# Validation Qualifier Data Entry Verification

Run Date: April 22, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1094-14** | | | | | | | | | | | | | | | | | | |
| EMM3016 | SW8260B | SW5030 | N 0 1 | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | DIBROMOCHLOROMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | DICHLORODIFLUOROMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | G154-03 | 16:04 |
| | | | | ISOPROPYL BENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | M/P-XYLENES | .002 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | METHYLENE CHLORIDE | .002 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | O-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | STYRENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | TOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | TRICHLOROETHENE | .00092 | mg/L | J | Y | Y | P | J | | 15 | | | | G154-03 | 16:04 |
| | | | | TRICHLOROFLUOROMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| | | | | VINYL CHLORIDE | .001 | mg/L | U | N | Y | U | U | | | | | | G154-03 | 16:04 |
| **H1J160101** | | | | | | | | | | | | | | | | | | |
| EMM3015R | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N | Y | | nv | | | | | | [illegible]W | 15:37 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N | Y | | nv | | | | | | [illegible]W | 15:37 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |

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Run Date: April 22, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **H1J160101** | | | | | | | | | | | | | | | | |
| EMM3015R | SW8260 | SW5030 | N 0 1 | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | 2-BUTANONE | .00086 | mg/L | J | Y Y | nv | | | | | | EL624W | 15:37 |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | ACETONE | .003 | mg/L | J B | Y Y | nv | | | | | | EL624W | 15:37 |
| | | | | BENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | BROMOBENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | BROMOFORM | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | BROMOMETHANE | .002 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | CHLOROETHANE | .002 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | CHLOROFORM | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | CHLOROMETHANE | .00069 | mg/L | J | Y Y | nv | | | | | | EL624W | 15:37 |
| | | | | CIS-1,2-DICHLOROETHENE | .00046 | mg/L | J | Y Y | nv | | | | | | EL624W | 15:37 |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | METHYLENE CHLORIDE | .002 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | O-XYLENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N Y | nv | | | | | | EL624W | 15:37 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **H1J160101** | | | | | | | | | | | | | | | | | | |
| EMM3015R | SW8260 | SW5030 | N 0 1 | STYRENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | TOLUENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | TRICHLOROETHENE | .0048 | mg/L | | Y | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | TRICHLOROFLUOROMETHANE | .002 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N | Y | | nv | | | | | | EL624W | 15:37 |

***Data Validation Summary Report***
***for the Investigation Performed at the***
***Former Chemical Laundry and Motor Pool 1500***
***Parcel FTA-94***
***Fort McClellan, Calhoun County, Alabama***

### *1.0 Introduction*

Level III data validation was performed on 100% of the environmental samples collected at Parcel FTA-94. The analytical data consisted of six sample delivery groups (SDG), PK59401, PK59402, PK59403, PK59404, PK59405, and PK59406 which was analyzed by Quanterra Incorporated. In addition, an evaluation of the field split data, which was analyzed by the USACE-SAD laboratory is included in this report. The chemical parameters for which the samples were analyzed, are identified below:

| Parameter (Method) |
|---|
| TCL Volatile Organics by GC/MS SW846 8260B |
| TCL Semivolatiles by GC SW846 8270C |
| Metals by SW846 6010B and 7470A/7471A |
| PCB's by SW-846 8082 |

### *2.0 Procedures*

The sample data were validated following the logic identified in the *USEPA Contract Laboratory Program (CLP) National Functional Guidelines For Inorganic Data Review (February 1994)* and *USEPA Contract Laboratory Program National Functional Guidelines For Organic Review (February 1994)* for all areas except Blanks. *Region III Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (April 1993)* and *Region III National Functional Guidelines for Organic Data Review (June 1992)* were applied to the areas associated with blank contamination. Specific quality control (QC) criteria, as identified in the Quality Assurance Plan (QAP), analytical methods, and laboratory Standard Operating Procedures (SOP's) were applied to all sample results. As the result of the use of Update III SW846 test methods for the analytical data and the application of the CLP guidelines during the validation process, there were instances where specific QC requirements for all target compounds were not defined. This primarily occurred in the organic, Gas Chromatograph (GC) and Gas Chromatograph/Mass Spectra (GC/MS) calibration areas and is due to the fact that the analytical methods are "performance-based", and allows the use of average calibration responses, in lieu of, individual responses, which are defined by CLP protocol. In light of applying CLP guidelines to SW846 methods and evaluating the usability of the data during the

validation process, specific QC criteria were determined to address all target compounds and are identified in this report for each parameter, as well as, in the validation checklists, which function as worksheets. All completed validation checklists are on file in the Knoxville office. For those analytical methods not addressed by the CLP and Region III guidelines, the validation was based on the method requirements (i. e. SW846, CFR, SOP's) and technical judgement following the logic of the CLP validation guidelines.

### *3.0 Summary of Data Validation Findings*

The overall quality of the data was determined to be acceptable. The only rejected data ('R' qualified) was due to "poor performing" volatile compounds (ketones, some halogenated hydrocarbons, e.g.), which exhibited poor calibration responses in the associated calibration data, and samples that were reanalyzed and have more than one result reported. The R qualifier was assigned to the samples with more than one set of results to indicate that a given result should not be used to characterize a particular constituent or an analysis for a given sample.

Individual validation reports have been prepared for each parameter and the overall results of the validation findings are summarized in this report. The validation qualifier data entry verification report (Attachment A) is also provided. This is a complete listing of all of the analytical results and the validation qualifiers assigned for FTA-94. It also identifies the 'use' column, which indicates which result to use in the event of a reanalysis. A listing of the validation qualifiers and the reason codes, along with their definitions is also found in Attachment A. The following section highlights the key findings of the data validation for each analysis.

### *4.0 Analysis-Specific Data Validation Summaries*

#### *4.1 Volatile Organics by GC/MS SW846 8260B*

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

<u>Holding Times</u>

Technical holding time criteria were met for all samples.

<u>Initial and Continuing Calibration</u>

All initial and continuing calibrations associated with the project samples met QC criteria, with the exceptions of the following:

- The following demonstrated RRFs below 0.1 in the ICAL and/or CCAL: Non-detect results were rejected (qualified 'R'); Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

| SDG | Samples Affected | Analyte/Analytes | Validation Qualifier |
|---|---|---|---|
| PK59401 | EM0001, EM0002, EM0003, EM0004, EM0005, EM0007, EM0008, EM0011, EM0012, EM0015, EM0016, EM0017, EM0018, EM0019, EM0020 | Acetone, Bromomethane | R/B/J |
| PK59402 | EM0009, EM0010, EM0013, EM0014 | Acetone, 2-Butanone (MEK), Bromomethane | R/B/J |
| PK59403 | EM3002 | Acetone, 2-Butanone (MEK), Bromochloromethane, Dibromomethane, Bromomethane, 1,2-Dibromo-3-Chloromethane | R |
| PK59404 | EM0021, EM0022, EM0023, EM0024 | Acetone, Bromomethane, 2-Butanone (MEK) | R/B/J |
| PK59405 | EM3007 | Acetone, Bromochloromethane, Bromomethane, 2-Butanone (MEK), Chloroethane, Dibromomethane, 1,2-Dibromo-3-Chloropropane | R |
| PK59406 | EM3001, EM3003, EM3006 | Acetone, 2-Butanone (MEK), 1,2-Dibromo-3-Chloropropane | R |

- The following exhibited individual ICAL %RSD>30 and/or CCAL %D>20: Non-detect results were estimated (qualified 'UJ'); Unless rejected (qualified 'R') due to ICAL/CCAL minimum RRF criteria not met; Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

| SDG | Samples Affected | Analyte/Analytes | Validation Qualifier |
|---|---|---|---|
| PK59401 | EM0001, EM0002, EM0003, EM0004, EM0005, EM0007, EM0008, EM0011, EM0012, EM0015, EM0016, EM0017, EM0018, EM0019, EM0020 | Bromomethane, Chloroethane, Naphthalene | R/J/UJ |
| PK59401 | EM0001, EM0002, EM0003, EM0004, EM0012, EM0015, EM0016, EM0017, EM0018, EM0019, EM0020 | Dichlorodifluormethane | UJ |
| PK59401 | EM0005, EM0007, EM0008, EM0011, EM0012, EM0015, EM0016, EM0017, EM0018, EM0019, EM0020 | 1,2-Dibromo-3-chloropropane | UJ |
| PK59401 | EM0012, EM0015, EM0016, EM0017, EM0018, EM0019, EM0020 | Chloromethane | UJ |
| PK59402 | EM0009, EM0010, EM0013, EM0014 | Bromomethane, Naphthalene | R/B/J |
| PK59402 | EM0013 | 2-Butanone (MEK) | R |
| PK59403 | EM3002 | Naphthalene, Chloromethane, Bromomethane, Methylene Chloride, 1,2-Dibromo-3-Chloropropane | R/UJ |
| PK59404 | EM0021, EM0022, EM0023, EM0024 | Bromomethane, Naphthalene | R/UJ |
| PK59405 | EM3007 | Acetone, Methylene chloride, 2-Butanone (MEK), Naphthalene, Hexachlorobutadiene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane | R/UJ |
| PK59406 | EM3001, EM3003, EM3006 | Methylene Chloride, Bromoform, 1,2-Dibromo-3-Chloropropane | B/UJ |
| PK59406 | EM3001 | Dichlorodifluoromethane, Acetone | R/UJ |

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses, trip blanks, and method blanks was applied to all sample results. All were found to be acceptable with the exception of the following:

Note: 'B' Qualifiers were applied to all of the following sample results.

| SDG | Samples Affected | Analyte/Analytes | Associated Blank Contamination |
|---|---|---|---|
| PK59401 | EM0002, EM0004,EM0005, EM0007, EM0008, EM0011, EM0015, EM0016, EM0018, EM0020 | Acetone | Method/ER |
| PK59401 | EM0001, EM0002, EM0003, EM0004, EM0005, EM0007, EM0008, EM0011, EM0012, EM0015, EM0016, EM0017, EM0018, EM0019, EM0020 | Methylene Chloride | Method |
| PK59402 | EM0009, EM0010, EM0013, EM0014 | Methylene Chloride | Method |
| PK59402 | EM0009, EM0010 | Acetone | ER |
| PK59402 | EM0009 | Bromomethane | Method |
| PK59404 | EM0021, EM0022, EM0023, EM0024 | Methylene Chloride | Method |
| PK59404 | EM0021, EM0022, EM0023 | 2-Butanone (MEK) | ER |
| PK59406 | EM3003, EM3006 | Methylene Chloride | Method/TB |

'B' qualifiers assigned to designate blank contamination, which are identification qualifiers, take precedence over estimating qualifiers, assigned due to quantitation.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates applied with the exception of the following: Positive results were estimated (qualified 'J'); unless 'B' qualified due to blank contamination.

| SDG | Samples Affected | Analyte/Analytes | Validation Qualifier |
|---|---|---|---|
| PK59404 | EM0021,EM0022, EM0023 | Acetone, 2-Butanone (MEK), Methylene Chloride | *B/J |
| PK59404 | EM0021 | Toluene, p-Isopropyltoluene | J |

* 'B' qualifiers assigned to designate blank contamination, which are identification qualifiers, take precedence over estimating qualifiers, assigned due to quantitation.

Matrix Spike / Matrix Spike Duplicate

MS/MSD and Laboratory Control Sample (LCS) was performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and no problems were noted.

Internal Standards

All internal standards met criteria with the exception of the following:

- All compounds associated with the internal standards listed in the table below were qualified as indicated.

| SDG | Samples Affected | Internal Standard Outside QC Limits | Validation Qualifier |
|---|---|---|---|
| PK59401 | EM0001, EM0003, EM0005, EM0008, EM0011, EM0017 | 1,4-Dichlorobenzine d4 | J/UJ |
| PK59404 | EM0021, EM0022, EM0023 | Chlorobenzene-d5, 1,4-Dichlorobenzene-d4 | **R/*B/J/UJ |

* 'B' qualifiers assigned to designate blank contamination, which are identification qualifiers, take precedence over estimating qualifiers, assigned due to quantitation.

** 'R' qualifiers take precedence over estimating qualifiers.

Quantitation

Results quantitated between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected.

### *4.2 TCL Semivolatiles by GC/MS SW846 8270C*

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met with the exceptions of the following:

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria with the exceptions of the following:

The following exhibited individual ICAL %RSD>30 and/or CCAL %D>20:

| SDG | Samples Affected | Analyte/Analytes | Validation Qualifier |
|---|---|---|---|
| PK59401 | EM0005, EM0007, EM0011, EM0015, EM0016, EM0017, EM0019, EM0020, | 2-Methylphenol | UJ |
| PK59401 | EM0008, EM0012, EM0017, EM0018, EM0019 | 4-Nitrophenol | UJ |
| PK59401 | EM0008, EM0012, EM0018, | 4-Methylphenol | UJ |
| PK59401 | EM0002, EM0003, EM0004, EM0017, EM0019 | Benzo(k)fluoranthene | J/UJ |
| PK59401 | EM0002, EM0003, EM0017, EM0019 | Hexachlorocyclopentadiene | UJ |
| PK59401 | EM0002, EM0003, EM0004 | 2,2'-oxybis(1-Chloropropane) | UJ |
| PK59401 | EM0001, EM0002, EM0003 | 2,4-Dinitrophenol | UJ |
| PK59401 | EM0002, EM0003 | Benzo(ghi)perylene, 4,6-Dinitro-2-methylphenol, N-Nitrosodi-n-propylamine | J/UJ |

| SDG | Samples Affected | Analyte/Analytes | Validation Qualifier |
|---|---|---|---|
| PK59403 | EM3002 | Benzo(k)fluoranthene, 2,4-Dinitrophenol, 4-Methylphenol, 2-Nitroaniline, 4-Nitroaniline, N-Nitrosodin-n-propylamine, 2,2'-oxybis(1-Chloropropane), | UJ |
| PK59404 | EM0021, EM0022, EM0023, EM0024 | 2,4-Dinitrophenol, 4-Nitrophenol, Hexachlorocyclopentadiene, 2,2'-Oxybis(1-Chloropropane) | UJ |
| PK59405 | EM3007 | 3-Nitroaniline, Hexachlorocyclopentadiene | UJ |
| PK59406 | EM3006 | Hexachlorocyclopentadiene, 4-Nitrophenol | UJ |
| PK59406 | EM3001, EM3003 | 2,4-Dinitrophenol | UJ |

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinsates and method blanks was applied to all sample results. All were found to be acceptable with the exception of the following:

Note: 'B' Qualifiers were applied to all of the following sample results.

| SDG | Samples Affected | Analyte/Analytes | Associated Blank Contamination |
|---|---|---|---|
| PK59401 | EM0005, EM0008, EM0011, EM0012, EM0016, EM0017, EM0018, EM0019, EM0020 | Bis (2-Ethylhexyl) phthalate | Method |
| PK59403 | EM3002 | Phenol | Method/ER |
| PK59405 | EM3007 | Phenol | Method/ER |

'B' qualifiers assigned to designate blank contamination, which are identification qualifiers, take precedence over estimating qualifiers, assigned due to quantitation.

Surrogate Recoveries

All surrogate recoveries met QC criteria.

Matrix Spike / Matrix Spike Duplicate

Batch QC, MS/MSD, and Laboratory Control Sample (LCS) were performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and exceeded the 50% RPD criteria applied and all QC criteria were met.

Internal Standards

All internal standards met criteria.

Quantitation

Results quantitated between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected.

***4.3 Metals by SW846 6010B/7471A/7470A***

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were acceptable with the exceptions noted below:

Note: 'B' Qualifiers were applied to all of the following sample results.

| SDG | Samples Affected | Analyte | Associated Blank Contamination |
|---|---|---|---|
| PK59401 | EM0003, EM0011, EM0012, EM0015, EM0016, EM0018, EM0019 | Zinc | ER |
| PK59401 | EM0005, EM0007, EM0012, EM0019 | Nickel | CCB |
| PK59402 | EM0013, EM0014 | Zinc | ER |
| PK59402 | EM0013 | Potassium | CCB |
| PK59406 | EM3003, EM3006 | Beryllium, Thallium | Method/CCB |

Matrix Spike / Matrix Spike Duplicate

Batch QC was performed for the project samples and all QC criteria were met with the following exceptions:

| SDG | Samples Affected | Element/Elements | Validation Qualifier |
|---|---|---|---|
| PK59401 | EM0001, EM0002, EM0003, EM0004, EM0005, EM0007, EM0008, EM0011, EM0012, EM0015, EM0016, EM0017, EM0018, EM0019, EM0020 | Antimony, Lead | J/UJ |

Laboratory Control Sample (LCS)

All QC criteria were met for the LCS associated with the project sample analyses.

Interference Check Sample (ICS)

All ICS % recoveries, where applicable, were acceptable and all QC criteria were met.

ICP Serial Dilutions

All QC criteria were met for the serial dilutions associated with the project sample analyses.

| SDG | Samples Affected | Analyte | Validation Qualifier |
|---|---|---|---|
| PK59406 | EM3003, EM3006 | Zinc | J |

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria were met, with the exceptions of the following:

| SDG | Samples Affected | Analyte | Validation Qualifier |
|---|---|---|---|
| PK59406 | EM3003 (original), EM3006 (Dup) | Mercury, Aluminum, Arsenic, Lead, Barium, Beryllium, Chromium, Cobalt, Copper, Iron, Magnesium, Manganese, Nickel, Potassium, Sodium, Vanadium, Zinc | *B/J |

- High RPD's may be attributed to matrix interference and/or differences could be due to the order for which samples were collected.

* 'B' qualifiers assigned to designate blank contamination, which are identification qualifiers, take precedence over estimating qualifiers, assigned due to quantitation.

Sample Quantitation

Results quantitated between the IDL and the RL ("B" flagged by the laboratory) were qualified as estimated (J).

### *4.4 PCBs BY SW846 8082*

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below.

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the exceptions of the following:

The following exhibited individual CCAL %D>15:

| SDG | Samples Affected | Analyte/Analytes | Validation Qualifier |
|---|---|---|---|
| PK59403 | EM3002 | Aroclor 1260 | UJ |
| PK59405 | EM3007 | Aroclor-1016, 1221, 1232, 1242, 1248, 1254, 1260 | UJ |

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses, and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates applied.

Matrix Spike / Matrix Spike Duplicate

MS/MSD and Laboratory Control Sample (LCS) was performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.
Note: Soil-50% criteria and Water-35% criteria applied.

### *4.5 Quality Assurance Field Split Sample Data Evaluation*

Data from the quality assurance split samples supplied to IT by the USACE were reviewed for comparability to the original and field duplicate results. Relative percent differences were calculated and the results are summarized in this section.

- Field split data for SDG59401

| Original Sample ID EM0007 | Field Dup ID EM0005 | Field Split ID EM0006 | Units | Compounds / Elements | Original / Field Split RPD | % RSD |
|---|---|---|---|---|---|---|
| nd | .04 | nd | mg/kg | Mercury | | |
| 9470 | 9970 | 7980 | mg/kg | Aluminum | 17.1% | 11.3% |
| 10.9 | 10.8 | 6.53 | mg/kg | Arsenic | 50.1% | 26.5% |
| 19.6 | 19 | 12.7 | mg/kg | Lead | 42.7% | 22.4% |
| nd | nd | 22.2 | mg/kg | Barium | | |
| 3.5 | 3.7 | nd | mg/kg | Selenium | | |
| .73 | .7 | nd | mg/kg | Beryllium | | |
| nd | nd | 21.8 | mg/kg | Calcium | | |
| 28.1 | 29.7 | 15.1 | mg/kg | Chromium | 60.2% | 33.0% |
| 6.2 | 6.6 | nd | mg/kg | Cobalt | | |
| 39.5 | 40.9 | 18 | mg/kg | Copper | 74.8% | 39.1% |
| 48700 | 50400 | 26700 | mg/kg | Iron | 58.4% | 31.5% |
| nd | nd | 149 | mg/kg | Magnesium | | |
| 12.3 | 12.6 | 8.98 | mg/kg | Manganese | 31.2% | 17.8% |
| 5.6 | 5.9 | 4.49 | mg/kg | Nickel | 22.0% | 13.9% |
| 661 | 653 | 514 | mg/kg | Potassium | 25.0% | 13.6% |
| nd | nd | 103 | mg/kg | Sodium | | |
| 18.8 | 20.2 | 33.9 | mg/kg | Vanadium | -57.3% | 34.3% |
| 31.8 | 33 | 23.1 | mg/kg | Zinc | 31.7% | 18.4% |
| 17 | 19 | nd | ug/kg | Acetone | | |
| 9.6 | 9.6 | nd | ug/kg | Methylene Chloride | | |
| nd | 85 | nd | ug/kg | Bis (2-Ethylhexyl) phthalate | | |

Metals: Arsenic, chromium, copper, iron and vanadium RPDs are above the QC limit for soils. Differences attributed to lack of homogeneity in soil samples and/or FS lab not reporting results below the reporting limits.

