.13	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.073	0.02	
14	7440666	Zinc	6010A	mg/L						
15	7440439	Cadmium	6010A -T	mg/L		0.001	U	0.004	0.001	
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.1	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.0087	U*
18	57125	Total Cyanide	9012	mg/L				0.009	0.005	J

BASF - Final, Metals Analytical Results

						X1 F WATER			U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L							
2	7440382	Arsenic	6010A -T	mg/L							
3	7440393	Barium	6010A	mg/L							
4	7439921	Lead	6010A -T	mg/L							
5	7440417	Beryllium	6010A	mg/L							
6	7782492	Selenium	6010A -T	mg/L							
7	7440280	Thallium	6010A -T	mg/L							
8	7440484	Cobalt	6010A	mg/L							
9	7440508	Copper	6010A	mg/L							
10	7440020	Nickel	6010A	mg/L							
11	7440224	Silver	6010A	mg/L							
12	7440315	Tin	6010A	mg/L							
13	7440622	Vanadium	6010A	mg/L							
14	7440666	Zinc	6010A	mg/L			0.04	U*		0.53	U*
15	7440439	Cadmium	6010A -T	mg/L							
16	7440473	Chromium	6010A -T	mg/L							
17	7440360	Antimony	6010A -T	mg/L							
18	57125	Total Cyanide	9012	mg/L							

						MW000RFIMW-12					
						A7F030144014					
						06/04/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0033	0.0002		0.0039	0.0002	
2	7440382	Arsenic	6010A -T	mg/L		0.33	0.005	J	0.41	0.005	J
3	7440393	Barium	6010A	mg/L		0.027	0.01		0.043	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.0052	0.005		0.0069	0.005	
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.013	U*		0.02	U*
10	7440020	Nickel	6010A	mg/L		0.21	0.04		0.24	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.31	0.02		0.38	0.02	
14	7440666	Zinc	6010A	mg/L							
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.059	0.005	J	0.069	0.005	J
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.006	0.005	J

BASF - Final, Metals Analytical Results

						X1 F WATER			U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L							
2	7440382	Arsenic	6010A -T	mg/L							
3	7440393	Barium	6010A	mg/L							
4	7439921	Lead	6010A -T	mg/L							
5	7440417	Beryllium	6010A	mg/L							
6	7782492	Selenium	6010A -T	mg/L							
7	7440280	Thallium	6010A -T	mg/L							
8	7440484	Cobalt	6010A	mg/L							
9	7440508	Copper	6010A	mg/L							
10	7440020	Nickel	6010A	mg/L							
11	7440224	Silver	6010A	mg/L							
12	7440315	Tin	6010A	mg/L							
13	7440622	Vanadium	6010A	mg/L							
14	7440666	Zinc	6010A	mg/L			0.12	U*		0.078	U*
15	7440439	Cadmium	6010A -T	mg/L							
16	7440473	Chromium	6010A -T	mg/L							
17	7440360	Antimony	6010A -T	mg/L							
18	57125	Total Cyanide	9012	mg/L							

						MW000RFIMW-22			U		
						A7F030144001					
						06/02/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.33	0.005		0.31	0.005	
3	7440393	Barium	6010A	mg/L		0.14	0.01		0.14	0.01	
4	7439921	Lead	6010A -T	mg/L		0.0046	0.003		0.0054	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.011	0.005		0.011	0.005	
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.038	0.01			0.036	U*
10	7440020	Nickel	6010A	mg/L		0.11	0.04		0.1	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		1.1	0.02		1	0.02	
14	7440666	Zinc	6010A	mg/L			0.064	U*		0.069	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.1	0.005		0.093	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					39	2.5	J

BASF - Final, Metals Analytical Results

					MW000RFIMW-23					
					A7F030144021					
					06/05/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.0094	0.005	J	0.012	0.005	J
3	7440393	Barium	6010A	mg/L	0.094	0.01		0.099	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.011	U*		0.015	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L						
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				1.3	0.12	J

						X1 F WATER			U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L							
2	7440382	Arsenic	6010A -T	mg/L							
3	7440393	Barium	6010A	mg/L							
4	7439921	Lead	6010A -T	mg/L							
5	7440417	Beryllium	6010A	mg/L							
6	7782492	Selenium	6010A -T	mg/L							
7	7440280	Thallium	6010A -T	mg/L							
8	7440484	Cobalt	6010A	mg/L							
9	7440508	Copper	6010A	mg/L							
10	7440020	Nickel	6010A	mg/L							
11	7440224	Silver	6010A	mg/L							
12	7440315	Tin	6010A	mg/L							
13	7440622	Vanadium	6010A	mg/L							
14	7440666	Zinc	6010A	mg/L			0.051	U*		0.18	U*
15	7440439	Cadmium	6010A -T	mg/L							
16	7440473	Chromium	6010A -T	mg/L							
17	7440360	Antimony	6010A -T	mg/L							
18	57125	Total Cyanide	9012	mg/L							