Volatiles: No volatiles detected in the FS. Acetone and Methylene chloride, both common laboratory contaminants were detected in the original and FD samples.

Semivolatiles: No semivolatiles detected in the original or FS. Bis (2-Ethylhexyl) phthalate a common laboratory contaminant was detected in the FD.

PCBs: No PCBs were detected in any of the three samples.

- Field split data for SDG59406

| Original Sample ID EM3006 | Field Dup ID EM3003 | Field Split ID EM3004 | Units | Compounds / Elements | Original / Field Split RPD | % RSD |
|---|---|---|---|---|---|---|
| **.13** | **.057** | nd | ug/L | Mercury | | |
| 29000 | 8810 | 3440 | ug/L | Aluminum | 157.6% | 98.0% |
| **9.9** | **3.2** | nd | ug/L | Arsenic | | |
| 22.6 | 8.2 | 7 | ug/L | Lead | 105.4% | 68.9% |
| 1280 | 463 | 261 | ug/L | Barium | 132.3% | 80.8% |
| nd | nd | 9 | ug/L | Selenium | | |
| **1.8** | **.64** | nd | ug/L | Beryllium | | |
| **5.4** | **5** | nd | ug/L | Thallium | | |
| 54400 | 42700 | 45600 | ug/L | Calcium | 17.6% | 12.8% |
| **46** | **13.8** | 6 | ug/L | Chromium | 153.8% | 96.7% |
| **17.4** | **6.3** | nd | ug/L | Cobalt | | |
| 45.8 | **14.6** | nd | ug/L | Copper | | |
| 43200 | 13100 | 5400 | ug/L | Iron | 155.6% | 97.1% |
| 35500 | 21300 | 21.5 | ug/L | Magnesium | 199.8% | 94.3% |
| 508 | 351 | 360 | ug/L | Manganese | 34.1% | 21.7% |
| 56.7 | **18.9** | 12 | ug/L | Nickel | 130.1% | 82.4% |
| 16000 | 7430 | 7070 | ug/L | Potassium | 77.4% | 49.7% |
| 11700 | 8350 | 10700 | ug/L | Sodium | 8.9% | 16.8% |
| 51.4 | **15.2** | nd | ug/L | Vanadium | | |
| 92.4 | 30.7 | 26 | ug/L | Zinc | 112.2% | 74.6% |
| **1.6** | **1.5** | nd | ug/L | Methylene chloride | | |

**Bold Print**==Results detected below the reporting limit.

Metals: Majority of the same metals detected in all three samples. All metals not detected in FS, but detected in original was detected below the reporting limit. Majority of the RPD's above the QC limit. Possibly high RPD's and differences due to field activities in sampling well and/or FS lab not reporting results below the reporting limit.

Volatiles: No volatiles detected in the FS. Methylene chloride a common laboratory contaminant was detected below the reporting limit in the original and FD.

Semivolatiles, PCBs: No semivolatiles or PCBs detected in any of the three samples.

# ATTACHMENT A

# DATA VALIDATION QUALIFIER ENTRY VERIFICATION REPORT

# Validation Qualif... Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0001 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 8040 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | ANTIMONY | 7.4 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMHN3S | 13:46 |
| | | | | ARSENIC | 3.5 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 17:29 |
| | | | | BARIUM | 94.5 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | BERYLLIUM | 1.2 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | CADMIUM | 0.62 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 13:46 |
| | | | | CALCIUM | 6670 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | CHROMIUM | 25.2 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | COBALT | 18.2 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | COPPER | 20.7 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | IRON | 27500 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | LEAD | 20.0 | mg/kg | | Y | Y | P | J | | 08A | | | | CMHN3S | 17:29 |
| | | | | MAGNESIUM | 1580 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | MANGANESE | 1600 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | NICKEL | 9.8 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | POTASSIUM | 617 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 13:46 |
| | | | | SELENIUM | 0.79 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 17:29 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 13:46 |
| | | | | SODIUM | 617 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 13:46 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 17:29 |
| | | | | VANADIUM | 10.3 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | | | | ZINC | 33.5 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 13:46 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.12 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 15:53 |
| EM0002 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 16100 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | ANTIMONY | 6.7 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMHN6S | 13:50 |
| | | | | ARSENIC | 4.9 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 17:35 |
| | | | | BARIUM | 116 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | BERYLLIUM | 1.4 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | CADMIUM | 0.56 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 13:50 |
| | | | | CALCIUM | 730 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | CHROMIUM | 25.0 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | COBALT | 20.9 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | COPPER | 45.0 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | IRON | 36000 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | LEAD | 16.2 | mg/kg | | Y | Y | P | J | | 08A | | | | CMHN6S | 17:35 |
| | | | | MAGNESIUM | 6130 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | MANGANESE | 130 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | NICKEL | 37.5 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | POTASSIUM | 776 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | | | | SELENIUM | 0.86 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 17:35 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0002 | SW6010 | SW3050 | N 0 1 | SILVER | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 13:50 |
| | | | | SODIUM | 556 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 13:50 |
| | | | | THALLIUM | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 17:35 |
| | | | | VANADIUM | 5.6 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 13:50 |
| | | | | ZINC | 120 | mg/kg | | Y | Y | P | | | | | | | CMHN6S | 13:50 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.037 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 15:55 |
| EM0003 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 10200 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | ANTIMONY | 7.0 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMHN7S | 13:55 |
| | | | | ARSENIC | 6.2 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 17:40 |
| | | | | BARIUM | 57.0 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | BERYLLIUM | 0.86 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | CADMIUM | 0.59 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 13:55 |
| | | | | CALCIUM | 15600 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | CHROMIUM | 23.1 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | COBALT | 5.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 13:55 |
| | | | | COPPER | 16.9 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | IRON | 27300 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | LEAD | 11.8 | mg/kg | | Y | Y | P | J | | 08A | | | | CMHN7S | 17:40 |
| | | | | MAGNESIUM | 2940 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | MANGANESE | 222 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | NICKEL | 10.8 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | POTASSIUM | 850 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | SELENIUM | 1.4 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 17:40 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 13:55 |
| | | | | SODIUM | 586 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 13:55 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 17:40 |
| | | | | VANADIUM | 19.7 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 13:55 |
| | | | | ZINC | 19.9 | mg/kg | | Y | Y | F | B | | 06C | | | | CMHN7S | 13:55 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.039 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:57 |
| EM0004 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 18600 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | ANTIMONY | 6.8 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMHN8S | 14:00 |
| | | | | ARSENIC | 6.3 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 17:46 |
| | | | | BARIUM | 49.0 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | BERYLLIUM | 1.4 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | CADMIUM | 0.57 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 14:00 |
| | | | | CALCIUM | 566 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 14:00 |
| | | | | CHROMIUM | 26.6 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | COBALT | 25.5 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | COPPER | 54.2 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | IRON | 39800 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |

# Validation Qualif... Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0004 | SW6010 | SW3050 | N 0 1 | LEAD | 20.6 | mg/kg | | Y | Y | P | J | | 08A | | | | CMHN8S | 17:46 |
| | | | | MAGNESIUM | 5970 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | MANGANESE | 286 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | NICKEL | 43.4 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | POTASSIUM | 897 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | | | | SELENIUM | 1.2 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 17:46 |
| | | | | SILVER | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 14:00 |
| | | | | SODIUM | 566 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 14:00 |
| | | | | THALLIUM | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 17:46 |
| | | | | VANADIUM | 5.7 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 14:00 |
| | | | | ZINC | 119 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 14:00 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.046 | mg/kg | | Y | Y | P | | | | | | | CMHN8S | 16:00 |
| EM0005 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 9970 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | | | | ANTIMONY | 7.1 | mg/kg | U | N | Y | | UJ | | 08A | | | | CMMK4S | 14:15 |
| | | | | ARSENIC | 10.8 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 17:52 |
| | | | | BARIUM | 23.7 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 14:15 |
| | | | | BERYLLIUM | 0.70 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | | | | CADMIUM | 0.59 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 14:15 |
| | | | | CALCIUM | 592 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 14:15 |
| | | | | CHROMIUM | 29.7 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | | | | COBALT | 6.6 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | | | | COPPER | 40.9 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | | | | IRON | 50400 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | | | | LEAD | 19.0 | mg/kg | | Y | Y | | J | | 08A | | | | CMMK4S | 17:52 |
| | | | | MAGNESIUM | 592 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 14:15 |
| | | | | MANGANESE | 12.6 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | | | | NICKEL | 5.9 | mg/kg | | Y | Y | | B | | 06B | | | | CMMK4S | 14:15 |
| | | | | POTASSIUM | 653 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | | | | SELENIUM | 3.7 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 17:52 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 14:15 |
| | | | | SODIUM | 592 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 14:15 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 17:52 |
| | | | | VANADIUM | 20.2 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | | | | ZINC | 33.0 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 14:15 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.040 | mg/kg | | Y | Y | | | | | | | | CMMK4S | 17:19 |
| EM0007 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 9470 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |
| | | | | ANTIMONY | 7.1 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMMKCS | 14:19 |
| | | | | ARSENIC | 10.9 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 17:57 |
| | | | | BARIUM | 23.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 14:19 |
| | | | | BERYLLIUM | 0.73 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0007 | SW6010 | SW3050 | N 0 1 | CADMIUM | 0.59 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 14:19 |
| | | | | CALCIUM | 594 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 14:19 |
| | | | | CHROMIUM | 28.1 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |
| | | | | COBALT | 6.2 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |
| | | | | COPPER | 39.5 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |
| | | | | IRON | 48700 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |
| | | | | LEAD | 19.6 | mg/kg | | Y | Y | P | J | | 08A | | | | CMMKCS | 17:57 |
| | | | | MAGNESIUM | 594 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 14:19 |
| | | | | MANGANESE | 12.3 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |
| | | | | NICKEL | 5.6 | mg/kg | | Y | Y | F | B | | 06B | | | | CMMKCS | 14:19 |
| | | | | POTASSIUM | 661 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |
| | | | | SELENIUM | 3.5 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 17:57 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 14:19 |
| | | | | SODIUM | 594 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 14:19 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 17:57 |
| | | | | VANADIUM | 18.8 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |
| | | | | ZINC | 31.8 | mg/kg | | Y | Y | P | | | | | | | CMMKCS | 14:19 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.039 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 17:09 |
| EM0008 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 12100 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | ANTIMONY | 7.3 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMMKES | 14:24 |
| | | | | ARSENIC | 6.3 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 18:14 |
| | | | | BARIUM | 28.1 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | BERYLLIUM | 1.3 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | CADMIUM | 0.61 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 14:24 |
| | | | | CALCIUM | 1460 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | CHROMIUM | 25.8 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | COBALT | 25.4 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | COPPER | 62.7 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | IRON | 38500 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | LEAD | 28.5 | mg/kg | | Y | Y | P | J | | 08A | | | | CMMKES | 18:14 |
| | | | | MAGNESIUM | 608 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 14:24 |
| | | | | MANGANESE | 163 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | NICKEL | 16.8 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | POTASSIUM | 869 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |
| | | | | SELENIUM | 1.7 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 18:14 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 14:24 |
| | | | | SODIUM | 608 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 14:24 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 18:14 |
| | | | | VANADIUM | 6.1 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 14:24 |
| | | | | ZINC | 89.2 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 14:24 |

# Validation Qualit... Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0008 | SW7471 | TOTAL | N 0 1 | MERCURY | 0.053 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 17:11 |
| EM0011 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 8270 | mg/kg | | Y | Y | P | | | | | | | CMMKJS | 14:29 |
| | | | | ANTIMONY | 6.8 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMMKJS | 14:29 |
| | | | | ARSENIC | 8.5 | mg/kg | | Y | Y | P | | | | | | | CMMKJS | 18:19 |
| | | | | BARIUM | 22.7 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | BERYLLIUM | 0.57 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | CADMIUM | 0.57 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | CALCIUM | 568 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | CHROMIUM | 17.1 | mg/kg | | Y | Y | P | | | | | | | CMMKJS | 14:29 |
| | | | | COBALT | 8.1 | mg/kg | | Y | Y | P | | | | | | | CMMKJS | 14:29 |
| | | | | COPPER | 10.6 | mg/kg | | Y | Y | P | | | | | | | CMMKJS | 14:29 |
| | | | | IRON | 32800 | mg/kg | | Y | Y | P | | | | | | | CMMKJS | 14:29 |
| | | | | LEAD | 8.8 | mg/kg | | Y | Y | P | J | | 08A | | | | CMMKJS | 18:19 |
| | | | | MAGNESIUM | 568 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | MANGANESE | 75.5 | mg/kg | | Y | Y | P | | | | | | | CMMKJS | 14:29 |
| | | | | NICKEL | 4.5 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | POTASSIUM | 568 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | SELENIUM | 0.93 | mg/kg | | Y | Y | P | | | | | | | CMMKJS | 18:19 |
| | | | | SILVER | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | SODIUM | 568 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | THALLIUM | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 18:19 |
| | | | | VANADIUM | 5.7 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 14:29 |
| | | | | ZINC | 13.0 | mg/kg | | Y | Y | F | B | | 06C | | | | CMMKJS | 14:29 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.041 | mg/kg | | Y | Y | P | | | | | | | CMMKJS | 17:14 |
| EM0012 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 6980 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 14:34 |
| | | | | ANTIMONY | 6.6 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMMKXS | 14:34 |
| | | | | ARSENIC | 7.2 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 18:25 |
| | | | | BARIUM | 65.6 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 14:34 |
| | | | | BERYLLIUM | 0.55 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 14:34 |
| | | | | CADMIUM | 0.55 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 14:34 |
| | | | | CALCIUM | 611 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 14:34 |
| | | | | CHROMIUM | 22.6 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 14:34 |
| | | | | COBALT | 10.3 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 14:34 |
| | | | | COPPER | 9.5 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 14:34 |
| | | | | IRON | 31800 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 14:34 |
| | | | | LEAD | 21.9 | mg/kg | | Y | Y | P | J | | 08A | | | | CMMKXS | 18:25 |
| | | | | MAGNESIUM | 548 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 14:34 |
| | | | | MANGANESE | 357 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 14:34 |
| | | | | NICKEL | 4.6 | mg/kg | | Y | Y | F | B | | 06B | | | | CMMKXS | 14:34 |
| | | | | POTASSIUM | 548 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 14:34 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0012 | SW6010 | SW3050 | N 0 1 | SELENIUM | 1.0 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 18:25 |
| | | | | SILVER | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 14:34 |
| | | | | SODIUM | 548 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 14:34 |
| | | | | THALLIUM | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 18:25 |
| | | | | VANADIUM | 12.4 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 14:34 |
| | | | | ZINC | 19.2 | mg/kg | | Y | Y | F | B | | 06C | | | | CMMKXS | 14:34 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.060 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 17:16 |
| EM0015 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 9690 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | ANTIMONY | 6.9 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMML3S | 14:39 |
| | | | | ARSENIC | 13.1 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 18:30 |
| | | | | BARIUM | 32.5 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | BERYLLIUM | 0.57 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | CADMIUM | 0.57 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 14:39 |
| | | | | CALCIUM | 574 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 14:39 |
| | | | | CHROMIUM | 24.1 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | COBALT | 12.8 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | COPPER | 17.6 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | IRON | 38000 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | LEAD | 15.1 | mg/kg | | Y | Y | P | J | | 08A | | | | CMML3S | 18:30 |
| | | | | MAGNESIUM | 574 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 14:39 |
| | | | | MANGANESE | 870 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | NICKEL | 11.5 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | POTASSIUM | 574 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 14:39 |
| | | | | SELENIUM | 0.80 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 18:30 |
| | | | | SILVER | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 14:39 |
| | | | | SODIUM | 574 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 14:39 |
| | | | | THALLIUM | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 18:30 |
| | | | | VANADIUM | 10.9 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 14:39 |
| | | | | ZINC | 29.2 | mg/kg | | Y | Y | F | B | | 06C | | | | CMML3S | 14:39 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.045 | mg/kg | | Y | Y | P | | | | | | | CMML3S | 17:41 |
| EM0016 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 13200 | mg/kg | | Y | Y | P | | | | | | | CMML7S | 14:44 |
| | | | | ANTIMONY | 7.1 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMML7S | 14:44 |
| | | | | ARSENIC | 6.5 | mg/kg | | Y | Y | P | | | | | | | CMML7S | 18:36 |
| | | | | BARIUM | 69.2 | mg/kg | | Y | Y | P | | | | | | | CMML7S | 14:44 |
| | | | | BERYLLIUM | 0.59 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 14:44 |
| | | | | CADMIUM | 0.59 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 14:44 |
| | | | | CALCIUM | 595 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 14:44 |
| | | | | CHROMIUM | 14.9 | mg/kg | | Y | Y | P | | | | | | | CMML7S | 14:44 |
| | | | | COBALT | 15.7 | mg/kg | | Y | Y | P | | | | | | | CMML7S | 14:44 |
| | | | | COPPER | 11.2 | mg/kg | | Y | Y | P | | | | | | | CMML7S | 14:44 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | |
| EM0016 | SW6010 | SW3050 | N 0 1 | IRON | 23700 | mg/kg | | Y Y P | | | | | | | CMML7S | 14:44 |
| | | | | LEAD | 25.1 | mg/kg | | Y Y P | J | | 08A | | | | CMML7S | 18:36 |
| | | | | MAGNESIUM | 595 | mg/kg | U | N Y U | U | | | | | | CMML7S | 14:44 |
| | | | | MANGANESE | 2870 | mg/kg | | Y Y P | | | | | | | CMML7S | 14:44 |
| | | | | NICKEL | 6.7 | mg/kg | | Y Y P | | | | | | | CMML7S | 14:44 |
| | | | | POTASSIUM | 595 | mg/kg | U | N Y U | U | | | | | | CMML7S | 14:44 |
| | | | | SELENIUM | 0.59 | mg/kg | U | N Y U | U | | | | | | CMML7S | 18:36 |
| | | | | SILVER | 1.2 | mg/kg | U | N Y U | U | | | | | | CMML7S | 14:44 |
| | | | | SODIUM | 595 | mg/kg | U | N Y U | U | | | | | | CMML7S | 14:44 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N Y U | U | | | | | | CMML7S | 18:36 |
| | | | | VANADIUM | 22.0 | mg/kg | | Y Y P | | | | | | | CMML7S | 14:44 |
| | | | | ZINC | 20.3 | mg/kg | | Y Y F | B | | 06C | | | | CMML7S | 14:44 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.065 | mg/kg | | Y Y P | | | | | | | CMML7S | 17:43 |
| EM0017 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 7980 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | ANTIMONY | 7.0 | mg/kg | U | N Y U | UJ | | 08A | | | | CMMLAS | 14:49 |
| | | | | ARSENIC | 4.8 | mg/kg | | Y Y P | | | | | | | CMMLAS | 18:42 |
| | | | | BARIUM | 56.8 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | BERYLLIUM | 0.89 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | CADMIUM | 0.59 | mg/kg | U | N Y U | U | | | | | | CMMLAS | 14:49 |
| | | | | CALCIUM | 1880 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | CHROMIUM | 25.6 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | COBALT | 6.5 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | COPPER | 29.7 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | IRON | 26200 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | LEAD | 21.7 | mg/kg | | Y Y P | J | | 08A | | | | CMMLAS | 18:42 |
| | | | | MAGNESIUM | 585 | mg/kg | U | N Y U | U | | | | | | CMMLAS | 14:49 |
| | | | | MANGANESE | 175 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | NICKEL | 6.9 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | POTASSIUM | 637 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | SELENIUM | 1.4 | mg/kg | | Y Y P | | | | | | | CMMLAS | 18:42 |
| | | | | SILVER | 1.2 | mg/kg | U | N Y U | U | | | | | | CMMLAS | 14:49 |
| | | | | SODIUM | 585 | mg/kg | U | N Y U | U | | | | | | CMMLAS | 14:49 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N Y U | U | | | | | | CMMLAS | 18:42 |
| | | | | VANADIUM | 6.2 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | | | | ZINC | 33.0 | mg/kg | | Y Y P | | | | | | | CMMLAS | 14:49 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.039 | mg/kg | U | N Y U | U | | | | | | CMMLAS | 17:21 |
| EM0018 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 11800 | mg/kg | | Y Y P | | | | | | | CMMLCS | 14:53 |
| | | | | ANTIMONY | 7.0 | mg/kg | U | N Y U | UJ | | 08A | | | | CMMLCS | 14:53 |
| | | | | ARSENIC | 9.3 | mg/kg | | Y Y P | | | | | | | CMMLCS | 18:47 |
| | | | | BARIUM | 27.6 | mg/kg | | Y Y P | | | | | | | CMMLCS | 14:53 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0018 | SW6010 | SW3050 | N 0 1 | BERYLLIUM | 1.3 | mg/kg | | Y | Y | P | | | | | | | CMMLCS | 14:53 |
| | | | | CADMIUM | 0.59 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:53 |
| | | | | CALCIUM | 587 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:53 |
| | | | | CHROMIUM | 26.9 | mg/kg | | Y | Y | P | | | | | | | CMMLCS | 14:53 |
| | | | | COBALT | 6.8 | mg/kg | | Y | Y | P | | | | | | | CMMLCS | 14:53 |
| | | | | COPPER | 54.8 | mg/kg | | Y | Y | P | | | | | | | CMMLCS | 14:53 |
| | | | | IRON | 46300 | mg/kg | | Y | Y | P | | | | | | | CMMLCS | 14:53 |
| | | | | LEAD | 40.7 | mg/kg | | Y | Y | P | J | | 08A | | | | CMMLCS | 18:47 |
| | | | | MAGNESIUM | 587 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:53 |
| | | | | MANGANESE | 6.9 | mg/kg | | Y | Y | P | | | | | | | CMMLCS | 14:53 |
| | | | | NICKEL | 4.7 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:53 |
| | | | | POTASSIUM | 709 | mg/kg | | Y | Y | P | | | | | | | CMMLCS | 14:53 |
| | | | | SELENIUM | 2.2 | mg/kg | | Y | Y | P | | | | | | | CMMLCS | 18:47 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:53 |
| | | | | SODIUM | 587 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:53 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 18:47 |
| | | | | VANADIUM | 5.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:53 |
| | | | | ZINC | 30.9 | mg/kg | | Y | Y | F | B | | 06C | | | | CMMLCS | 14:53 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.039 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 17:24 |
| EM0019 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 5780 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:23 |
| | | | | ANTIMONY | 6.5 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMMLDS | 15:23 |
| | | | | ARSENIC | 2.0 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 19:20 |
| | | | | BARIUM | 40.3 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:23 |
| | | | | BERYLLIUM | 0.54 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:23 |
| | | | | CADMIUM | 0.54 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:23 |
| | | | | CALCIUM | 8050 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:23 |
| | | | | CHROMIUM | 15.3 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:23 |
| | | | | COBALT | 5.4 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:23 |
| | | | | COPPER | 3.6 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:23 |
| | | | | IRON | 6730 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:23 |
| | | | | LEAD | 6.5 | mg/kg | | Y | Y | P | J | | 08A | | | | CMMLDS | 19:20 |
| | | | | MAGNESIUM | 1520 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:23 |
| | | | | MANGANESE | 286 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:23 |
| | | | | NICKEL | 5.0 | mg/kg | | Y | Y | F | B | | 06B | | | | CMMLDS | 15:23 |
| | | | | POTASSIUM | 545 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:23 |
| | | | | SELENIUM | 0.54 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 19:20 |
| | | | | SILVER | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:23 |
| | | | | SODIUM | 545 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:23 |
| | | | | THALLIUM | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 19:20 |
| | | | | VANADIUM | 11.2 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:23 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0019 | SW6010 | SW3050 | N 0 1 | ZINC | 6.4 | mg/kg | | Y | Y | F | B | | 06C | | | | CMMLDS | 15:23 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.036 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 17:36 |
| EM0020 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 9430 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 15:27 |
| | | | | ANTIMONY | 7.0 | mg/kg | U | N | Y | U | UJ | | 08A | | | | CMMLES | 15:27 |
| | | | | ARSENIC | 6.7 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 19:26 |
| | | | | BARIUM | 23.4 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 15:27 |
| | | | | BERYLLIUM | 0.59 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 15:27 |
| | | | | CADMIUM | 0.59 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 15:27 |
| | | | | CALCIUM | 586 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 15:27 |
| | | | | CHROMIUM | 30.5 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 15:27 |
| | | | | COBALT | 8.8 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 15:27 |
| | | | | COPPER | 30.2 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 15:27 |
| | | | | IRON | 54100 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 15:27 |
| | | | | LEAD | 10.5 | mg/kg | | Y | Y | P | J | | 08A | | | | CMMLES | 19:26 |
| | | | | MAGNESIUM | 586 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 15:27 |
| | | | | MANGANESE | 41.4 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 15:27 |
| | | | | NICKEL | 8.3 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 15:27 |
| | | | | POTASSIUM | 586 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 15:27 |
| | | | | SELENIUM | 1.5 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 19:26 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 15:27 |
| | | | | SODIUM | 586 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 15:27 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 19:26 |
| | | | | VANADIUM | 5.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 15:27 |
| | | | | ZINC | 49.7 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 15:27 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.040 | mg/kg | | Y | Y | P | | | | | | | CMMLES | 17:38 |
| EM0001 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .041 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 19:00 |
| | | | | AROCLOR 1221 | .041 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 19:00 |
| | | | | AROCLOR 1232 | .041 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 19:00 |
| | | | | AROCLOR 1242 | .041 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 19:00 |
| | | | | AROCLOR 1248 | .041 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 19:00 |
| | | | | AROCLOR 1254 | .041 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 19:00 |
| | | | | AROCLOR 1260 | .041 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 19:00 |
| EM0002 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:20 |
| | | | | AROCLOR 1221 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:20 |
| | | | | AROCLOR 1232 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:20 |
| | | | | AROCLOR 1242 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:20 |
| | | | | AROCLOR 1248 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:20 |
| | | | | AROCLOR 1254 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:20 |
| | | | | AROCLOR 1260 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:20 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0003 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 19:39 |
| | | | | AROCLOR 1221 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 19:39 |
| | | | | AROCLOR 1232 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 19:39 |
| | | | | AROCLOR 1242 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 19:39 |
| | | | | AROCLOR 1248 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 19:39 |
| | | | | AROCLOR 1254 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 19:39 |
| | | | | AROCLOR 1260 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 19:39 |
| EM0004 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 19:58 |
| | | | | AROCLOR 1221 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 19:58 |
| | | | | AROCLOR 1232 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 19:58 |
| | | | | AROCLOR 1242 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 19:58 |
| | | | | AROCLOR 1248 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 19:58 |
| | | | | AROCLOR 1254 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 19:58 |
| | | | | AROCLOR 1260 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 19:58 |
| EM0005 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .039 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 00:00 |
| | | | | AROCLOR 1221 | .039 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 00:00 |
| | | | | AROCLOR 1232 | .039 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 00:00 |
| | | | | AROCLOR 1242 | .039 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 00:00 |
| | | | | AROCLOR 1248 | .039 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 00:00 |
| | | | | AROCLOR 1254 | .039 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 00:00 |
| | | | | AROCLOR 1260 | .039 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 00:00 |
| EM0007 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 00:00 |
| | | | | AROCLOR 1221 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 00:00 |
| | | | | AROCLOR 1232 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 00:00 |
| | | | | AROCLOR 1242 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 00:00 |
| | | | | AROCLOR 1248 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 00:00 |
| | | | | AROCLOR 1254 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 00:00 |
| | | | | AROCLOR 1260 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 00:00 |
| EM0008 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 00:00 |
| | | | | AROCLOR 1221 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 00:00 |
| | | | | AROCLOR 1232 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 00:00 |
| | | | | AROCLOR 1242 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 00:00 |
| | | | | AROCLOR 1248 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 00:00 |
| | | | | AROCLOR 1254 | .077 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 00:00 |
| | | | | AROCLOR 1260 | .13 | mg/kg | | Y | Y | P | | | | | | | CMMKES | 00:00 |
| EM0011 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 00:00 |
| | | | | AROCLOR 1221 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 00:00 |
| | | | | AROCLOR 1232 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 00:00 |
| | | | | AROCLOR 1242 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 00:00 |

# Validation Qualifi.. Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0011 | SW8082 | SW3550 | N 0 1 | AROCLOR 1248 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 00:00 |
| | | | | AROCLOR 1254 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 00:00 |
| | | | | AROCLOR 1260 | .037 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 00:00 |
| EM0012 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .036 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 00:00 |
| | | | | AROCLOR 1221 | .036 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 00:00 |
| | | | | AROCLOR 1232 | .036 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 00:00 |
| | | | | AROCLOR 1242 | .036 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 00:00 |
| | | | | AROCLOR 1248 | .036 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 00:00 |
| | | | | AROCLOR 1254 | .036 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 00:00 |
| | | | | AROCLOR 1260 | .036 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 00:00 |
| EM0015 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .038 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 00:00 |
| | | | | AROCLOR 1221 | .038 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 00:00 |
| | | | | AROCLOR 1232 | .038 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 00:00 |
| | | | | AROCLOR 1242 | .038 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 00:00 |
| | | | | AROCLOR 1248 | .038 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 00:00 |
| | | | | AROCLOR 1254 | .038 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 00:00 |
| | | | | AROCLOR 1260 | .038 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 00:00 |
| EM0016 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 00:00 |
| | | | | AROCLOR 1221 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 00:00 |
| | | | | AROCLOR 1232 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 00:00 |
| | | | | AROCLOR 1242 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 00:00 |
| | | | | AROCLOR 1248 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 00:00 |
| | | | | AROCLOR 1254 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 00:00 |
| | | | | AROCLOR 1260 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 00:00 |
| EM0017 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 00:00 |
| | | | | AROCLOR 1221 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 00:00 |
| | | | | AROCLOR 1232 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 00:00 |
| | | | | AROCLOR 1242 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 00:00 |
| | | | | AROCLOR 1248 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 00:00 |
| | | | | AROCLOR 1254 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 00:00 |
| | | | | AROCLOR 1260 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 00:00 |
| EM0018 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 00:00 |
| | | | | AROCLOR 1221 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 00:00 |
| | | | | AROCLOR 1232 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 00:00 |
| | | | | AROCLOR 1242 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 00:00 |
| | | | | AROCLOR 1248 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 00:00 |
| | | | | AROCLOR 1254 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 00:00 |
| | | | | AROCLOR 1260 | .039 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 00:00 |
| EM0019 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .036 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 00:00 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | |
| EM0019 | SW8082 | SW3550 | N 0 1 | AROCLOR 1221 | .036 | mg/kg | U | N Y U | U | | | | | | CMMLDS | 00:00 |
| | | | | AROCLOR 1232 | .036 | mg/kg | U | N Y U | U | | | | | | CMMLDS | 00:00 |
| | | | | AROCLOR 1242 | .036 | mg/kg | U | N Y U | U | | | | | | CMMLDS | 00:00 |
| | | | | AROCLOR 1248 | .036 | mg/kg | U | N Y U | U | | | | | | CMMLDS | 00:00 |
| | | | | AROCLOR 1254 | .036 | mg/kg | U | N Y U | U | | | | | | CMMLDS | 00:00 |
| | | | | AROCLOR 1260 | .036 | mg/kg | U | N Y U | U | | | | | | CMMLDS | 00:00 |
| EM0020 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .039 | mg/kg | U | N Y U | U | | | | | | CMMLES | 00:00 |
| | | | | AROCLOR 1221 | .039 | mg/kg | U | N Y U | U | | | | | | CMMLES | 00:00 |
| | | | | AROCLOR 1232 | .039 | mg/kg | U | N Y U | U | | | | | | CMMLES | 00:00 |
| | | | | AROCLOR 1242 | .039 | mg/kg | U | N Y U | U | | | | | | CMMLES | 00:00 |
| | | | | AROCLOR 1248 | .039 | mg/kg | U | N Y U | U | | | | | | CMMLES | 00:00 |
| | | | | AROCLOR 1254 | .039 | mg/kg | U | N Y U | U | | | | | | CMMLES | 00:00 |
| | | | | AROCLOR 1260 | .039 | mg/kg | U | N Y U | U | | | | | | CMMLES | 00:00 |
| EM0001 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 1,2-DICHLOROBENZENE | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 1,3-DICHLOROBENZENE | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 1,4-DICHLOROBENZENE | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2,4,5-TRICHLOROPHENOL | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2,4,6-TRICHLOROPHENOL | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2,4-DICHLOROPHENOL | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2,4-DIMETHYLPHENOL | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2,4-DINITROPHENOL | 2 | mg/kg | U | N Y U | UJ | | 04B | 05B | | | CMHN3S | 00:33 |
| | | | | 2,4-DINITROTOLUENE | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2,6-DINITROTOLUENE | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2-CHLORONAPHTHALENE | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2-CHLOROPHENOL | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2-METHYLNAPHTHALENE | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2-METHYLPHENOL | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2-NITROANILINE | 2 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 2-NITROPHENOL | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 3,3'-DICHLOROBENZIDINE | 2 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 3-NITROANILINE | 2 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 2 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 4-CHLOROANILINE | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 4-METHYLPHENOL | .41 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |
| | | | | 4-NITROANILINE | 2 | mg/kg | U | N Y U | U | | | | | | CMHN3S | 00:33 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0001 | SW8270 | SW3550 | N 0 1 | 4-NITROPHENOL | 2 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | ACENAPHTHENE | .062 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN3S | 00:33 |
| | | | | ACENAPHTHYLENE | .19 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN3S | 00:33 |
| | | | | ANTHRACENE | .39 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN3S | 00:33 |
| | | | | BENZ(A)ANTHRACENE | .97 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 00:33 |
| | | | | BENZO(A)PYRENE | .73 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 00:33 |
| | | | | BENZO(B)FLUORANTHENE | 1.1 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 00:33 |
| | | | | BENZO(GHI)PERYLENE | .28 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN3S | 00:33 |
| | | | | BENZO(K)FLUORANTHENE | .67 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 00:33 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | BUTYL BENZYL PHTHALATE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | CARBAZOLE | .25 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN3S | 00:33 |
| | | | | CHRYSENE | .93 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 00:33 |
| | | | | DI-N-BUTYL PHTHALATE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | DI-N-OCTYL PHTHALATE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | DIBENZ(A,H)ANTHRACENE | .19 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN3S | 00:33 |
| | | | | DIBENZOFURAN | .072 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN3S | 00:33 |
| | | | | DIETHYL PHTHALATE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | DIMETHYL PHTHALATE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | FLUORANTHENE | 2 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 00:33 |
| | | | | FLUORENE | .22 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN3S | 00:33 |
| | | | | HEXACHLOROBENZENE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | HEXACHLOROBUTADIENE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 2 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | HEXACHLOROETHANE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | INDENO(1,2,3-CD)PYRENE | .34 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN3S | 00:33 |
| | | | | ISOPHORONE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | N-NITROSODIPHENYLAMINE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | NAPHTHALENE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | NITROBENZENE | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | PENTACHLOROPHENOL | 2 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | PHENANTHRENE | .84 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 00:33 |
| | | | | PHENOL | .41 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 00:33 |
| | | | | PYRENE | 1.7 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 00:33 |
| EM0002 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 1,2-DICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 1,3-DICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0002 | SW8270 | SW3550 | N 0 1 | 1,4-DICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .37 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN6S | 19:42 |
| | | | | 2,4,5-TRICHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2,4,6-TRICHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2,4-DICHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2,4-DIMETHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2,4-DINITROPHENOL | 1.8 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | | | CMHN6S | 19:42 |
| | | | | 2,4-DINITROTOLUENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2,6-DINITROTOLUENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2-CHLORONAPHTHALENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2-CHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2-METHYLNAPHTHALENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2-METHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 2-NITROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 3-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN6S | 19:42 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 4-CHLOROANILINE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 4-METHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 4-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | 4-NITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | ACENAPHTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | ACENAPHTHYLENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | ANTHRACENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | BENZ(A)ANTHRACENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | BENZO(A)PYRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | BENZO(B)FLUORANTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | BENZO(GHI)PERYLENE | .37 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN6S | 19:42 |
| | | | | BENZO(K)FLUORANTHENE | .37 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN6S | 19:42 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | BUTYL BENZYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | CARBAZOLE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | CHRYSENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | DI-N-BUTYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | C' '6S | 19:42 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0002 | SW8270 | SW3550 | N 0 1 | DI-N-OCTYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | DIBENZ(A,H)ANTHRACENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | DIBENZOFURAN | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | DIETHYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | DIMETHYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | FLUORANTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | FLUORENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | HEXACHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | HEXACHLOROBUTADIENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN6S | 19:42 |
| | | | | HEXACHLOROETHANE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | INDENO(1,2,3-CD)PYRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | ISOPHORONE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .37 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN6S | 19:42 |
| | | | | N-NITROSODIPHENYLAMINE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | NAPHTHALENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | NITROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | PENTACHLOROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | PHENANTHRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | PHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| | | | | PYRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 19:42 |
| EM0003 | SW8270 | SW3550 | N 0 10 | 1,2,4-TRICHLOROBENZENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 1,2-DICHLOROBENZENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 1,3-DICHLOROBENZENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 1,4-DICHLOROBENZENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | 3.9 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN7S | 20:23 |
| | | | | 2,4,5-TRICHLOROPHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2,4,6-TRICHLOROPHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2,4-DICHLOROPHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2,4-DIMETHYLPHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2,4-DINITROPHENOL | 19 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN7S | 20:23 |
| | | | | 2,4-DINITROTOLUENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2,6-DINITROTOLUENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2-CHLORONAPHTHALENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2-CHLOROPHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2-METHYLNAPHTHALENE | .63 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 20:23 |
| | | | | 2-METHYLPHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2-NITROANILINE | 19 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 2-NITROPHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 3,3'-DICHLOROBENZIDINE | 19 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0003 | SW8270 | SW3550 | N 0 10 | 3-NITROANILINE | 19 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 19 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN7S | 20:23 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 4-CHLORO-3-METHYLPHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 4-CHLOROANILINE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 4-METHYLPHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 4-NITROANILINE | 19 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | 4-NITROPHENOL | 19 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | ACENAPHTHENE | 1.4 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 20:23 |
| | | | | ACENAPHTHYLENE | 2.3 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 20:23 |
| | | | | ANTHRACENE | 5.6 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 20:23 |
| | | | | BENZ(A)ANTHRACENE | 6.5 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 20:23 |
| | | | | BENZO(A)PYRENE | 5.3 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 20:23 |
| | | | | BENZO(B)FLUORANTHENE | 4.3 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 20:23 |
| | | | | BENZO(GHI)PERYLENE | 1.6 | mg/kg | J | Y | Y | P | J | | 05B | 15 | | | CMHN7S | 20:23 |
| | | | | BENZO(K)FLUORANTHENE | 6.5 | mg/kg | | Y | Y | P | J | | 05B | | | | CMHN7S | 20:23 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | BIS(2-CHLOROETHYL) ETHER | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | BUTYL BENZYL PHTHALATE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | CARBAZOLE | 3 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 20:23 |
| | | | | CHRYSENE | 6.1 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 20:23 |
| | | | | DI-N-BUTYL PHTHALATE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | DI-N-OCTYL PHTHALATE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | DIBENZ(A,H)ANTHRACENE | 1 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 20:23 |
| | | | | DIBENZOFURAN | 2 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 20:23 |
| | | | | DIETHYL PHTHALATE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | DIMETHYL PHTHALATE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | FLUORANTHENE | 20 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 20:23 |
| | | | | FLUORENE | 5.2 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 20:23 |
| | | | | HEXACHLOROBENZENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | HEXACHLOROBUTADIENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 19 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN7S | 20:23 |
| | | | | HEXACHLOROETHANE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | INDENO(1,2,3-CD)PYRENE | 1.9 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 20:23 |
| | | | | ISOPHORONE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | N-NITROSODI-N-PROPYLAMINE | 3.9 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN7S | 20:23 |
| | | | | N-NITROSODIPHENYLAMINE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | NAPHTHALENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0003 | SW8270 | SW3550 | N 0 10 | NITROBENZENE | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | PENTACHLOROPHENOL | 19 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | PHENANTHRENE | 18 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 20:23 |
| | | | | PHENOL | 3.9 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 20:23 |
| | | | | PYRENE | 14 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 20:23 |
| EM0004 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 1,2-DICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 1,3-DICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 1,4-DICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .37 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN8S | 16:22 |
| | | | | 2,4,5-TRICHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2,4,6-TRICHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2,4-DICHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2,4-DIMETHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2,4-DINITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2,4-DINITROTOLUENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2,6-DINITROTOLUENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2-CHLORONAPHTHALENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2-CHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2-METHYLNAPHTHALENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2-METHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 2-NITROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 3-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 4-CHLOROANILINE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 4-METHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 4-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | 4-NITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | ACENAPHTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | ACENAPHTHYLENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | ANTHRACENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | BENZ(A)ANTHRACENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | BENZO(A)PYRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | BENZO(B)FLUORANTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | BENZO(GHI)PERYLENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0004 | SW8270 | SW3550 | N 0 1 | BENZO(K)FLUORANTHENE | .37 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN8S | 16:22 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | BUTYL BENZYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | CARBAZOLE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | CHRYSENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | DI-N-BUTYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | DI-N-OCTYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | DIBENZ(A,H)ANTHRACENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | DIBENZOFURAN | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | DIETHYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | DIMETHYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | FLUORANTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | FLUORENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | HEXACHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | HEXACHLOROBUTADIENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | HEXACHLOROETHANE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | INDENO(1,2,3-CD)PYRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | ISOPHORONE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | N-NITROSODIPHENYLAMINE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | NAPHTHALENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | NITROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | PENTACHLOROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | PHENANTHRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | PHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| | | | | PYRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 16:22 |
| EM0005 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 1,2-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 1,3-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 1,4-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 2,4,5-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 2,4,6-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 2,4-DICHLOROPHENOL | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 2,4-DIMETHYLPHENOL | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 2,4-DINITROPHENOL | 1.9 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | 2,4-DINITROTOLUENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | |
| EM0005 | SW8270 | SW3550 | N 0 1 | 2,6-DINITROTOLUENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 2-CHLORONAPHTHALENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 2-CHLOROPHENOL | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 2-METHYLNAPHTHALENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 2-METHYLPHENOL | .39 | mg/kg | U | N Y | UJ | | 05B | | | | CMMK4S | 19:41 |
| | | | | 2-NITROANILINE | 1.9 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 2-NITROPHENOL | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.9 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 3-NITROANILINE | 1.9 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.9 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 4-CHLOROANILINE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 4-METHYLPHENOL | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 4-NITROANILINE | 1.9 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | 4-NITROPHENOL | 1.9 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | ACENAPHTHENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | ACENAPHTHYLENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | ANTHRACENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | BENZ(A)ANTHRACENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | BENZO(A)PYRENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | BENZO(B)FLUORANTHENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | BENZO(GHI)PERYLENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | BENZO(K)FLUORANTHENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .085 | mg/kg | J B | Y Y | B | | 06A | 15 | | | CMMK4S | 19:41 |
| | | | | BUTYL BENZYL PHTHALATE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | CARBAZOLE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | CHRYSENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | DI-N-BUTYL PHTHALATE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | DI-N-OCTYL PHTHALATE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | DIBENZ(A,H)ANTHRACENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | DIBENZOFURAN | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | DIETHYL PHTHALATE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | DIMETHYL PHTHALATE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | FLUORANTHENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | FLUORENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |
| | | | | HEXACHLOROBENZENE | .39 | mg/kg | U | N Y | U | | | | | | CMMK4S | 19:41 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0005 | SW8270 | SW3550 | N 0 1 | HEXACHLOROBUTADIENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.9 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | HEXACHLOROETHANE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | INDENO(1,2,3-CD)PYRENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | ISOPHORONE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | N-NITROSODIPHENYLAMINE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | NAPHTHALENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | NITROBENZENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | PENTACHLOROPHENOL | 1.9 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | PHENANTHRENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | PHENOL | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| | | | | PYRENE | .39 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 19:41 |
| EM0007 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 1,2-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 1,3-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 1,4-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2,4,5-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2,4,6-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2,4-DICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2,4-DIMETHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2,4-DINITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2,4-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2,6-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2-CHLORONAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2-CHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2-METHYLNAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKCS | 18:23 |