BASF - Final, Metals Analytical Results

						MW000RFIMW-24					
						A7F030144022					
						06/05/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L		0.042	0.01		0.054	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.0055	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.025	U*
10	7440020	Nickel	6010A	mg/L		0.38	0.04	R	0.16	0.04	R
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U			
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.36	0.005	J
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.63	0.05	J

						MW000RFIMW-25 (MS/MSD)					
						A7F030144023					
						06/05/97					
					X1						
					U				F		
					WATER				WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L					0.0002	U
2	7440382	Arsenic	6010A -T	mg/L					0.005	UJ
3	7440393	Barium	6010A	mg/L				0.2	0.01	
4	7439921	Lead	6010A -T	mg/L					0.003	U
5	7440417	Beryllium	6010A	mg/L					0.005	U
6	7782492	Selenium	6010A -T	mg/L					0.005	U
7	7440280	Thallium	6010A -T	mg/L					0.01	U
8	7440484	Cobalt	6010A	mg/L					0.05	U
9	7440508	Copper	6010A	mg/L					0.01	U
10	7440020	Nickel	6010A	mg/L					0.04	U
11	7440224	Silver	6010A	mg/L					0.01	U
12	7440315	Tin	6010A	mg/L					1	UJ
13	7440622	Vanadium	6010A	mg/L					0.02	U
14	7440666	Zinc	6010A	mg/L		0.075	U*			
15	7440439	Cadmium	6010A -T	mg/L					0.001	U
16	7440473	Chromium	6010A -T	mg/L					0.005	U
17	7440360	Antimony	6010A -T	mg/L					0.005	U
18	57125	Total Cyanide	9012	mg/L						

BASF - Final, Metals Analytical Results

					U WATER			X1 F WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U			
2	7440382	Arsenic	6010A -T	mg/L	0.018	0.005	J			
3	7440393	Barium	6010A	mg/L	0.27	0.01				
4	7439921	Lead	6010A -T	mg/L	0.011	0.003				
5	7440417	Beryllium	6010A	mg/L		0.005	U			
6	7782492	Selenium	6010A -T	mg/L		0.005	U			
7	7440280	Thallium	6010A -T	mg/L		0.01	U			
8	7440484	Cobalt	6010A	mg/L		0.05	U			
9	7440508	Copper	6010A	mg/L	0.04	0.01	J			
10	7440020	Nickel	6010A	mg/L	0.16	0.04				
11	7440224	Silver	6010A	mg/L		0.01	U			
12	7440315	Tin	6010A	mg/L		1	UJ			
13	7440622	Vanadium	6010A	mg/L	0.057	0.02				
14	7440666	Zinc	6010A	mg/L		0.17	U*		0.052	U*
15	7440439	Cadmium	6010A -T	mg/L	0.0016	0.001				
16	7440473	Chromium	6010A -T	mg/L	1.4	0.005	J			
17	7440360	Antimony	6010A -T	mg/L		0.005	U			
18	57125	Total Cyanide	9012	mg/L	0.44	0.05	J			

					MW000RFIMW-26			U		
					A7F030144024					
					06/05/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	UJ	0.038	0.005	J
3	7440393	Barium	6010A	mg/L	0.42	0.01		0.68	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.024	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.015	U*	0.15	0.01	
10	7440020	Nickel	6010A	mg/L	0.22	0.04		1	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.072	0.02	
14	7440666	Zinc	6010A	mg/L		0.024	U*		0.16	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U	0.0019	0.001	
16	7440473	Chromium	6010A -T	mg/L		0.005	UJ	6.4	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.0051	U*
18	57125	Total Cyanide	9012	mg/L				0.32	0.005	J

BASF - Final, Metals Analytical Results

						MW000RFIMW-27					
						A7F030144028					
						06/06/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L		0.18	0.01		0.18	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.019	U*		0.022	U*
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.032	U*	0.34	0.02	J
15	7440439	Cadmium	6010A -T	mg/L		0.0011	0.001			0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.0087	U*	0.014	0.005	J
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.048	0.005	