| | | | | 2-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 2-NITROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 3-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 4-CHLOROANILINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 4-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | 4-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0007 | SW8270 | SW3550 | N 0 1 | 4-NITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | ACENAPHTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | ACENAPHTHYLENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | BENZ(A)ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | BENZO(A)PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | BENZO(B)FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | BENZO(GHI)PERYLENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | BENZO(K)FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | BUTYL BENZYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | CARBAZOLE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | CHRYSENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | DI-N-BUTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | DI-N-OCTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | DIBENZ(A,H)ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | DIBENZOFURAN | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | DIETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | DIMETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | FLUORENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | HEXACHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | HEXACHLOROBUTADIENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | HEXACHLOROETHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | INDENO(1,2,3-CD)PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | ISOPHORONE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | N-NITROSODIPHENYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | NAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | NITROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | PENTACHLOROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | PHENANTHRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | PHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| | | | | PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 18:23 |
| EM0008 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 1,2-DICHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 1,3-DICHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0008 | SW8270 | SW3550 | N 0 1 | 1,4-DICHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2,4,5-TRICHLOROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2,4,6-TRICHLOROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2,4-DICHLOROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2,4-DIMETHYLPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2,4-DINITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2,4-DINITROTOLUENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2,6-DINITROTOLUENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2-CHLORONAPHTHALENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2-CHLOROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2-METHYLNAPHTHALENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2-METHYLPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 2-NITROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 3-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 4-CHLOROANILINE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 4-METHYLPHENOL | .4 | mg/kg | U | N | Y | U | UJ | 05B | | | | | CMMKES | 21:49 |
| | | | | 4-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | 4-NITROPHENOL | 1.9 | mg/kg | U | N | Y | U | UJ | 05B | | | | | CMMKES | 21:49 |
| | | | | ACENAPHTHENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | ACENAPHTHYLENE | .072 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMKES | 21:49 |
| | | | | ANTHRACENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | BENZ(A)ANTHRACENE | .067 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMKES | 21:49 |
| | | | | BENZO(A)PYRENE | .16 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMKES | 21:49 |
| | | | | BENZO(B)FLUORANTHENE | .13 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMKES | 21:49 |
| | | | | BENZO(GHI)PERYLENE | .14 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMKES | 21:49 |
| | | | | BENZO(K)FLUORANTHENE | .17 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMKES | 21:49 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .071 | mg/kg | J B | Y | Y | F | B | 06A | 15 | | | | CMMKES | 21:49 |
| | | | | BUTYL BENZYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | CARBAZOLE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | CHRYSENE | .085 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMKES | 21:49 |
| | | | | DI-N-BUTYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0008 | SW8270 | SW3550 | N 0 1 | DI-N-OCTYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | DIBENZ(A,H)ANTHRACENE | .048 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMKES | 21:49 |
| | | | | DIBENZOFURAN | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | DIETHYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | DIMETHYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | FLUORANTHENE | .069 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMKES | 21:49 |
| | | | | FLUORENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | HEXACHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | HEXACHLOROBUTADIENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | HEXACHLOROETHANE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | INDENO(1,2,3-CD)PYRENE | .11 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMKES | 21:49 |
| | | | | ISOPHORONE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | N-NITROSODIPHENYLAMINE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | NAPHTHALENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | NITROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | PENTACHLOROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | PHENANTHRENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | PHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 21:49 |
| | | | | PYRENE | .093 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMKES | 21:49 |
| EM0011 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 1,2-DICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 1,3-DICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 1,4-DICHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2,4,5-TRICHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2,4,6-TRICHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2,4-DICHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2,4-DIMETHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2,4-DINITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2,4-DINITROTOLUENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2,6-DINITROTOLUENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2-CHLORONAPHTHALENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2-CHLOROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2-METHYLNAPHTHALENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2-METHYLPHENOL | .37 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKJS | 19:02 |
| | | | | 2-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 2-NITROPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0011 | SW8270 | SW3550 | N 0 1 | 3-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 4-CHLOROANILINE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 4-METHYLPHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 4-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | 4-NITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | ACENAPHTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | ACENAPHTHYLENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | ANTHRACENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | BENZ(A)ANTHRACENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | BENZO(A)PYRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | BENZO(B)FLUORANTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | BENZO(GHI)PERYLENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | BENZO(K)FLUORANTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .091 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMMKJS | 19:02 |
| | | | | BUTYL BENZYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | CARBAZOLE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | CHRYSENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | DI-N-BUTYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | DI-N-OCTYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | DIBENZ(A,H)ANTHRACENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | DIBENZOFURAN | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | DIETHYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | DIMETHYL PHTHALATE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | FLUORANTHENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | FLUORENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | HEXACHLOROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | HEXACHLOROBUTADIENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | HEXACHLOROETHANE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | INDENO(1,2,3-CD)PYRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | ISOPHORONE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | N-NITROSODIPHENYLAMINE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | NAPHTHALENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0011 | SW8270 | SW3550 | N 0 1 | NITROBENZENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | PENTACHLOROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | PHENANTHRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | PHENOL | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| | | | | PYRENE | .37 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 19:02 |
| EM0012 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 1,2-DICHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 1,3-DICHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 1,4-DICHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2,4,5-TRICHLOROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2,4,6-TRICHLOROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2,4-DICHLOROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2,4-DIMETHYLPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2,4-DINITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2,4-DINITROTOLUENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2,6-DINITROTOLUENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2-CHLORONAPHTHALENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2-CHLOROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2-METHYLNAPHTHALENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2-METHYLPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 2-NITROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 3-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 4-CHLOROANILINE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 4-METHYLPHENOL | .36 | mg/kg | U | N | Y | U | UJ | 05B | | | | | CMMKXS | 19:53 |
| | | | | 4-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | 4-NITROPHENOL | 1.8 | mg/kg | U | N | Y | U | UJ | 05B | | | | | CMMKXS | 19:53 |
| | | | | ACENAPHTHENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | ACENAPHTHYLENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | ANTHRACENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | BENZ(A)ANTHRACENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | BENZO(A)PYRENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | BENZO(B)FLUORANTHENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | BENZO(GHI)PERYLENE | .037 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMKXS | 19:53 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0012 | SW8270 | SW3550 | N 0 1 | BENZO(K)FLUORANTHENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .074 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMMKXS | 19:53 |
| | | | | BUTYL BENZYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | CARBAZOLE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | CHRYSENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | DI-N-BUTYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | DI-N-OCTYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | DIBENZ(A,H)ANTHRACENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | DIBENZOFURAN | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | DIETHYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | DIMETHYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | FLUORANTHENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | FLUORENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | HEXACHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | HEXACHLOROBUTADIENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | HEXACHLOROETHANE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | INDENO(1,2,3-CD)PYRENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | ISOPHORONE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | N-NITROSODIPHENYLAMINE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | NAPHTHALENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | NITROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | PENTACHLOROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | PHENANTHRENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | PHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| | | | | PYRENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 19:53 |
| EM0015 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 1,2-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 1,3-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 1,4-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2,4,5-TRICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2,4,6-TRICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2,4-DICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2,4-DIMETHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2,4-DINITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2,4-DINITROTOLUENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0015 | SW8270 | SW3550 | N 0 1 | 2,6-DINITROTOLUENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2-CHLORONAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2-CHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2-METHYLNAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMML3S | 17:06 |
| | | | | 2-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 2-NITROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 3-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 4-CHLOROANILINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 4-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 4-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | 4-NITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | ACENAPHTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | ACENAPHTHYLENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | ANTHRACENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | BENZ(A)ANTHRACENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | BENZO(A)PYRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | BENZO(B)FLUORANTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | BENZO(GHI)PERYLENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | BENZO(K)FLUORANTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | BUTYL BENZYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | CARBAZOLE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | CHRYSENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | DI-N-BUTYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | DI-N-OCTYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | DIBENZ(A,H)ANTHRACENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | DIBENZOFURAN | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | DIETHYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | DIMETHYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | FLUORANTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | FLUORENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | HEXACHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0015 | SW8270 | SW3550 | N 0 1 | HEXACHLOROBUTADIENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | HEXACHLOROETHANE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | INDENO(1,2,3-CD)PYRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | ISOPHORONE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | N-NITROSODIPHENYLAMINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | NAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | NITROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | PENTACHLOROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | PHENANTHRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | PHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| | | | | PYRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 17:06 |
| EM0016 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 1,2-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 1,3-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 1,4-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2,4,5-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2,4,6-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2,4-DICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2,4-DIMETHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2,4-DINITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2,4-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2,6-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2-CHLORONAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2-CHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2-METHYLNAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | UJ | 05B | | | | | CMML7S | 17:44 |
| | | | | 2-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 2-NITROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 3-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 4-CHLOROANILINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 4-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | 4-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0016 | SW8270 | SW3550 | N 0 1 | 4-NITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | ACENAPHTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | ACENAPHTHYLENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | BENZ(A)ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | BENZO(A)PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | BENZO(B)FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | BENZO(GHI)PERYLENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | BENZO(K)FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .076 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMML7S | 17:44 |
| | | | | BUTYL BENZYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | CARBAZOLE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | CHRYSENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | DI-N-BUTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | DI-N-OCTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | DIBENZ(A,H)ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | DIBENZOFURAN | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | DIETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | DIMETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | FLUORENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | HEXACHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | HEXACHLOROBUTADIENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | HEXACHLOROETHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | INDENO(1,2,3-CD)PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | ISOPHORONE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | N-NITROSODIPHENYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | NAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | NITROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | PENTACHLOROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | PHENANTHRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | PHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| | | | | PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 17:44 |
| EM0017 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 1,2-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 1,3-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0017 | SW8270 | SW3550 | N 0 1 | 1,4-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2,4,5-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2,4,6-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2,4-DICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2,4-DIMETHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2,4-DINITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2,4-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2,6-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2-CHLORONAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2-CHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2-METHYLNAPHTHALENE | .13 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLAS | 14:47 |
| | | | | 2-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLAS | 14:47 |
| | | | | 2-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 2-NITROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 3-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 4-CHLOROANILINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 4-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 4-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | 4-NITROPHENOL | 1.9 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLAS | 14:47 |
| | | | | ACENAPHTHENE | .098 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLAS | 14:47 |
| | | | | ACENAPHTHYLENE | 1.3 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | ANTHRACENE | .89 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | BENZ(A)ANTHRACENE | .9 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | BENZO(A)PYRENE | 3.8 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | BENZO(B)FLUORANTHENE | 3.6 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | BENZO(GHI)PERYLENE | .87 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | BENZO(K)FLUORANTHENE | 3.3 | mg/kg | | Y | Y | P | J | | 05B | | | | CMMLAS | 14:47 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .077 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMMLAS | 14:47 |
| | | | | BUTYL BENZYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | CARBAZOLE | .24 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLAS | 14:47 |
| | | | | CHRYSENE | 1.2 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | DI-N-BUTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0017 | SW8270 | SW3550 | N 0 1 | DI-N-OCTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | DIBENZ(A,H)ANTHRACENE | .55 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | DIBENZOFURAN | .094 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLAS | 14:47 |
| | | | | DIETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | DIMETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | FLUORANTHENE | 2 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | FLUORENE | .26 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLAS | 14:47 |
| | | | | HEXACHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | HEXACHLOROBUTADIENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.9 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLAS | 14:47 |
| | | | | HEXACHLOROETHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | INDENO(1,2,3-CD)PYRENE | 1.1 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | ISOPHORONE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | N-NITROSODIPHENYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | NAPHTHALENE | .25 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLAS | 14:47 |
| | | | | NITROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | PENTACHLOROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | PHENANTHRENE | .72 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| | | | | PHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 14:47 |
| | | | | PYRENE | 2.1 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 14:47 |
| EM0018 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 1,2-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 1,3-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 1,4-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2,4,5-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2,4,6-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2,4-DICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2,4-DIMETHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2,4-DINITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2,4-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2,6-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2-CHLORONAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2-CHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2-METHYLNAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 2-NITROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0018 | SW8270 | SW3550 | N 0 1 | 3-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 4-CHLOROANILINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 4-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLCS | 14:41 |
| | | | | 4-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | 4-NITROPHENOL | 1.9 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLCS | 14:41 |
| | | | | ACENAPHTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | ACENAPHTHYLENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | BENZ(A)ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | BENZO(A)PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | BENZO(B)FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | BENZO(GHI)PERYLENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | BENZO(K)FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .069 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMMLCS | 14:41 |
| | | | | BUTYL BENZYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | CARBAZOLE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | CHRYSENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | DI-N-BUTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | DI-N-OCTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | DIBENZ(A,H)ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | DIBENZOFURAN | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | DIETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | DIMETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | FLUORENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | HEXACHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | HEXACHLOROBUTADIENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | HEXACHLOROETHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | INDENO(1,2,3-CD)PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | ISOPHORONE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | N-NITROSODIPHENYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | NAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |

# Validation Qualifier Data Entry Verification
## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0018 | SW8270 | SW3550 | N 0 1 | NITROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | PENTACHLOROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | PHENANTHRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | PHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| | | | | PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 14:41 |
| EM0019 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 1,2-DICHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 1,3-DICHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 1,4-DICHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2,4,5-TRICHLOROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2,4,6-TRICHLOROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2,4-DICHLOROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2,4-DIMETHYLPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2,4-DINITROPHENOL | 1.7 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2,4-DINITROTOLUENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2,6-DINITROTOLUENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2-CHLORONAPHTHALENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2-CHLOROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2-METHYLNAPHTHALENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2-METHYLPHENOL | .36 | mg/kg | U | N | Y | U | UJ | 05B | | | | | CMMLDS | 15:26 |
| | | | | 2-NITROANILINE | 1.7 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 2-NITROPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.7 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 3-NITROANILINE | 1.7 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.7 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 4-CHLOROANILINE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 4-METHYLPHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 4-NITROANILINE | 1.7 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | 4-NITROPHENOL | 1.7 | mg/kg | U | N | Y | U | UJ | 05B | | | | | CMMLDS | 15:26 |
| | | | | ACENAPHTHENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | ACENAPHTHYLENE | .43 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:26 |
| | | | | ANTHRACENE | .29 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMLDS | 15:26 |
| | | | | BENZ(A)ANTHRACENE | .85 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:26 |
| | | | | BENZO(A)PYRENE | 1.1 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:26 |
| | | | | BENZO(B)FLUORANTHENE | 1.2 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:26 |
| | | | | BENZO(GHI)PERYLENE | .29 | mg/kg | J | Y | Y | P | J | 15 | | | | | CMMLDS | 15:26 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0019 | SW8270 | SW3550 | N 0 1 | BENZO(K)FLUORANTHENE | 1.3 | mg/kg | | Y | Y | P | J | | 05B | | | | CMMLDS | 15:26 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .092 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMMLDS | 15:26 |
| | | | | BUTYL BENZYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | CARBAZOLE | .15 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLDS | 15:26 |
| | | | | CHRYSENE | 1 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:26 |
| | | | | DI-N-BUTYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | DI-N-OCTYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | DIBENZ(A,H)ANTHRACENE | .16 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLDS | 15:26 |
| | | | | DIBENZOFURAN | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | DIETHYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | DIMETHYL PHTHALATE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | FLUORANTHENE | 2.2 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:26 |
| | | | | FLUORENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | HEXACHLOROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | HEXACHLOROBUTADIENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.7 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLDS | 15:26 |
| | | | | HEXACHLOROETHANE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | INDENO(1,2,3-CD)PYRENE | .31 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLDS | 15:26 |
| | | | | ISOPHORONE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | N-NITROSODIPHENYLAMINE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | NAPHTHALENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | NITROBENZENE | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | PENTACHLOROPHENOL | 1.7 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | PHENANTHRENE | .33 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLDS | 15:26 |
| | | | | PHENOL | .36 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 15:26 |
| | | | | PYRENE | 2.1 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 15:26 |
| EM0020 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 1,2-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 1,3-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 1,4-DICHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2,4,5-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2,4,6-TRICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2,4-DICHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2,4-DIMETHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2,4-DINITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2,4-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0020 | SW8270 | SW3550 | N 0 1 | 2,6-DINITROTOLUENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2-CHLORONAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2-CHLOROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2-METHYLNAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLES | 16:27 |
| | | | | 2-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 2-NITROPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 3-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 4-CHLOROANILINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 4-METHYLPHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 4-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | 4-NITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | ACENAPHTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | ACENAPHTHYLENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | BENZ(A)ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | BENZO(A)PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | BENZO(B)FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | BENZO(GHI)PERYLENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | BENZO(K)FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .085 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMMLES | 16:27 |
| | | | | BUTYL BENZYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | CARBAZOLE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | CHRYSENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | DI-N-BUTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | DI-N-OCTYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | DIBENZ(A,H)ANTHRACENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | DIBENZOFURAN | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | DIETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | DIMETHYL PHTHALATE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | FLUORANTHENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | FLUORENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | HEXACHLOROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0020 | SW8270 | SW3550 | N 0 1 | HEXACHLOROBUTADIENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | HEXACHLOROETHANE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | INDENO(1,2,3-CD)PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | ISOPHORONE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | N-NITROSODIPHENYLAMINE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | NAPHTHALENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | NITROBENZENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | PENTACHLOROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | PHENANTHRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | PHENOL | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| | | | | PYRENE | .39 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 16:27 |
| EM0001 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,1,1-TRICHLOROETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 1,1,2-TRICHLOROETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,1-DICHLOROETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,1-DICHLOROETHENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,1-DICHLOROPROPENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 1,2-DIBROMOETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,2-DICHLOROBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 1,2-DICHLOROETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,2-DICHLOROPROPANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 1,3-DICHLOROBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 1,3-DICHLOROPROPANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 1,4-DICHLOROBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 2,2-DICHLOROPROPANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 2-BUTANONE | .03 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 14:25 |
| | | | | 2-CHLOROTOLUENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 2-HEXANONE | .025 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | 4-CHLOROTOLUENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | 4-METHYL-2-PENTANONE | .025 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | ACETONE | .23 | mg/kg | | Y | Y | P | J | | 04A | 05A | | | C[illegible]3S | 14:25 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0001 | SW8260 | SW5030 | N 0 1 | BENZENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | BROMOBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | BROMOCHLOROMETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | BROMODICHLOROMETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | BROMOFORM | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMHN3S | 14:25 |
| | | | | CARBON DISULFIDE | .014 | mg/kg | | Y | Y | P | | | | | | | CMHN3S | 14:25 |
| | | | | CARBON TETRACHLORIDE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | CHLOROBENZENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | CHLORODIBROMOMETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN3S | 14:25 |
| | | | | CHLOROFORM | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | CIS-1,2-DICHLOROETHENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | DIBROMOMETHANE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN3S | 14:25 |
| | | | | ETHYLBENZENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | HEXACHLOROBUTADIENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | ISOPROPYLBENZENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | M-XYLENE & P-XYLENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | METHYLENE CHLORIDE | .0035 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMHN3S | 14:25 |
| | | | | N-BUTYLBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | N-PROPYLBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | NAPHTHALENE | .0044 | mg/kg | J | Y | Y | P | J | | 04B | 05B | 10A | 15 | CMHN3S | 14:25 |
| | | | | O-XYLENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | P-ISOPROPYLTOLUENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | SEC-BUTYLBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | STYRENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | TERT-BUTYLBENZENE | .0062 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN3S | 14:25 |
| | | | | TETRACHLOROETHENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | TOLUENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | TRICHLOROETHENE | .0062 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMHN3S | 14:25 |
| EM0002 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,1,1-TRICHLOROETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0002 | SW8260 | SW5030 | N 0 1 | 1,1,2-TRICHLOROETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,1-DICHLOROETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,1-DICHLOROETHENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,1-DICHLOROPROPENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,2-DIBROMOETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,2-DICHLOROBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,2-DICHLOROETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,2-DICHLOROPROPANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,3-DICHLOROBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,3-DICHLOROPROPANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 1,4-DICHLOROBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 2,2-DICHLOROPROPANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 2-BUTANONE | .022 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 2-CHLOROTOLUENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 2-HEXANONE | .022 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 4-CHLOROTOLUENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | 4-METHYL-2-PENTANONE | .022 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | ACETONE | .015 | mg/kg | J | Y | Y | F | B | | 04A | 05A | 06C | 15 | CMHN6S | 14:50 |
| | | | | BENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | BROMOBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | BROMOCHLOROMETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | BROMODICHLOROMETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | BROMOFORM | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | BROMOMETHANE | .011 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMHN6S | 14:50 |
| | | | | CARBON DISULFIDE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | CARBON TETRACHLORIDE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | CHLOROBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | CHLORODIBROMOMETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | CHLOROETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN6S | 14:50 |
| | | | | CHLOROFORM | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | CHLOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | CIS-1,2-DICHLOROETHENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | DIBROMOMETHANE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0002 | SW8260 | SW5030 | N 0 1 | DICHLORODIFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN6S | 14:50 |
| | | | | ETHYLBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | HEXACHLOROBUTADIENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | ISOPROPYLBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | M-XYLENE & P-XYLENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | METHYLENE CHLORIDE | .0027 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMHN6S | 14:50 |
| | | | | N-BUTYLBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | N-PROPYLBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | NAPHTHALENE | .0056 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | | | CMHN6S | 14:50 |
| | | | | O-XYLENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | P-ISOPROPYLTOLUENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | SEC-BUTYLBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | STYRENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | TERT-BUTYLBENZENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | TETRACHLOROETHENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | TOLUENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | TRICHLOROETHENE | .0056 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | TRICHLOROFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| | | | | VINYL CHLORIDE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMHN6S | 14:50 |
| EM0003 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 1,1,1-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 1,1,2-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 1,1-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 1,1-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 1,1-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .029 | mg/kg | | Y | Y | P | J | | 10A | | | | CMHN7S | 15:15 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 1,2-DIBROMOETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 1,2-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 1,2-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 1,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0068 | mg/kg | | Y | Y | P | J | | 10A | | | | CMHN7S | 15:15 |
| | | | | 1,3-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 1,3-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0003 | SW8260 | SW5030 | N 0 1 | 1,4-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 2,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 2-BUTANONE | .0086 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 15:15 |
| | | | | 2-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | 4-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | ACETONE | .17 | mg/kg | | Y | Y | P | J | | 04A | 05A | | | CMHN7S | 15:15 |
| | | | | BENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | BROMOBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | BROMOCHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | BROMODICHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | BROMOFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMHN7S | 15:15 |
| | | | | CARBON DISULFIDE | .015 | mg/kg | | Y | Y | P | | | | | | | CMHN7S | 15:15 |
| | | | | CARBON TETRACHLORIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | CHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | CHLORODIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN7S | 15:15 |
| | | | | CHLOROFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | CIS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | DIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN7S | 15:15 |
| | | | | ETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | HEXACHLOROBUTADIENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | ISOPROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | M-XYLENE & P-XYLENE | .0045 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 15:15 |
| | | | | METHYLENE CHLORIDE | .0033 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMHN7S | 15:15 |
| | | | | N-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | N-PROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | NAPHTHALENE | .027 | mg/kg | | Y | Y | P | J | | 04B | 05B | 15 | 10A | CMHN7S | 15:15 |
| | | | | O-XYLENE | .0025 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMHN7S | 15:15 |
| | | | | P-ISOPROPYLTOLUENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | SEC-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | STYRENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | TERT-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMHN7S | 15:15 |
| | | | | TETRACHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | TOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0003 | SW8260 | SW5030 | N 0 1 | TRANS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | TRICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMHN7S | 15:15 |
| EM0004 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,1,1-TRICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,1,2-TRICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,1-DICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,1-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,1-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,2-DIBROMOETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,2-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,2-DICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,2-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,3-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,3-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 1,4-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 2,2-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 2-BUTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 2-CHLOROTOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 4-CHLOROTOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | ACETONE | .015 | mg/kg | J | Y | Y | F | B | | 04A | 05A | 06C | 15 | CMHN8S | 15:40 |
| | | | | BENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | BROMOBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | BROMOCHLOROMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | BROMODICHLOROMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | BROMOFORM | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | BROMOMETHANE | .011 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMHN8S | 15:40 |
| | | | | CARBON DISULFIDE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | CARBON TETRACHLORIDE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0004 | SW8260 | SW5030 | N 0 1 | CHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | CHLORODIBROMOMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | CHLOROETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN8S | 15:40 |
| | | | | CHLOROFORM | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | CHLOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | CIS-1,2-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | DIBROMOMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | DICHLORODIFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMHN8S | 15:40 |
| | | | | ETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | HEXACHLOROBUTADIENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | ISOPROPYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | M-XYLENE & P-XYLENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | METHYLENE CHLORIDE | .0031 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMHN8S | 15:40 |
| | | | | N-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | N-PROPYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | NAPHTHALENE | .0057 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | | | CMHN8S | 15:40 |
| | | | | O-XYLENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | P-ISOPROPYLTOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | SEC-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | STYRENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | TERT-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | TETRACHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | TOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | TRICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | TRICHLOROFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| | | | | VINYL CHLORIDE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMHN8S | 15:40 |
| EM0005 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,1,1-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | 1,1,2-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,1-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,1-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,1-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | [illegible]K4S | 21:43 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | [illegible]4S | 21:43 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0005 | SW8260 | SW5030 | N 0 1 | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | | UJ | | 05B | 10A | | | CMMK4S | 21:43 |
| | | | | 1,2-DIBROMOETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,2-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | 1,2-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | 1,3-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | 1,3-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 1,4-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | 2,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 2-BUTANONE | .024 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 2-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | 2-HEXANONE | .024 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | 4-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | 4-METHYL-2-PENTANONE | .024 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | ACETONE | .019 | mg/kg | J B | Y | Y | | B | | 04A | 05A | 06A | 06C | CMMK4S | 21:43 |
| | | | | BENZENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | BROMOBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | BROMOCHLOROMETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | BROMODICHLOROMETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | BROMOFORM | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | | R | | 04A | 05B | | | CMMK4S | 21:43 |
| | | | | CARBON DISULFIDE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | CARBON TETRACHLORIDE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | CHLOROBENZENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | CHLORODIBROMOMETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | | UJ | | 05B | | | | CMMK4S | 21:43 |
| | | | | CHLOROFORM | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | CIS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | DIBROMOMETHANE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | ETHYLBENZENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | HEXACHLOROBUTADIENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | ISOPROPYLBENZENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | M-XYLENE & P-XYLENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | METHYLENE CHLORIDE | .0096 | mg/kg | B | Y | Y | | B | | 06A | | | | CMMK4S | 21:43 |
| | | | | N-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | N-PROPYLBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0005 | SW8260 | SW5030 | N 0 1 | NAPHTHALENE | .0059 | mg/kg | U | N | Y | | UJ | | 04B | 05B | 10A | | CMMK4S | 21:43 |
| | | | | O-XYLENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | P-ISOPROPYLTOLUENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | SEC-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | STYRENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | TERT-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | | UJ | | 10A | | | | CMMK4S | 21:43 |
| | | | | TETRACHLOROETHENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | TOLUENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | TRICHLOROETHENE | .0059 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | | U | | | | | | CMMK4S | 21:43 |
| EM0007 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,1,1-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,1,2-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,1-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,1-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,1-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKCS | 20:28 |
| | | | | 1,2-DIBROMOETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,2-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,2-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,3-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,3-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 1,4-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 2,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 2-BUTANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 2-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 2-HEXANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 4-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | 4-METHYL-2-PENTANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | ACETONE | .017 | mg/kg | J B | Y | Y | F | B | | 04A | 05A | 06A | 06C | CMMKCS | 20:28 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0007 | SW8260 | SW5030 | N 0 1 | BENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | BROMOBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | BROMOCHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | BROMODICHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | BROMOFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMMKCS | 20:28 |
| | | | | CARBON DISULFIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | CARBON TETRACHLORIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | CHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | CHLORODIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKCS | 20:28 |
| | | | | CHLOROFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | CIS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | DIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | ETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | HEXACHLOROBUTADIENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | ISOPROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | M-XYLENE & P-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | METHYLENE CHLORIDE | .0096 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMMKCS | 20:28 |
| | | | | N-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | N-PROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | NAPHTHALENE | .0059 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | | | CMMKCS | 20:28 |
| | | | | O-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | P-ISOPROPYLTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | SEC-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | STYRENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | TERT-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | TETRACHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | TOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | TRICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMKCS | 20:28 |
| EM0008 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,1,1-TRICHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0008 | SW8260 | SW5030 | N 0 1 | 1,1,2-TRICHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,1-DICHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,1-DICHLOROETHENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,1-DICHLOROPROPENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | 10A | | | CMMKES | 20:53 |
| | | | | 1,2-DIBROMOETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,2-DICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 1,2-DICHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,2-DICHLOROPROPANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 1,3-DICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 1,3-DICHLOROPROPANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 1,4-DICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 2,2-DICHLOROPROPANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 2-BUTANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 2-CHLOROTOLUENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 2-HEXANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | 4-CHLOROTOLUENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | 4-METHYL-2-PENTANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | ACETONE | .022 | mg/kg | J B | Y | Y | F | B | | 04A | 05A | 06A | 06C | CMMKES | 20:53 |
| | | | | BENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | BROMOBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | BROMOCHLOROMETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | BROMODICHLOROMETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | BROMOFORM | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMMKES | 20:53 |
| | | | | CARBON DISULFIDE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | CARBON TETRACHLORIDE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | CHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | CHLORODIBROMOMETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKES | 20:53 |
| | | | | CHLOROFORM | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | CIS-1,2-DICHLOROETHENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | DIBROMOMETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0008 | SW8260 | SW5030 | N 0 1 | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | ETHYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | HEXACHLOROBUTADIENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | ISOPROPYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | M-XYLENE & P-XYLENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | METHYLENE CHLORIDE | .0086 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMMKES | 20:53 |
| | | | | N-BUTYLBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | N-PROPYLBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | NAPHTHALENE | .0061 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | 10A | | CMMKES | 20:53 |
| | | | | O-XYLENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | P-ISOPROPYLTOLUENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | SEC-BUTYLBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | STYRENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | TERT-BUTYLBENZENE | .0061 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKES | 20:53 |
| | | | | TETRACHLOROETHENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | TOLUENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | TRICHLOROETHENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMKES | 20:53 |
| EM0011 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 1,1,1-TRICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 1,1,2-TRICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 1,1-DICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 1,1-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 1,1-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | 10A | | | CMMKJS | 21:18 |
| | | | | 1,2-DIBROMOETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 1,2-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 1,2-DICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 1,2-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 1,3-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 1,3-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0011 | SW8260 | SW5030 | N 0 1 | 1,4-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 2,2-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 2-BUTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 2-CHLOROTOLUENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | 4-CHLOROTOLUENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | ACETONE | .014 | mg/kg | J B | Y | Y | F | B | | 04A | 05A | 06A | 06C | CMMKJS | 21:18 |
| | | | | BENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | BROMOBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | BROMOCHLOROMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | BROMODICHLOROMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | BROMOFORM | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | BROMOMETHANE | .011 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMMKJS | 21:18 |
| | | | | CARBON DISULFIDE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | CARBON TETRACHLORIDE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | CHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | CHLORODIBROMOMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | CHLOROETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKJS | 21:18 |
| | | | | CHLOROFORM | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | CHLOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | CIS-1,2-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | DIBROMOMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | DICHLORODIFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | ETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | HEXACHLOROBUTADIENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | ISOPROPYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | M-XYLENE & P-XYLENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | METHYLENE CHLORIDE | .0085 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMMKJS | 21:18 |
| | | | | N-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | N-PROPYLBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | NAPHTHALENE | .0057 | mg/kg | U | N | Y | U | UJ | | 05B | 10A | | | CMMKJS | 21:18 |
| | | | | O-XYLENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | P-ISOPROPYLTOLUENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | SEC-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | STYRENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | TERT-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMKJS | 21:18 |
| | | | | TETRACHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | TOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0011 | SW8260 | SW5030 | N 0 1 | TRANS-1,2-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | TRICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | TRICHLOROFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| | | | | VINYL CHLORIDE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMMKJS | 21:18 |