						MW000RFIMW-28					
						A7F030144029					
						06/06/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.038	0.005	J	0.044	0.005	J
3	7440393	Barium	6010A	mg/L		0.045	0.01		0.063	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.005	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.025	U*	0.041	0.01	J
10	7440020	Nickel	6010A	mg/L			0.04	U	0.041	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U	0.027	0.02	
14	7440666	Zinc	6010A	mg/L			0.033	U*		0.068	U*
15	7440439	Cadmium	6010A -T	mg/L		0.003	0.001		0.0028	0.001	
16	7440473	Chromium	6010A -T	mg/L			0.005	UJ	0.015	0.005	J
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.019	0.005	

BASF - Final, Metals Analytical Results

						MW000RFIMW-29					
						A7F030144015					
						06/04/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	UJ	0.011	0.005	J
3	7440393	Barium	6010A	mg/L		0.19	0.01		0.23	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U	0.0067	0.003	
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.022	U*
10	7440020	Nickel	6010A	mg/L		0.33	0.04		0.43	0.04	
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U	0.02	0.02	
14	7440666	Zinc	6010A	mg/L							
15	7440439	Cadmium	6010A -T	mg/L			0.001	U	0.0014	0.001	
16	7440473	Chromium	6010A -T	mg/L			0.005	U	0.055	0.005	J
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.0075	U*
18	57125	Total Cyanide	9012	mg/L					0.021	0.005	J

						X1 F WATER			U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L							
2	7440382	Arsenic	6010A -T	mg/L							
3	7440393	Barium	6010A	mg/L							
4	7439921	Lead	6010A -T	mg/L							
5	7440417	Beryllium	6010A	mg/L							
6	7782492	Selenium	6010A -T	mg/L							
7	7440280	Thallium	6010A -T	mg/L							
8	7440484	Cobalt	6010A	mg/L							
9	7440508	Copper	6010A	mg/L							
10	7440020	Nickel	6010A	mg/L							
11	7440224	Silver	6010A	mg/L							
12	7440315	Tin	6010A	mg/L							
13	7440622	Vanadium	6010A	mg/L							
14	7440666	Zinc	6010A	mg/L			0.04	U*		0.078	U*
15	7440439	Cadmium	6010A -T	mg/L							
16	7440473	Chromium	6010A -T	mg/L							
17	7440360	Antimony	6010A -T	mg/L							
18	57125	Total Cyanide	9012	mg/L							

BASF - Final, Metals Analytical Results

					MW000RFIMW-3 A7F030144020 06/05/97					
					F WATER			U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.011	0.005	J	0.05	0.005	J
3	7440393	Barium	6010A	mg/L	1.2	0.01		1.7	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U	0.071	0.003	
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.011	U*	0.12	0.01	
10	7440020	Nickel	6010A	mg/L		0.04	U	0.18	0.04	
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U	0.13	0.02	
14	7440666	Zinc	6010A	mg/L						
15	7440439	Cadmium	6010A -T	mg/L		0.001	U	0.0033	0.001	
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.15	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.005	UJ

					X1 F WATER			U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L						
2	7440382	Arsenic	6010A -T	mg/L						
3	7440393	Barium	6010A	mg/L						
4	7439921	Lead	6010A -T	mg/L						
5	7440417	Beryllium	6010A	mg/L						
6	7782492	Selenium	6010A -T	mg/L						
7	7440280	Thallium	6010A -T	mg/L						
8	7440484	Cobalt	6010A	mg/L						
9	7440508	Copper	6010A	mg/L						
10	7440020	Nickel	6010A	mg/L						
11	7440224	Silver	6010A	mg/L						
12	7440315	Tin	6010A	mg/L						
13	7440622	Vanadium	6010A	mg/L						
14	7440666	Zinc	6010A	mg/L		0.051	U*	0.34	0.02	
15	7440439	Cadmium	6010A -T	mg/L						
16	7440473	Chromium	6010A -T	mg/L						
17	7440360	Antimony	6010A -T	mg/L						
18	57125	Total Cyanide	9012	mg/L						

BASF - Final, Metals Analytical Results

						MW000RFIMW-30 A7F030144019 06/05/97					
						F WATER			U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L		0.09	0.01		0.088	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.02	0.005		0.017	0.005	
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.014	U*		0.018	U*
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L							
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.014	0.005	J	0.033	0.005	J
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.052	0.005	J