| EM0012 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,1,1-TRICHLOROETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0044 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMKXS | 11:47 |
| | | | | 1,1,2-TRICHLOROETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,1-DICHLOROETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,1-DICHLOROETHENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,1-DICHLOROPROPENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .043 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 11:47 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKXS | 11:47 |
| | | | | 1,2-DIBROMOETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,2-DICHLOROBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,2-DICHLOROETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,2-DICHLOROPROPANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .011 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 11:47 |
| | | | | 1,3-DICHLOROBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,3-DICHLOROPROPANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 1,4-DICHLOROBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 2,2-DICHLOROPROPANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 2-BUTANONE | .0065 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMKXS | 11:47 |
| | | | | 2-CHLOROTOLUENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 2-HEXANONE | .022 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 4-CHLOROTOLUENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | 4-METHYL-2-PENTANONE | .022 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | ACETONE | .16 | mg/kg | | Y | Y | P | J | | 04A | 05A | | | CMMKXS | 11:47 |
| | | | | BENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | BROMOBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | BROMOCHLOROMETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | BROMODICHLOROMETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | BROMOFORM | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | BROMOMETHANE | .011 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMMKXS | 11:47 |
| | | | | CARBON DISULFIDE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | CARBON TETRACHLORIDE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0012 | SW8260 | SW5030 | N 0 1 | CHLOROBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | CHLORODIBROMOMETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | CHLOROETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKXS | 11:47 |
| | | | | CHLOROFORM | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | CHLOROMETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKXS | 11:47 |
| | | | | CIS-1,2-DICHLOROETHENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | DIBROMOMETHANE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | DICHLORODIFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMKXS | 11:47 |
| | | | | ETHYLBENZENE | .012 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 11:47 |
| | | | | HEXACHLOROBUTADIENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | ISOPROPYLBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | M-XYLENE & P-XYLENE | .063 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 11:47 |
| | | | | METHYLENE CHLORIDE | .0082 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMMKXS | 11:47 |
| | | | | N-BUTYLBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | N-PROPYLBENZENE | .0044 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMKXS | 11:47 |
| | | | | NAPHTHALENE | .0055 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | | | CMMKXS | 11:47 |
| | | | | O-XYLENE | .023 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 11:47 |
| | | | | P-ISOPROPYLTOLUENE | .031 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 11:47 |
| | | | | SEC-BUTYLBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | STYRENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | TERT-BUTYLBENZENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | TETRACHLOROETHENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | TOLUENE | .021 | mg/kg | | Y | Y | P | | | | | | | CMMKXS | 11:47 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0055 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | TRICHLOROETHENE | .0019 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMKXS | 11:47 |
| | | | | TRICHLOROFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| | | | | VINYL CHLORIDE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMMKXS | 11:47 |
| EM0015 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,1,1-TRICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,1,2-TRICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,1-DICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,1-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,1-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,2,4-TRICHLOROBENZENE | 0057 | mg/kg | U | N | Y | U | U | | | | | | C[illegible]3S | 13:28 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | C[illegible]3S | 13:28 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0015 | SW8260 | SW5030 | N 0 1 | 1,2-DIBROMO-3-CHLOROPROPANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMML3S | 13:28 |
| | | | | 1,2-DIBROMOETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,2-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,2-DICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,2-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,3-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,3-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 1,4-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 2,2-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 2-BUTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 2-CHLOROTOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 4-CHLOROTOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | ACETONE | .038 | mg/kg | | Y | Y | F | B | | 04A | 05A | 06C | | CMML3S | 13:28 |
| | | | | BENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | BROMOBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | BROMOCHLOROMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | BROMODICHLOROMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | BROMOFORM | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | BROMOMETHANE | .011 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMML3S | 13:28 |
| | | | | CARBON DISULFIDE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | CARBON TETRACHLORIDE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | CHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | CHLORODIBROMOMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | CHLOROETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMML3S | 13:28 |
| | | | | CHLOROFORM | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | CHLOROMETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMML3S | 13:28 |
| | | | | CIS-1,2-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | DIBROMOMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | DICHLORODIFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMML3S | 13:28 |
| | | | | ETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | HEXACHLOROBUTADIENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | ISOPROPYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | M-XYLENE & P-XYLENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | METHYLENE CHLORIDE | .011 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMML3S | 13:28 |
| | | | | N-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | N-PROPYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0015 | SW8260 | SW5030 | N 0 1 | NAPHTHALENE | .0057 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | | | CMML3S | 13:28 |
| | | | | O-XYLENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | P-ISOPROPYLTOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | SEC-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | STYRENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | TERT-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | TETRACHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | TOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | TRICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | TRICHLOROFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| | | | | VINYL CHLORIDE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMML3S | 13:28 |
| EM0016 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,1,1-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,1,2-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,1-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,1-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,1-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMML7S | 13:54 |
| | | | | 1,2-DIBROMOETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,2-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,2-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,3-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,3-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 1,4-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 2,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 2-BUTANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 2-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 2-HEXANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 4-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | 4-METHYL-2-PENTANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | C[illegible]7S | 13:54 |
| | | | | ACETONE | .024 | mg/kg | | Y | Y | F | B | | 04A | 05A | 06C | | [illegible]7S | 13:54 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0016 | SW8260 | SW5030 | N 0 1 | BENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | BROMOBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | BROMOCHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | BROMODICHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | BROMOFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMML7S | 13:54 |
| | | | | CARBON DISULFIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | CARBON TETRACHLORIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | CHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | CHLORODIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMML7S | 13:54 |
| | | | | CHLOROFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMML7S | 13:54 |
| | | | | CIS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | DIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMML7S | 13:54 |
| | | | | ETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | HEXACHLOROBUTADIENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | ISOPROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | M-XYLENE & P-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | METHYLENE CHLORIDE | .0078 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMML7S | 13:54 |
| | | | | N-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | N-PROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | NAPHTHALENE | .0059 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | | | CMML7S | 13:54 |
| | | | | O-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | P-ISOPROPYLTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | SEC-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | STYRENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | TERT-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | TETRACHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | TOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | TRICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMML7S | 13:54 |
| EM0017 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,1,1-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0017 | SW8260 | SW5030 | N 0 1 | 1,1,2-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,1-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,1-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,1-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .012 | mg/kg | | Y | Y | P | J | | 10A | | | | CMMLAS | 12:12 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | 10A | | | CMMLAS | 12:12 |
| | | | | 1,2-DIBROMOETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,2-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | 1,2-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | 1,3-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | 1,3-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 1,4-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | 2,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 2-BUTANONE | .022 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMMLAS | 12:12 |
| | | | | 2-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | 4-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | ACETONE | .2 | mg/kg | | Y | Y | P | J | | 04A | 05A | | | CMMLAS | 12:12 |
| | | | | BENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | BROMOBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | BROMOCHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | BROMODICHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | BROMOFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMMLAS | 12:12 |
| | | | | CARBON DISULFIDE | .012 | mg/kg | | Y | Y | P | | | | | | | CMMLAS | 12:12 |
| | | | | CARBON TETRACHLORIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | CHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | CHLORODIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLAS | 12:12 |
| | | | | CHLOROFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLAS | 12:12 |
| | | | | CIS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | DIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0017 | SW8260 | SW5030 | N 0 1 | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLAS | 12:12 |
| | | | | ETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | HEXACHLOROBUTADIENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | ISOPROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | M-XYLENE & P-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | METHYLENE CHLORIDE | .0097 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMMLAS | 12:12 |
| | | | | N-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | N-PROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | NAPHTHALENE | .043 | mg/kg | | Y | Y | P | J | | 04B | 05B | 10A | | CMMLAS | 12:12 |
| | | | | O-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | P-ISOPROPYLTOLUENE | .0035 | mg/kg | J | Y | Y | P | J | | 10A | | | | CMMLAS | 12:12 |
| | | | | SEC-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | STYRENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | TERT-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CMMLAS | 12:12 |
| | | | | TETRACHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | TOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | TRICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMLAS | 12:12 |
| EM0018 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,1,1-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,1,2-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,1-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,1-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,1-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLCS | 11:22 |
| | | | | 1,2-DIBROMOETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,2-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,2-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,3-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 1,3-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0018 | SW8260 | SW5030 | N 0 1 | 1,4-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 2,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 2-BUTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 2-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 4-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | ACETONE | .012 | mg/kg | J | Y | Y | F | B | | 04A | 05A | 06C | 15 | CMMLCS | 11:22 |
| | | | | BENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | BROMOBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | BROMOCHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | BROMODICHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | BROMOFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMMLCS | 11:22 |
| | | | | CARBON DISULFIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | CARBON TETRACHLORIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | CHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | CHLORODIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLCS | 11:22 |
| | | | | CHLOROFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLCS | 11:22 |
| | | | | CIS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | DIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLCS | 11:22 |
| | | | | ETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | HEXACHLOROBUTADIENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | ISOPROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | M-XYLENE & P-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | METHYLENE CHLORIDE | .0065 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMMLCS | 11:22 |
| | | | | N-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | N-PROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | NAPHTHALENE | .0059 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | | | CMMLCS | 11:22 |
| | | | | O-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | P-ISOPROPYLTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | SEC-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | STYRENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | TERT-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | TETRACHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | TOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0018 | SW8260 | SW5030 | N 0 1 | TRANS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | TRICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMLCS | 11:22 |
| EM0019 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,1,1-TRICHLOROETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,1,2-TRICHLOROETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,1-DICHLOROETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,1-DICHLOROETHENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,1-DICHLOROPROPENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLDS | 12:38 |
| | | | | 1,2-DIBROMOETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,2-DICHLOROBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,2-DICHLOROETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,2-DICHLOROPROPANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,3-DICHLOROBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,3-DICHLOROPROPANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 1,4-DICHLOROBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 2,2-DICHLOROPROPANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 2-BUTANONE | .022 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 2-CHLOROTOLUENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 2-HEXANONE | .022 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 4-CHLOROTOLUENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | 4-METHYL-2-PENTANONE | .022 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | ACETONE | .27 | mg/kg | | Y | Y | P | J | | 04A | 05A | | | CMMLDS | 12:38 |
| | | | | BENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | BROMOBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | BROMOCHLOROMETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | BROMODICHLOROMETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | BROMOFORM | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | BROMOMETHANE | .011 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMMLDS | 12:38 |
| | | | | CARBON DISULFIDE | .012 | mg/kg | | Y | Y | P | | | | | | | CMMLDS | 12:38 |
| | | | | CARBON TETRACHLORIDE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0019 | SW8260 | SW5030 | N 0 1 | CHLOROBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | CHLORODIBROMOMETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | CHLOROETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLDS | 12:38 |
| | | | | CHLOROFORM | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | CHLOROMETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLDS | 12:38 |
| | | | | CIS-1,2-DICHLOROETHENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | DIBROMOMETHANE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | DICHLORODIFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLDS | 12:38 |
| | | | | ETHYLBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | HEXACHLOROBUTADIENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | ISOPROPYLBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | M-XYLENE & P-XYLENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | METHYLENE CHLORIDE | .0054 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMMLDS | 12:38 |
| | | | | N-BUTYLBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | N-PROPYLBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | NAPHTHALENE | .0024 | mg/kg | J | Y | Y | P | J | | 04B | 05B | 15 | | CMMLDS | 12:38 |
| | | | | O-XYLENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | P-ISOPROPYLTOLUENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | SEC-BUTYLBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | STYRENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | TERT-BUTYLBENZENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | TETRACHLOROETHENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | TOLUENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | TRICHLOROETHENE | .0054 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | TRICHLOROFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| | | | | VINYL CHLORIDE | .011 | mg/kg | U | N | Y | U | U | | | | | | CMMLDS | 12:38 |
| EM0020 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,1,1-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,1,2-TRICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,1-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,1-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,1-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0020 | SW8260 | SW5030 | N 0 1 | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLES | 13:03 |
| | | | | 1,2-DIBROMOETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,2-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,2-DICHLOROETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,3-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,3-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 1,4-DICHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 2,2-DICHLOROPROPANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 2-BUTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 2-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 4-CHLOROTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | ACETONE | .027 | mg/kg | | Y | Y | F | B | | 04A | 05A | 06C | | CMMLES | 13:03 |
| | | | | BENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | BROMOBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | BROMOCHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | BROMODICHLOROMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | BROMOFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 05B | | | CMMLES | 13:03 |
| | | | | CARBON DISULFIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | CARBON TETRACHLORIDE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | CHLOROBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | CHLORODIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLES | 13:03 |
| | | | | CHLOROFORM | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLES | 13:03 |
| | | | | CIS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | DIBROMOMETHANE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMMLES | 13:03 |
| | | | | ETHYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | HEXACHLOROBUTADIENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | ISOPROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | M-XYLENE & P-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | METHYLENE CHLORIDE | .0073 | mg/kg | B | Y | Y | F | B | | 06A | | | | CMMLES | 13:03 |
| | | | | N-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | N-PROPYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59401** | | | | | | | | | | | | | | | | | | |
| EM0020 | SW8260 | SW5030 | N 0 1 | NAPHTHALENE | .0059 | mg/kg | U | N | Y | U | UJ | | 04B | 05B | | | CMMLES | 13:03 |
| | | | | O-XYLENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | P-ISOPROPYLTOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | SEC-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | STYRENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | TERT-BUTYLBENZENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | TETRACHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | TOLUENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | TRICHLOROETHENE | .0059 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMMLES | 13:03 |
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0009 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 12000 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | ANTIMONY | 7.7 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 16:31 |
| | | | | ARSENIC | 10.4 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 19:15 |
| | | | | BARIUM | 67.3 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | BERYLLIUM | 0.65 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 16:31 |
| | | | | CADMIUM | 0.65 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 16:31 |
| | | | | CALCIUM | 1630 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | CHROMIUM | 31.8 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | COBALT | 26.6 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | COPPER | 41.2 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | IRON | 39900 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | LEAD | 16.6 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 19:15 |
| | | | | MAGNESIUM | 645 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 16:31 |
| | | | | MANGANESE | 138 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | NICKEL | 8.3 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | POTASSIUM | 645 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 16:31 |
| | | | | SELENIUM | 2.8 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 19:15 |
| | | | | SILVER | 1.3 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 16:31 |
| | | | | SODIUM | 645 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 16:31 |
| | | | | THALLIUM | 1.3 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 19:15 |
| | | | | VANADIUM | 25.7 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | | | | ZINC | 40.1 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 16:31 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.13 | mg/kg | | Y | Y | P | | | | | | | CMVFWS | 10:43 |
| EM0010 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 6600 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | ANTIMONY | 7.3 | mg/kg | U | N | Y | U | U | | | | | | C XS | 16:36 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0010 | SW6010 | SW3050 | N 0 1 | ARSENIC | 10.6 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 19:21 |
| | | | | BARIUM | 66.2 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | BERYLLIUM | 1.6 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | CADMIUM | 0.61 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 16:36 |
| | | | | CALCIUM | 3660 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | CHROMIUM | 11.2 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | COBALT | 13.6 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | COPPER | 16.9 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | IRON | 25100 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | LEAD | 17.0 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 19:21 |
| | | | | MAGNESIUM | 606 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 16:36 |
| | | | | MANGANESE | 612 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | NICKEL | 13.7 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | | | | POTASSIUM | 606 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 16:36 |
| | | | | SELENIUM | 0.61 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 19:21 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 16:36 |
| | | | | SODIUM | 606 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 16:36 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 19:21 |
| | | | | VANADIUM | 6.1 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 16:36 |
| | | | | ZINC | 35.9 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 16:36 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.13 | mg/kg | | Y | Y | P | | | | | | | CMVFXS | 10:46 |
| EM0013 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 10800 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | ANTIMONY | 6.9 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 16:41 |
| | | | | ARSENIC | 5.6 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 19:27 |
| | | | | BARIUM | 50.9 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | BERYLLIUM | 0.58 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 16:41 |
| | | | | CADMIUM | 0.58 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 16:41 |
| | | | | CALCIUM | 603 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | CHROMIUM | 22.2 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | COBALT | 8.6 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | COPPER | 23.5 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | IRON | 35000 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | LEAD | 13.6 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 19:27 |
| | | | | MAGNESIUM | 601 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | MANGANESE | 88.8 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | NICKEL | 8.4 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | POTASSIUM | 621 | mg/kg | | Y | Y | F | B | | 06B | | | | CMVG0S | 16:41 |
| | | | | SELENIUM | 1.7 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 19:27 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 16:41 |
| | | | | SODIUM | 577 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 16:41 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0013 | SW6010 | SW3050 | N 0 1 | THALLIUM | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 19:27 |
| | | | | VANADIUM | 6.9 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 16:41 |
| | | | | ZINC | 29.5 | mg/kg | | Y | Y | F | B | | 06C | | | | CMVG0S | 16:41 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.089 | mg/kg | | Y | Y | P | | | | | | | CMVG0S | 10:48 |
| EM0014 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 10900 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | ANTIMONY | 6.9 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:46 |
| | | | | ARSENIC | 13.1 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 19:32 |
| | | | | BARIUM | 23.1 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | BERYLLIUM | 0.58 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:46 |
| | | | | CADMIUM | 0.58 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:46 |
| | | | | CALCIUM | 603 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | CHROMIUM | 33.5 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | COBALT | 7.2 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | COPPER | 18.9 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | IRON | 46600 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | LEAD | 11.7 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 19:32 |
| | | | | MAGNESIUM | 578 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:46 |
| | | | | MANGANESE | 184 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | NICKEL | 4.9 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | POTASSIUM | 578 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:46 |
| | | | | SELENIUM | 1.8 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 19:32 |
| | | | | SILVER | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:46 |
| | | | | SODIUM | 578 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:46 |
| | | | | THALLIUM | 1.2 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 19:32 |
| | | | | VANADIUM | 25.0 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 16:46 |
| | | | | ZINC | 23.2 | mg/kg | | Y | Y | F | B | | 06C | | | | CMVG2S | 16:46 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.11 | mg/kg | | Y | Y | P | | | | | | | CMVG2S | 10:50 |
| EM0009 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .043 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 00:00 |
| | | | | AROCLOR 1221 | .043 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 00:00 |
| | | | | AROCLOR 1232 | .043 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 00:00 |
| | | | | AROCLOR 1242 | .043 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 00:00 |
| | | | | AROCLOR 1248 | .043 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 00:00 |
| | | | | AROCLOR 1254 | .043 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 00:00 |
| | | | | AROCLOR 1260 | .043 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 00:00 |
| EM0010 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 00:00 |
| | | | | AROCLOR 1221 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 00:00 |
| | | | | AROCLOR 1232 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 00:00 |
| | | | | AROCLOR 1242 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 00:00 |
| | | | | AROCLOR 1248 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 00:00 |
| | | | | AROCLOR 1254 | .04 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 00:00 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | |
| EM0010 | SW8082 | SW3550 | N 0 1 | AROCLOR 1260 | .04 | mg/kg | U | N Y U | U | | | | | | CMVFXS | 00:00 |
| EM0013 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG0S | 00:00 |
| | | | | AROCLOR 1221 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG0S | 00:00 |
| | | | | AROCLOR 1232 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG0S | 00:00 |
| | | | | AROCLOR 1242 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG0S | 00:00 |
| | | | | AROCLOR 1248 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG0S | 00:00 |
| | | | | AROCLOR 1254 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG0S | 00:00 |
| | | | | AROCLOR 1260 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG0S | 00:00 |
| EM0014 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG2S | 00:00 |
| | | | | AROCLOR 1221 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG2S | 00:00 |
| | | | | AROCLOR 1232 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG2S | 00:00 |
| | | | | AROCLOR 1242 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG2S | 00:00 |
| | | | | AROCLOR 1248 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG2S | 00:00 |
| | | | | AROCLOR 1254 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG2S | 00:00 |
| | | | | AROCLOR 1260 | .038 | mg/kg | U | N Y U | U | | | | | | CMVG2S | 00:00 |
| EM0009 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 1,2-DICHLOROBENZENE | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 1,3-DICHLOROBENZENE | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 1,4-DICHLOROBENZENE | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2,4,5-TRICHLOROPHENOL | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2,4,6-TRICHLOROPHENOL | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2,4-DICHLOROPHENOL | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2,4-DIMETHYLPHENOL | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2,4-DINITROPHENOL | 2.1 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2,4-DINITROTOLUENE | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2,6-DINITROTOLUENE | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2-CHLORONAPHTHALENE | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2-CHLOROPHENOL | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2-METHYLNAPHTHALENE | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2-METHYLPHENOL | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2-NITROANILINE | 2.1 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 2-NITROPHENOL | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 3,3'-DICHLOROBENZIDINE | 2.1 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 3-NITROANILINE | 2.1 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 2.1 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 4-CHLOROANILINE | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .43 | mg/kg | U | N Y U | U | | | | | | CMVFWS | 02:09 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0009 | SW8270 | SW3550 | N 0 1 | 4-METHYLPHENOL | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | 4-NITROANILINE | 2.1 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | 4-NITROPHENOL | 2.1 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | ACENAPHTHENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | ACENAPHTHYLENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | ANTHRACENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | BENZ(A)ANTHRACENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | BENZO(A)PYRENE | .035 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMVFWS | 02:09 |
| | | | | BENZO(B)FLUORANTHENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | BENZO(GHI)PERYLENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | BENZO(K)FLUORANTHENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .12 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMVFWS | 02:09 |
| | | | | BUTYL BENZYL PHTHALATE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | CARBAZOLE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | CHRYSENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | DI-N-BUTYL PHTHALATE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | DI-N-OCTYL PHTHALATE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | DIBENZ(A,H)ANTHRACENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | DIBENZOFURAN | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | DIETHYL PHTHALATE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | DIMETHYL PHTHALATE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | FLUORANTHENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | FLUORENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | HEXACHLOROBENZENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | HEXACHLOROBUTADIENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 2.1 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMVFWS | 02:09 |
| | | | | HEXACHLOROETHANE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | INDENO(1,2,3-CD)PYRENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | ISOPHORONE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | N-NITROSODIPHENYLAMINE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | NAPHTHALENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | NITROBENZENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | PENTACHLOROPHENOL | 2.1 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | PHENANTHRENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | PHENOL | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| | | | | PYRENE | .43 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:09 |
| EM0010 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 02:50 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0010 | SW8270 | SW3550 | N 0 1 | 1,2-DICHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 1,3-DICHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 1,4-DICHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2,4,5-TRICHLOROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2,4,6-TRICHLOROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2,4-DICHLOROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2,4-DIMETHYLPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2,4-DINITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2,4-DINITROTOLUENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2,6-DINITROTOLUENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2-CHLORONAPHTHALENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2-CHLOROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2-METHYLNAPHTHALENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2-METHYLPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 2-NITROPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 3-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 4-CHLOROANILINE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 4-METHYLPHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 4-NITROANILINE | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | 4-NITROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | ACENAPHTHENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | ACENAPHTHYLENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | ANTHRACENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | BENZ(A)ANTHRACENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | BENZO(A)PYRENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | BENZO(B)FLUORANTHENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | BENZO(GHI)PERYLENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | BENZO(K)FLUORANTHENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .049 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMVFXS | 02:50 |
| | | | | BUTYL BENZYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | CARBAZOLE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0010 | SW8270 | SW3550 | N 0 1 | CHRYSENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | DI-N-BUTYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | DI-N-OCTYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | DIBENZ(A,H)ANTHRACENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | DIBENZOFURAN | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | DIETHYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | DIMETHYL PHTHALATE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | FLUORANTHENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | FLUORENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | HEXACHLOROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | HEXACHLOROBUTADIENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.9 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMVFXS | 02:50 |
| | | | | HEXACHLOROETHANE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | INDENO(1,2,3-CD)PYRENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | ISOPHORONE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | N-NITROSODIPHENYLAMINE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | NAPHTHALENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | NITROBENZENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | PENTACHLOROPHENOL | 1.9 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | PHENANTHRENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | PHENOL | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| | | | | PYRENE | .4 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 02:50 |
| EM0013 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 1,2-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 1,3-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 1,4-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2,4,5-TRICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2,4,6-TRICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2,4-DICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2,4-DIMETHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2,4-DINITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2,4-DINITROTOLUENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2,6-DINITROTOLUENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2-CHLORONAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2-CHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2-METHYLNAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 2-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0013 | SW8270 | SW3550 | N 0 1 | 2-NITROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 3-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 4-CHLOROANILINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 4-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 4-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | 4-NITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | ACENAPHTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | ACENAPHTHYLENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | ANTHRACENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | BENZ(A)ANTHRACENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | BENZO(A)PYRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | BENZO(B)FLUORANTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | BENZO(GHI)PERYLENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | BENZO(K)FLUORANTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | BUTYL BENZYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | CARBAZOLE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | CHRYSENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | DI-N-BUTYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | DI-N-OCTYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | DIBENZ(A,H)ANTHRACENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | DIBENZOFURAN | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | DIETHYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | DIMETHYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | FLUORANTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | FLUORENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | HEXACHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | HEXACHLOROBUTADIENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMVG0S | 03:30 |
| | | | | HEXACHLOROETHANE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | INDENO(1,2,3-CD)PYRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | ISOPHORONE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0013 | SW8270 | SW3550 | N 0 1 | N-NITROSODIPHENYLAMINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | NAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | NITROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | PENTACHLOROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | PHENANTHRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | PHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| | | | | PYRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 03:30 |
| EM0014 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 1,2-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 1,3-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 1,4-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2,4,5-TRICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2,4,6-TRICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2,4-DICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2,4-DIMETHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2,4-DINITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2,4-DINITROTOLUENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2,6-DINITROTOLUENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2-CHLORONAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2-CHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2-METHYLNAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 2-NITROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 3-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 4-CHLOROANILINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 4-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 4-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | 4-NITROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | ACENAPHTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | ACENAPHTHYLENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | ANTHRACENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | BENZ(A)ANTHRACENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | BENZO(A)PYRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0014 | SW8270 | SW3550 | N 0 1 | BENZO(B)FLUORANTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | BENZO(GHI)PERYLENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | BENZO(K)FLUORANTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .081 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMVG2S | 04:10 |
| | | | | BUTYL BENZYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | CARBAZOLE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | CHRYSENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | DI-N-BUTYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | DI-N-OCTYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | DIBENZ(A,H)ANTHRACENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | DIBENZOFURAN | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | DIETHYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | DIMETHYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | FLUORANTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | FLUORENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | HEXACHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | HEXACHLOROBUTADIENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMVG2S | 04:10 |
| | | | | HEXACHLOROETHANE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | INDENO(1,2,3-CD)PYRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | ISOPHORONE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | N-NITROSODIPHENYLAMINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | NAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | NITROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | PENTACHLOROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | PHENANTHRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | PHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| | | | | PYRENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 04:10 |
| EM0009 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,1,1-TRICHLOROETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,1,2-TRICHLOROETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,1-DICHLOROETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,1-DICHLOROETHENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,1-DICHLOROPROPENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0009 | SW8260 | SW5030 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,2-DIBROMOETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,2-DICHLOROBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,2-DICHLOROETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,2-DICHLOROPROPANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,3-DICHLOROBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,3-DICHLOROPROPANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 1,4-DICHLOROBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 2,2-DICHLOROPROPANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 2-BUTANONE | .026 | mg/kg | U | N | Y | U | R | | 04A | 05A | | | CMVFWS | 15:01 |
| | | | | 2-CHLOROTOLUENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 2-HEXANONE | .026 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 4-CHLOROTOLUENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | 4-METHYL-2-PENTANONE | .026 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | ACETONE | .028 | mg/kg | | Y | Y | F | B | | 04A | 06C | 05A | | CMVFWS | 15:01 |
| | | | | BENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | BROMOBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | BROMOCHLOROMETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | BROMODICHLOROMETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | BROMOFORM | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | BROMOMETHANE | .0014 | mg/kg | J B | Y | Y | F | B | | 04 | 05 | 06A | 15 | CMVFWS | 15:01 |
| | | | | CARBON DISULFIDE | .0037 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMVFWS | 15:01 |
| | | | | CARBON TETRACHLORIDE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | CHLOROBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | CHLORODIBROMOMETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | CHLOROETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | CHLOROFORM | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | CHLOROMETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | CIS-1,2-DICHLOROETHENE | .0046 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMVFWS | 15:01 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | DIBROMOMETHANE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | DICHLORODIFLUOROMETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | ETHYLBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | HEXACHLOROBUTADIENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | ISOPROPYLBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | M-XYLENE & P-XYLENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | METHYLENE CHLORIDE | .0042 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CMVFWS | 15:01 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0009 | SW8260 | SW5030 | N 0 1 | N-BUTYLBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | N-PROPYLBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | NAPHTHALENE | .0065 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMVFWS | 15:01 |
| | | | | O-XYLENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | P-ISOPROPYLTOLUENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | SEC-BUTYLBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | STYRENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | TERT-BUTYLBENZENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | TETRACHLOROETHENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | TOLUENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | TRICHLOROETHENE | .0065 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | TRICHLOROFLUOROMETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| | | | | VINYL CHLORIDE | .013 | mg/kg | U | N | Y | U | U | | | | | | CMVFWS | 15:01 |
| EM0010 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,1,1-TRICHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,1,2-TRICHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,1-DICHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,1-DICHLOROETHENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,1-DICHLOROPROPENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,2-DIBROMOETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,2-DICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,2-DICHLOROETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,2-DICHLOROPROPANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,3-DICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,3-DICHLOROPROPANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 1,4-DICHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 2,2-DICHLOROPROPANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 2-BUTANONE | .024 | mg/kg | U | N | Y | U | R | | 04A | 05A | | | CMVFXS | 15:26 |
| | | | | 2-CHLOROTOLUENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 2-HEXANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | 4-CHLOROTOLUENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0010 | SW8260 | SW5030 | N 0 1 | 4-METHYL-2-PENTANONE | .024 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | ACETONE | .018 | mg/kg | J | Y | Y | F | B | | 04A | 05A | 06C | | CMVFXS | 15:26 |
| | | | | BENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | BROMOBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | BROMOCHLOROMETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | BROMODICHLOROMETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | BROMOFORM | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 04B | 05A | 05B | CMVFXS | 15:26 |
| | | | | CARBON DISULFIDE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | CARBON TETRACHLORIDE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | CHLOROBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | CHLORODIBROMOMETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | CHLOROFORM | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | CIS-1,2-DICHLOROETHENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | DIBROMOMETHANE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | ETHYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | HEXACHLOROBUTADIENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | ISOPROPYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | M-XYLENE & P-XYLENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | METHYLENE CHLORIDE | .0046 | mg/kg | J B | Y | Y | F | B | | 06A | | | | CMVFXS | 15:26 |
| | | | | N-BUTYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | N-PROPYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | NAPHTHALENE | .0061 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMVFXS | 15:26 |
| | | | | O-XYLENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | P-ISOPROPYLTOLUENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | SEC-BUTYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | STYRENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | TERT-BUTYLBENZENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | TETRACHLOROETHENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | TOLUENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0061 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | TRICHLOROETHENE | .0018 | mg/kg | J | Y | Y | P | J | | 15 | | | | CMVFXS | 15:26 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVFXS | 15:26 |
| EM0013 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | 0S | 15:51 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0013 | SW8260 | SW5030 | N 0 1 | 1,1,1-TRICHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,1,2-TRICHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,1-DICHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,1-DICHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,1-DICHLOROPROPENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,2-DIBROMOETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,2-DICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,2-DICHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,2-DICHLOROPROPANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,3-DICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,3-DICHLOROPROPANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 1,4-DICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 2,2-DICHLOROPROPANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 2-BUTANONE | .023 | mg/kg | U | N | Y | U | R | | 04A | 04B | 05B | | CMVG0S | 15:51 |
| | | | | 2-CHLOROTOLUENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 4-CHLOROTOLUENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | ACETONE | .06 | mg/kg | | Y | Y | P | J | | 04A | 05A | | | CMVG0S | 15:51 |
| | | | | BENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | BROMOBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | BROMOCHLOROMETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | BROMODICHLOROMETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | BROMOFORM | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 04B | 05A | 05B | CMVG0S | 15:51 |
| | | | | CARBON DISULFIDE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | CARBON TETRACHLORIDE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | CHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | CHLORODIBROMOMETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | CHLOROFORM | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | CIS-1,2-DICHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0013 | SW8260 | SW5030 | N 0 1 | CIS-1,3-DICHLOROPROPENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | DIBROMOMETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | ETHYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | HEXACHLOROBUTADIENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | ISOPROPYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | M-XYLENE & P-XYLENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | METHYLENE CHLORIDE | .0049 | mg/kg | J B | Y | Y | F | B | | 06A | | | | CMVG0S | 15:51 |
| | | | | N-BUTYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | N-PROPYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | NAPHTHALENE | .0058 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMVG0S | 15:51 |
| | | | | O-XYLENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | P-ISOPROPYLTOLUENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | SEC-BUTYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | STYRENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | TERT-BUTYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | TETRACHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | TOLUENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | TRICHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG0S | 15:51 |
| EM0014 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,1,1-TRICHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,1,2-TRICHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,1-DICHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,1-DICHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,1-DICHLOROPROPENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,2-DIBROMOETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,2-DICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,2-DICHLOROETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,2-DICHLOROPROPANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0014 | SW8260 | SW5030 | N 0 1 | 1,3-DICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,3-DICHLOROPROPANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 1,4-DICHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 2,2-DICHLOROPROPANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 2-BUTANONE | .023 | mg/kg | U | N | Y | U | R | | 04A | 05A | | | CMVG2S | 16:15 |
| | | | | 2-CHLOROTOLUENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 4-CHLOROTOLUENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | ACETONE | .061 | mg/kg | | Y | Y | P | J | | 04A | 05A | | | CMVG2S | 16:15 |
| | | | | BENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | BROMOBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | BROMOCHLOROMETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | BROMODICHLOROMETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | BROMOFORM | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | BROMOMETHANE | .012 | mg/kg | U | N | Y | U | R | | 04A | 04B | 05A | 05B | CMVG2S | 16:15 |
| | | | | CARBON DISULFIDE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | CARBON TETRACHLORIDE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | CHLOROBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | CHLORODIBROMOMETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | CHLOROETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | CHLOROFORM | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | CHLOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | CIS-1,2-DICHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | DIBROMOMETHANE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | DICHLORODIFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | ETHYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | HEXACHLOROBUTADIENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | ISOPROPYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | M-XYLENE & P-XYLENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | METHYLENE CHLORIDE | .0048 | mg/kg | J B | Y | Y | F | B | | 06A | | | | CMVG2S | 16:15 |
| | | | | N-BUTYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | N-PROPYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | NAPHTHALENE | .0058 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CMVG2S | 16:15 |
| | | | | O-XYLENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | P-ISOPROPYLTOLUENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | SEC-BUTYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | STYRENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | TERT-BUTYLBENZENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59402** | | | | | | | | | | | | | | | | | | |
| EM0014 | SW8260 | SW5030 | N 0 1 | TETRACHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | TOLUENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | TRICHLOROETHENE | .0058 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | TRICHLOROFLUOROMETHANE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| | | | | VINYL CHLORIDE | .012 | mg/kg | U | N | Y | U | U | | | | | | CMVG2S | 16:15 |
| **PK59403** | | | | | | | | | | | | | | | | | | |
| EM3002 | SW6010 | SW3005 | N 0 1 | CADMIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 22:54 |
| | | | | VANADIUM | .05 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 22:54 |
| | SW6010 | SW3005 | N 1 1 | ALUMINUM | .675 | mg/L | | Y | Y | P | | | | | | | CN03RW | 00:52 |
| | | | | ANTIMONY | .06 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | BARIUM | .2 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | BERYLLIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | CALCIUM | 112 | mg/L | | Y | Y | P | | | | | | | CN03RW | 00:52 |
| | | | | CHROMIUM | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | COBALT | .05 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | COPPER | .025 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | IRON | 1.02 | mg/L | | Y | Y | P | | | | | | | CN03RW | 00:52 |
| | | | | MAGNESIUM | 5.07 | mg/L | | Y | Y | P | | | | | | | CN03RW | 00:52 |
| | | | | MANGANESE | .0711 | mg/L | | Y | Y | P | | | | | | | CN03RW | 00:52 |
| | | | | NICKEL | .04 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | POTASSIUM | 5 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | SILVER | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | SODIUM | 5 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | | | | ZINC | .02 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 00:52 |
| | SW6010 | TOTREC | N 0 1 | ARSENIC | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 22:54 |
| | | | | LEAD | .003 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 22:54 |
| | | | | SELENIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 22:54 |
| | | | | THALLIUM | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 22:54 |
| | SW7470 | TOTAL | N 0 1 | MERCURY | .0002 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:47 |
| EM3002 | SW8082 | SW3520 | N 0 1 | AROCLOR 1016 | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 19:42 |
| | | | | AROCLOR 1221 | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 19:42 |
| | | | | AROCLOR 1232 | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 19:42 |
| | | | | AROCLOR 1242 | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 19:42 |
| | | | | AROCLOR 1248 | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 19:42 |
| | | | | AROCLOR 1254 | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 19:42 |
| | | | | AROCLOR 1260 | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CN03RW | 19:42 |
| EM3002 | SW8270 | SW3520 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59403** | | | | | | | | | | | | | | | | | | |
| EM3002 | SW8270 | SW3520 | N 0 1 | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N | Y | U | UJ | | 05B | | | | CN03RW | 15:58 |
| | | | | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N | Y | U | UJ | | 04B | | | | CN03RW | 15:58 |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N | Y | U | UJ | | 05B | | | | CN03RW | 15:58 |
| | | | | 2-NITROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 3-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | 4-METHYLPHENOL | .01 | mg/L | U | N | Y | U | UJ | | 05B | | | | CN03RW | 15:58 |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N | Y | U | UJ | | 05B | | | | CN03RW | 15:58 |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | BENZO(GHI)PERYLENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N | Y | U | UJ | | 05B | | | | CN03RW | 15:58 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .0013 | mg/L | J | Y | Y | P | J | | 15 | | | | CN03RW | 15:58 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | CARBAZOLE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59403** | | | | | | | | | | | | | | | | | | |
| EM3002 | SW8270 | SW3520 | N 0 1 | CHRYSENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | DI-N-BUTYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | DIETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | FLUORENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | HEXACHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | HEXACHLOROBUTADIENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | HEXACHLOROCYCLOPENTADIENE | .05 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | HEXACHLOROETHANE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | ISOPHORONE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N | Y | U | UJ | | 05B | | | | CN03RW | 15:58 |
| | | | | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | NITROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| | | | | PHENOL | .0038 | mg/L | J B | Y | Y | F | B | | 06A | 06C | 15 | | CN03RW | 15:58 |
| | | | | PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 15:58 |
| EM3002 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N | Y | U | R | | 04A | 05A | 05B | | CN03RW | 23:24 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59403** | | | | | | | | | | | | | | | | | | |
| EM3002 | SW8260 | SW5030 | N 0 1 | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 2-BUTANONE | .005 | mg/L | U | N | Y | U | R | | 04A | 05A | | | CN03RW | 23:24 |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | ACETONE | .01 | mg/L | U | N | Y | U | R | | 04A | 05A | | | CN03RW | 23:24 |
| | | | | BENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | BROMOBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N | Y | U | R | | 04A | 05A | | | CN03RW | 23:24 |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | BROMOFORM | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | BROMOMETHANE | .002 | mg/L | U | N | Y | U | R | | 05A | 05B | | | CN03RW | 23:24 |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | CHLOROETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | CHLOROFORM | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | CHLOROMETHANE | .002 | mg/L | U | N | Y | U | UJ | | 05B | | | | CN03RW | 23:24 |
| | | | | CIS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N | Y | U | R | | 04A | 05A | | | CN03RW | 23:24 |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | METHYLENE CHLORIDE | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CN03RW | 23:24 |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N | Y | U | UJ | | 04B | | | | CN03RW | 23:24 |
| | | | | O-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | STYRENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59403** | | | | | | | | | | | | | | | | | | |
| EM3002 | SW8260 | SW5030 | N 0 1 | TETRACHLOROETHENE | .00019 | mg/L | J | Y | Y | P | J | | 15 | | | | CN03RW | 23:24 |
| | | | | TOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | TRICHLOROETHENE | .0076 | mg/L | | Y | Y | P | | | | | | | CN03RW | 23:24 |
| | | | | TRICHLOROFLUOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N | Y | U | U | | | | | | CN03RW | 23:24 |
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0021 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 7570 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | ANTIMONY | 10.5 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 15:38 |
| | | | | BARIUM | 64.8 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | BERYLLIUM | 0.88 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 15:38 |
| | | | | CADMIUM | 0.88 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 15:38 |
| | | | | CALCIUM | 5370 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | CHROMIUM | 16.7 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | COBALT | 10.2 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | COPPER | 23.9 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | IRON | 19700 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | MAGNESIUM | 1510 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | MANGANESE | 273 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | NICKEL | 12.2 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | POTASSIUM | 879 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 15:38 |
| | | | | SILVER | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 15:38 |
| | | | | SODIUM | 879 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 15:38 |
| | | | | VANADIUM | 12.8 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | | | | ZINC | 153 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 15:38 |
| | SW6010 | SW3050 | N 1 1 | ARSENIC | 5.4 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 21:59 |
| | | | | LEAD | 47.9 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 21:59 |