					X1 F WATER			U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L						
2	7440382	Arsenic	6010A -T	mg/L						
3	7440393	Barium	6010A	mg/L						
4	7439921	Lead	6010A -T	mg/L						
5	7440417	Beryllium	6010A	mg/L						
6	7782492	Selenium	6010A -T	mg/L						
7	7440280	Thallium	6010A -T	mg/L						
8	7440484	Cobalt	6010A	mg/L						
9	7440508	Copper	6010A	mg/L						
10	7440020	Nickel	6010A	mg/L						
11	7440224	Silver	6010A	mg/L						
12	7440315	Tin	6010A	mg/L						
13	7440622	Vanadium	6010A	mg/L						
14	7440666	Zinc	6010A	mg/L		0.059	U*		0.092	U*
15	7440439	Cadmium	6010A -T	mg/L						
16	7440473	Chromium	6010A -T	mg/L						
17	7440360	Antimony	6010A -T	mg/L						
18	57125	Total Cyanide	9012	mg/L						

BASF - Final, Metals Analytical Results

					MW000RFIMW-4 A7F030144005 06/03/97 F WATER			U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L	0.36	0.005		0.37	0.005	
3	7440393	Barium	6010A	mg/L	0.036	0.01		0.036	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.011	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.086	U*		0.038	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.017	0.005	J

					MW000RFIMW-5 (MS/MSD)					
					A7F030144006					
					06/03/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.97	0.01		0.95	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L	0.01	0.005		0.0087	0.005	
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.013	U*		0.016	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.028	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.006	0.005	J

BASF - Final, Metals Analytical Results

					MW000RFIMW-6					
					A7F030144007					
					06/03/97					
					F			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L		0.0002	U	0.00026	0.0002	
2	7440382	Arsenic	6010A -T	mg/L		0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L	0.088	0.01		0.092	0.01	
4	7439921	Lead	6010A -T	mg/L		0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L		0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L		0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L		0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L		0.01	U		0.011	U*
10	7440020	Nickel	6010A	mg/L		0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L		0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L		1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L		0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L		0.02	U		0.042	U*
15	7440439	Cadmium	6010A -T	mg/L		0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.005	U	0.012	0.005	J
17	7440360	Antimony	6010A -T	mg/L		0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L				0.03	0.005	J

						MW000RFIMW-7 A7F030144008 06/03/97 F WATER			U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L		0.087	0.01		0.089	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L		0.023	0.005		0.023	0.005	
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.016	U*		0.02	U*
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.039	U*		0.039	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L		0.024	0.005		0.022	0.005	
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.065	0.005	J

BASF - Final, Metals Analytical Results

						MW000RFIMW-8 A7F030144009 06/03/97					
						F WATER			U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	U		0.005	U
3	7440393	Barium	6010A	mg/L		0.99	0.01		1	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.014	U*
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.02	U		0.068	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.01	0.005	J

						MW000RFIMW-9 A7F030144011 06/04/97					
						F WATER			U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L		0.026	0.005		0.025	0.005	
3	7440393	Barium	6010A	mg/L		0.21	0.01		0.2	0.01	
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.018	U*		0.016	U*
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L			0.034	U*		0.056	U*
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L					0.01	0.005	J

BASF - Final, Metals Analytical Results

						RS000RFIMW-12					
						A7F030144017					
						06/04/97					
						F			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U		0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	UJ		0.005	UJ
3	7440393	Barium	6010A	mg/L			0.01	U		0.01	U
4	7439921	Lead	6010A -T	mg/L			0.003	U		0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U		0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U		0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U		0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U		0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U		0.01	U
10	7440020	Nickel	6010A	mg/L			0.04	U		0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U		0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ		1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U		0.02	U
14	7440666	Zinc	6010A	mg/L						0.02	U
15	7440439	Cadmium	6010A -T	mg/L			0.001	U		0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	U		0.005	U
17	7440360	Antimony	6010A -T	mg/L			0.005	U		0.005	U
18	57125	Total Cyanide	9012	mg/L						0.005	UJ

					X1 F WATER			RS000RFIMW-26 A7F030144025 06/05/97 F WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L					0.0002	U
2	7440382	Arsenic	6010A -T	mg/L					0.005	UJ
3	7440393	Barium	6010A	mg/L					0.01	U
4	7439921	Lead	6010A -T	mg/L					0.003	U
5	7440417	Beryllium	6010A	mg/L					0.005	U
6	7782492	Selenium	6010A -T	mg/L					0.005	U
7	7440280	Thallium	6010A -T	mg/L					0.01	U
8	7440484	Cobalt	6010A	mg/L					0.05	U
9	7440508	Copper	6010A	mg/L					0.01	U
10	7440020	Nickel	6010A	mg/L					0.04	U
11	7440224	Silver	6010A	mg/L					0.01	U
12	7440315	Tin	6010A	mg/L					1	UJ
13	7440622	Vanadium	6010A	mg/L					0.02	U
14	7440666	Zinc	6010A	mg/L	0.05	0.02	R	0.023	0.02	J
15	7440439	Cadmium	6010A -T	mg/L					0.001	U
16	7440473	Chromium	6010A -T	mg/L					0.005	UJ
17	7440360	Antimony	6010A -T	mg/L					0.005	U
18	57125	Total Cyanide	9012	mg/L						

BASF - Final, Metals Analytical Results

						U WATER Result	Detect Limit	Final Qual
1	7439976	Mercury	7470A	mg/L			0.0002	U
2	7440382	Arsenic	6010A -T	mg/L			0.005	UJ
3	7440393	Barium	6010A	mg/L			0.01	U
4	7439921	Lead	6010A -T	mg/L			0.003	U
5	7440417	Beryllium	6010A	mg/L			0.005	U
6	7782492	Selenium	6010A -T	mg/L			0.005	U
7	7440280	Thallium	6010A -T	mg/L			0.01	U
8	7440484	Cobalt	6010A	mg/L			0.05	U
9	7440508	Copper	6010A	mg/L			0.01	U
10	7440020	Nickel	6010A	mg/L			0.04	U
11	7440224	Silver	6010A	mg/L			0.01	U
12	7440315	Tin	6010A	mg/L			1	UJ
13	7440622	Vanadium	6010A	mg/L			0.02	U
14	7440666	Zinc	6010A	mg/L		0.029	0.02	J
15	7440439	Cadmium	6010A -T	mg/L			0.001	U
16	7440473	Chromium	6010A -T	mg/L			0.005	UJ
17	7440360	Antimony	6010A -T	mg/L			0.005	U
18	57125	Total Cyanide	9012	mg/L			0.005	UJ

BASF - Final, Wet Chemistry Analytical Results

					BASF					
					A7F030144					
					MW000P-34-N			MW000PM1NA		
					A7F030144027			A7F030144016		
					06/06/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U	51	2	

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-01			MW000RFIMW-02		
					A7F030144002			A7F030144003		
					06/02/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	UJ		1	U*

					MW000RFIMW-10			MW000RFIMW-11		
					A7F030144012			A7F030144013		
					06/04/97			06/04/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	UJ		1	UJ

BASF - Final, Wet Chemistry Analytical Results

					MW000RFIMW-12			MW000RFIMW-22		
					A7F030144014			A7F030144001		
					06/04/97			06/02/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		9	U*		1	UJ

					MW000RFIMW-23			MW000RFIMW-24		
					A7F030144021			A7F030144022		
					06/05/97			06/05/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

						MW000RFIMW-25 (MS/MSD)			MW000RFIMW-26		
						A7F030144023			A7F030144024		
						06/05/97			06/05/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide		9030A	mg/L		1	U		1	U

					MW000RFIMW-27			MW000RFIMW-28		
					A7F030144028			A7F030144029		
					06/06/97			06/06/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	U

BASF - Final, Wet Chemistry Analytical Results

						MW000RFIMW-29			MW000RFIMW-3		
						A7F030144015			A7F030144020		
						06/04/97			06/05/97		
						U			U		
						WATER			WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L			1	U		1	U

					MW000RFIMW-30 A7F030144019 06/05/97 U WATER			MW000RFIMW-4 A7F030144005 06/03/97 U WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U		1	UJ

BASF - Final, Wet Chemistry Analytical Results

						MW000RFIMW-5 (MS/MSD) A7F030144006 06/03/97 U WATER			MW000RFIMW-6 A7F030144007 06/03/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L			1	UJ		1	UJ

					MW000RFIMW-7			MW000RFIMW-8		
					A7F030144008			A7F030144009		
					06/03/97			06/03/97		
					U			U		
					WATER			WATER		
					Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	UJ		1	UJ

BASF - Final, Wet Chemistry Analytical Results

						MW000RFIMW-9 A7F030144011 06/04/97 U WATER			RS000RFIMW-12 A7F030144017 06/04/97 U WATER		
						Result	Detect Limit	Final Qual	Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L			1	UJ	4	1	

					RS000RFIMW-26		
					A7F030144025		
					06/05/97		
					U		
					WATER		
					Result	Detect Limit	Final Qual
1	Q1296	Acid-insoluble Sulfide	9030A	mg/L		1	U

APPENDIX D

Data Validation Reports and Analytical Laboratory Data (prepared by Environmental Standards, Inc.)

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NO REVISIONS WERE NECESSARY FOR THIS REPORT