| | | | | SELENIUM | 1.4 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 21:59 |
| | | | | THALLIUM | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 21:59 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.11 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 07:50 |
| EM0022 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 6880 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | ANTIMONY | 7.7 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 15:43 |
| | | | | BARIUM | 117 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | BERYLLIUM | 1.0 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | CADMIUM | 0.64 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 15:43 |
| | | | | CALCIUM | 1280 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | CHROMIUM | 17.0 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | COBALT | 12.6 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0022 | SW6010 | SW3050 | N 0 1 | COPPER | 30.5 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | IRON | 24300 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | MAGNESIUM | 643 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 15:43 |
| | | | | MANGANESE | 469 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | NICKEL | 8.9 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | POTASSIUM | 643 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 15:43 |
| | | | | SILVER | 1.3 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 15:43 |
| | | | | SODIUM | 643 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 15:43 |
| | | | | VANADIUM | 11.6 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | | | | ZINC | 56.3 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 15:43 |
| | SW6010 | SW3050 | N 1 1 | ARSENIC | 6.0 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 22:04 |
| | | | | LEAD | 39.5 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 22:04 |
| | | | | SELENIUM | 1.4 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 22:04 |
| | | | | THALLIUM | 1.3 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 22:04 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.099 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 07:52 |
| EM0023 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 5680 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | ANTIMONY | 8.1 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 15:48 |
| | | | | BARIUM | 106 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | BERYLLIUM | 1.2 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | CADMIUM | 0.67 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 15:48 |
| | | | | CALCIUM | 2790 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | CHROMIUM | 23.8 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | COBALT | 12.3 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | COPPER | 36.4 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | IRON | 29400 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | MAGNESIUM | 674 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 15:48 |
| | | | | MANGANESE | 715 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | NICKEL | 9.3 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | POTASSIUM | 674 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 15:48 |
| | | | | SILVER | 1.3 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 15:48 |
| | | | | SODIUM | 674 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 15:48 |
| | | | | VANADIUM | 11.1 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | | | | ZINC | 86.9 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 15:48 |
| | SW6010 | SW3050 | N 1 1 | ARSENIC | 7.2 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 22:09 |
| | | | | LEAD | 78.0 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 22:09 |
| | | | | SELENIUM | 1.7 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 22:09 |
| | | | | THALLIUM | 1.3 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 22:09 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.11 | mg/kg | | Y | Y | P | | | | | | | CNE26S | 08:00 |
| EM0024 | SW6010 | SW3050 | N 0 1 | ALUMINUM | 2610 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 15:52 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0024 | SW6010 | SW3050 | N 0 1 | ANTIMONY | 6.9 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:52 |
| | | | | BARIUM | 30.5 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 15:52 |
| | | | | BERYLLIUM | 0.57 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:52 |
| | | | | CADMIUM | 0.57 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:52 |
| | | | | CALCIUM | 675 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 15:52 |
| | | | | CHROMIUM | 24.4 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 15:52 |
| | | | | COBALT | 8.4 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 15:52 |
| | | | | COPPER | 6.0 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 15:52 |
| | | | | IRON | 15500 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 15:52 |
| | | | | MAGNESIUM | 573 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:52 |
| | | | | MANGANESE | 516 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 15:52 |
| | | | | NICKEL | 4.6 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:52 |
| | | | | POTASSIUM | 573 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:52 |
| | | | | SILVER | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:52 |
| | | | | SODIUM | 573 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:52 |
| | | | | VANADIUM | 5.7 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:52 |
| | | | | ZINC | 71.3 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 15:52 |
| | SW6010 | SW3050 | N 1 1 | ARSENIC | 3.1 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 22:15 |
| | | | | LEAD | 17.2 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 22:15 |
| | | | | SELENIUM | 0.57 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 22:15 |
| | | | | THALLIUM | 1.1 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 22:15 |
| | SW7471 | TOTAL | N 0 1 | MERCURY | 0.038 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 08:02 |
| EM0021 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .058 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 01:19 |
| | | | | AROCLOR 1221 | .058 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 01:19 |
| | | | | AROCLOR 1232 | .058 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 01:19 |
| | | | | AROCLOR 1242 | .058 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 01:19 |
| | | | | AROCLOR 1248 | .058 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 01:19 |
| | | | | AROCLOR 1254 | .058 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 01:19 |
| | | | | AROCLOR 1260 | .058 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 01:19 |
| EM0022 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .042 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 01:39 |
| | | | | AROCLOR 1221 | .042 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 01:39 |
| | | | | AROCLOR 1232 | .042 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 01:39 |
| | | | | AROCLOR 1242 | .042 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 01:39 |
| | | | | AROCLOR 1248 | .042 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 01:39 |
| | | | | AROCLOR 1254 | .042 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 01:39 |
| | | | | AROCLOR 1260 | .042 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 01:39 |
| EM0023 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .044 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 01:59 |
| | | | | AROCLOR 1221 | .044 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 01:59 |
| | | | | AROCLOR 1232 | .044 | mg/kg | U | N | Y | U | U | | | | | | [illegible]S | 01:59 |
| | | | | AROCLOR 1242 | .044 | mg/kg | U | N | Y | U | U | | | | | | [illegible]S | 01:59 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0023 | SW8082 | SW3550 | N 0 1 | AROCLOR 1248 | .044 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 01:59 |
| | | | | AROCLOR 1254 | .044 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 01:59 |
| | | | | AROCLOR 1260 | .044 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 01:59 |
| EM0024 | SW8082 | SW3550 | N 0 1 | AROCLOR 1016 | .038 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:34 |
| | | | | AROCLOR 1221 | .038 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:34 |
| | | | | AROCLOR 1232 | .038 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:34 |
| | | | | AROCLOR 1242 | .038 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:34 |
| | | | | AROCLOR 1248 | .038 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:34 |
| | | | | AROCLOR 1254 | .038 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:34 |
| | | | | AROCLOR 1260 | .038 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 15:34 |
| EM0021 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 1,2-DICHLOROBENZENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 1,3-DICHLOROBENZENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 1,4-DICHLOROBENZENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .58 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE18S | 18:31 |
| | | | | 2,4,5-TRICHLOROPHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2,4,6-TRICHLOROPHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2,4-DICHLOROPHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2,4-DIMETHYLPHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2,4-DINITROPHENOL | 2.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE18S | 18:31 |
| | | | | 2,4-DINITROTOLUENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2,6-DINITROTOLUENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2-CHLORONAPHTHALENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2-CHLOROPHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2-METHYLNAPHTHALENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2-METHYLPHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2-NITROANILINE | 2.8 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 2-NITROPHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 3,3'-DICHLOROBENZIDINE | 2.8 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 3-NITROANILINE | 2.8 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 2.8 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 4-CHLOROANILINE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 4-METHYLPHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 4-NITROANILINE | 2.8 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | 4-NITROPHENOL | 2.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE18S | 18:31 |
| | | | | ACENAPHTHENE | .071 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE18S | 18:31 |
| | | | | ACENAPHTHYLENE | .52 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE18S | 18:31 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0021 | SW8270 | SW3550 | N 0 1 | ANTHRACENE | .72 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | BENZ(A)ANTHRACENE | 3.2 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | BENZO(A)PYRENE | 4.6 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | BENZO(B)FLUORANTHENE | 7.2 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | BENZO(GHI)PERYLENE | 1.7 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | BENZO(K)FLUORANTHENE | 4.4 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | BUTYL BENZYL PHTHALATE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | CARBAZOLE | .7 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | CHRYSENE | 5 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | DI-N-BUTYL PHTHALATE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | DI-N-OCTYL PHTHALATE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | DIBENZ(A,H)ANTHRACENE | .91 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | DIBENZOFURAN | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | DIETHYL PHTHALATE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | DIMETHYL PHTHALATE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | FLUORANTHENE | 8 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | FLUORENE | .11 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE18S | 18:31 |
| | | | | HEXACHLOROBENZENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | HEXACHLOROBUTADIENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 2.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE18S | 18:31 |
| | | | | HEXACHLOROETHANE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | INDENO(1,2,3-CD)PYRENE | 2 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | ISOPHORONE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | N-NITROSODIPHENYLAMINE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | NAPHTHALENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | NITROBENZENE | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | PENTACHLOROPHENOL | 2.8 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | PHENANTHRENE | 1.8 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| | | | | PHENOL | .58 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:31 |
| | | | | PYRENE | 5.9 | mg/kg | | Y | Y | P | | | | | | | CNE18S | 18:31 |
| EM0022 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 1,2-DICHLOROBENZENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 1,3-DICHLOROBENZENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 1,4-DICHLOROBENZENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .42 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE21S | 19:14 |
| | | | | 2,4,5-TRICHLOROPHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0022 | SW8270 | SW3550 | N 0 1 | 2,4,6-TRICHLOROPHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2,4-DICHLOROPHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2,4-DIMETHYLPHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2,4-DINITROPHENOL | 2.1 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE21S | 19:14 |
| | | | | 2,4-DINITROTOLUENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2,6-DINITROTOLUENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2-CHLORONAPHTHALENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2-CHLOROPHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2-METHYLNAPHTHALENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2-METHYLPHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2-NITROANILINE | 2.1 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 2-NITROPHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 3,3'-DICHLOROBENZIDINE | 2.1 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 3-NITROANILINE | 2.1 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 2.1 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 4-CHLOROANILINE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 4-METHYLPHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 4-NITROANILINE | 2.1 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | 4-NITROPHENOL | 2.1 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE21S | 19:14 |
| | | | | ACENAPHTHENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | ACENAPHTHYLENE | .086 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | ANTHRACENE | .092 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | BENZ(A)ANTHRACENE | .17 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | BENZO(A)PYRENE | .23 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | BENZO(B)FLUORANTHENE | .23 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | BENZO(GHI)PERYLENE | .11 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | BENZO(K)FLUORANTHENE | .28 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | BUTYL BENZYL PHTHALATE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | CARBAZOLE | .054 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | CHRYSENE | .23 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | DI-N-BUTYL PHTHALATE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | DI-N-OCTYL PHTHALATE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | DIBENZ(A,H)ANTHRACENE | .06 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | DIBENZOFURAN | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0022 | SW8270 | SW3550 | N 0 1 | DIETHYL PHTHALATE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | DIMETHYL PHTHALATE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | FLUORANTHENE | .44 | mg/kg | | Y | Y | P | | | | | | | CNE21S | 19:14 |
| | | | | FLUORENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | HEXACHLOROBENZENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | HEXACHLOROBUTADIENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 2.1 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE21S | 19:14 |
| | | | | HEXACHLOROETHANE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | INDENO(1,2,3-CD)PYRENE | .12 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | ISOPHORONE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | N-NITROSODIPHENYLAMINE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | NAPHTHALENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | NITROBENZENE | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | PENTACHLOROPHENOL | 2.1 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | PHENANTHRENE | .2 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| | | | | PHENOL | .42 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:14 |
| | | | | PYRENE | .31 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE21S | 19:14 |
| EM0023 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 1,2-DICHLOROBENZENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 1,3-DICHLOROBENZENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 1,4-DICHLOROBENZENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .44 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE26S | 19:58 |
| | | | | 2,4,5-TRICHLOROPHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2,4,6-TRICHLOROPHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2,4-DICHLOROPHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2,4-DIMETHYLPHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2,4-DINITROPHENOL | 2.2 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE26S | 19:58 |
| | | | | 2,4-DINITROTOLUENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2,6-DINITROTOLUENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2-CHLORONAPHTHALENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2-CHLOROPHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2-METHYLNAPHTHALENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2-METHYLPHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2-NITROANILINE | 2.2 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 2-NITROPHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 3,3'-DICHLOROBENZIDINE | 2.2 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 3-NITROANILINE | 2.2 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 2.2 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .44 | mg/kg | U | N | Y | U | U | | | | | | C[illegible]S | 19:58 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0023 | SW8270 | SW3550 | N 0 1 | 4-CHLORO-3-METHYLPHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 4-CHLOROANILINE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 4-METHYLPHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 4-NITROANILINE | 2.2 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | 4-NITROPHENOL | 2.2 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE26S | 19:58 |
| | | | | ACENAPHTHENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | ACENAPHTHYLENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | ANTHRACENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | BENZ(A)ANTHRACENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | BENZO(A)PYRENE | .049 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE26S | 19:58 |
| | | | | BENZO(B)FLUORANTHENE | .071 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE26S | 19:58 |
| | | | | BENZO(GHI)PERYLENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | BENZO(K)FLUORANTHENE | .057 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE26S | 19:58 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | BUTYL BENZYL PHTHALATE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | CARBAZOLE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | CHRYSENE | .054 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE26S | 19:58 |
| | | | | DI-N-BUTYL PHTHALATE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | DI-N-OCTYL PHTHALATE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | DIBENZ(A,H)ANTHRACENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | DIBENZOFURAN | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | DIETHYL PHTHALATE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | DIMETHYL PHTHALATE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | FLUORANTHENE | .067 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE26S | 19:58 |
| | | | | FLUORENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | HEXACHLOROBENZENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | HEXACHLOROBUTADIENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 2.2 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE26S | 19:58 |
| | | | | HEXACHLOROETHANE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | INDENO(1,2,3-CD)PYRENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | ISOPHORONE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | N-NITROSODIPHENYLAMINE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | NAPHTHALENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | NITROBENZENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | PENTACHLOROPHENOL | 2.2 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | PHENANTHRENE | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0023 | SW8270 | SW3550 | N 0 1 | PHENOL | .44 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:58 |
| | | | | PYRENE | .053 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE26S | 19:58 |
| EM0024 | SW8270 | SW3550 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 1,2-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 1,3-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 1,4-DICHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .38 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE2ES | 20:42 |
| | | | | 2,4,5-TRICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2,4,6-TRICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2,4-DICHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2,4-DIMETHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2,4-DINITROPHENOL | 1.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE2ES | 20:42 |
| | | | | 2,4-DINITROTOLUENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2,6-DINITROTOLUENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2-CHLORONAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2-CHLOROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2-METHYLNAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 2-NITROPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 3,3'-DICHLOROBENZIDINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 3-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 4-CHLOROANILINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 4-METHYLPHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 4-NITROANILINE | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | 4-NITROPHENOL | 1.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE2ES | 20:42 |
| | | | | ACENAPHTHENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | ACENAPHTHYLENE | .11 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 20:42 |
| | | | | ANTHRACENE | .12 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 20:42 |
| | | | | BENZ(A)ANTHRACENE | .27 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 20:42 |
| | | | | BENZO(A)PYRENE | .36 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 20:42 |
| | | | | BENZO(B)FLUORANTHENE | .45 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 20:42 |
| | | | | BENZO(GHI)PERYLENE | .17 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 20:42 |
| | | | | BENZO(K)FLUORANTHENE | .38 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 20:42 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0024 | SW8270 | SW3550 | N 0 1 | BIS(2-ETHYLHEXYL) PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | BUTYL BENZYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | CARBAZOLE | .081 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 20:42 |
| | | | | CHRYSENE | .38 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 20:42 |
| | | | | DI-N-BUTYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | DI-N-OCTYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | DIBENZ(A,H)ANTHRACENE | .086 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 20:42 |
| | | | | DIBENZOFURAN | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | DIETHYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | DIMETHYL PHTHALATE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | FLUORANTHENE | .66 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 20:42 |
| | | | | FLUORENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | HEXACHLOROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | HEXACHLOROBUTADIENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | HEXACHLOROCYCLOPENTADIENE | 1.8 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE2ES | 20:42 |
| | | | | HEXACHLOROETHANE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | INDENO(1,2,3-CD)PYRENE | .18 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 20:42 |
| | | | | ISOPHORONE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | N-NITROSODIPHENYLAMINE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | NAPHTHALENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | NITROBENZENE | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | PENTACHLOROPHENOL | 1.8 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | PHENANTHRENE | .22 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 20:42 |
| | | | | PHENOL | .38 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 20:42 |
| | | | | PYRENE | .49 | mg/kg | | Y | Y | P | | | | | | | CNE2ES | 20:42 |
| EM0021 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,1,1-TRICHLOROETHANE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,1,2-TRICHLOROETHANE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,1-DICHLOROETHANE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | 1,1-DICHLOROETHENE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | 1,1-DICHLOROPROPENE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .018 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,2-DIBROMOETHANE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,2-DICHLOROBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0021 | SW8260 | SW5030 | N 0 1 | 1,2-DICHLOROETHANE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | 1,2-DICHLOROPROPANE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,3-DICHLOROBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,3-DICHLOROPROPANE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 1,4-DICHLOROBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 2,2-DICHLOROPROPANE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | 2-BUTANONE | .0075 | mg/kg | J | Y | Y | F | B | | 04A | 05A | 06C | 07A | CNE18S | 18:37 |
| | | | | 2-CHLOROTOLUENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 2-HEXANONE | .035 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 4-CHLOROTOLUENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | 4-METHYL-2-PENTANONE | .035 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | ACETONE | .18 | mg/kg | | Y | Y | P | J | | 04A | 05A | 07A | | CNE18S | 18:37 |
| | | | | BENZENE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | BROMOBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | BROMOCHLOROMETHANE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | BROMODICHLOROMETHANE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | BROMOFORM | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | BROMOMETHANE | .018 | mg/kg | U | N | Y | U | R | | 04A | 04B | 05A | | CNE18S | 18:37 |
| | | | | CARBON DISULFIDE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | CARBON TETRACHLORIDE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | CHLOROBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | CHLORODIBROMOMETHANE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | CHLOROETHANE | .018 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | CHLOROFORM | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | CHLOROMETHANE | .018 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | CIS-1,2-DICHLOROETHENE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | DIBROMOMETHANE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | DICHLORODIFLUOROMETHANE | .018 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | ETHYLBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | HEXACHLOROBUTADIENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | ISOPROPYLBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | M-XYLENE & P-XYLENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | METHYLENE CHLORIDE | .0084 | mg/kg | J B | Y | Y | F | B | | 06A | 07A | 15 | | CNE18S | 18:37 |
| | | | | N-BUTYLBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | N-PROPYLBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | NAPHTHALENE | .0088 | mg/kg | U | N | Y | U | UJ | | 05B | 10A | | | CNE18S | 18:37 |
| | | | | O-XYLENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | P-ISOPROPYLTOLUENE | .024 | mg/kg | | Y | Y | P | J | | 07A | | | | [illegible]S | 18:37 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0021 | SW8260 | SW5030 | N 0 1 | SEC-BUTYLBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | STYRENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | TERT-BUTYLBENZENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | TETRACHLOROETHENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | TOLUENE | .0028 | mg/kg | J | Y | Y | P | J | | 07A | 10A | 15 | | CNE18S | 18:37 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0088 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE18S | 18:37 |
| | | | | TRICHLOROETHENE | .0088 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | TRICHLOROFLUOROMETHANE | .018 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| | | | | VINYL CHLORIDE | .018 | mg/kg | U | N | Y | U | U | | | | | | CNE18S | 18:37 |
| EM0022 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,1,1-TRICHLOROETHANE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,1,2-TRICHLOROETHANE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,1-DICHLOROETHANE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | 1,1-DICHLOROETHENE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | 1,1-DICHLOROPROPENE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .013 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,2-DIBROMOETHANE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,2-DICHLOROBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,2-DICHLOROETHANE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | 1,2-DICHLOROPROPANE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,3-DICHLOROBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,3-DICHLOROPROPANE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 1,4-DICHLOROBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 2,2-DICHLOROPROPANE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | 2-BUTANONE | .0077 | mg/kg | J | Y | Y | F | B | | 04A | 05A | 06C | 07A | CNE21S | 19:27 |
| | | | | 2-CHLOROTOLUENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 2-HEXANONE | .026 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 4-CHLOROTOLUENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | 4-METHYL-2-PENTANONE | .026 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | ACETONE | .11 | mg/kg | | Y | Y | P | J | | 04A | 07A | 05A | | CNE21S | 19:27 |
| | | | | BENZENE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | BROMOBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | BROMOCHLOROMETHANE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0022 | SW8260 | SW5030 | N 0 1 | BROMODICHLOROMETHANE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | BROMOFORM | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | BROMOMETHANE | .013 | mg/kg | U | N | Y | U | R | | 04A | 04B | 05A | | CNE21S | 19:27 |
| | | | | CARBON DISULFIDE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | CARBON TETRACHLORIDE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | CHLOROBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | CHLORODIBROMOMETHANE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | CHLOROETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | CHLOROFORM | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | CHLOROMETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | CIS-1,2-DICHLOROETHENE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | DIBROMOMETHANE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | DICHLORODIFLUOROMETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | ETHYLBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | HEXACHLOROBUTADIENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | ISOPROPYLBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | M-XYLENE & P-XYLENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | METHYLENE CHLORIDE | .0052 | mg/kg | J B | Y | Y | F | B | | 06A | 07A | | | CNE21S | 19:27 |
| | | | | N-BUTYLBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | N-PROPYLBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | NAPHTHALENE | .0064 | mg/kg | U | N | Y | U | UJ | | 05B | 10A | | | CNE21S | 19:27 |
| | | | | O-XYLENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | P-ISOPROPYLTOLUENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | SEC-BUTYLBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | STYRENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | TERT-BUTYLBENZENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | TETRACHLOROETHENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | TOLUENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0064 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE21S | 19:27 |
| | | | | TRICHLOROETHENE | .0064 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | TRICHLOROFLUOROMETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| | | | | VINYL CHLORIDE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE21S | 19:27 |
| EM0023 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,1,1-TRICHLOROETHANE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,1,2-TRICHLOROETHANE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,1-DICHLOROETHANE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | 1,1-DICHLOROETHENE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0023 | SW8260 | SW5030 | N 0 1 | 1,1-DICHLOROPROPENE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .013 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,2-DIBROMOETHANE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,2-DICHLOROBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,2-DICHLOROETHANE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | 1,2-DICHLOROPROPANE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,3-DICHLOROBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,3-DICHLOROPROPANE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 1,4-DICHLOROBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 2,2-DICHLOROPROPANE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | 2-BUTANONE | .019 | mg/kg | J | Y | Y | F | B | | 04A | 05A | 07A | 06C | CNE26S | 19:52 |
| | | | | 2-CHLOROTOLUENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 2-HEXANONE | .027 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 4-CHLOROTOLUENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | 4-METHYL-2-PENTANONE | .027 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | ACETONE | .32 | mg/kg | | Y | Y | P | J | | 04A | 05A | 07A | | CNE26S | 19:52 |
| | | | | BENZENE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | BROMOBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | BROMOCHLOROMETHANE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | BROMODICHLOROMETHANE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | BROMOFORM | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | BROMOMETHANE | .013 | mg/kg | U | N | Y | U | R | | 04A | 04B | 05A | | CNE26S | 19:52 |
| | | | | CARBON DISULFIDE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | CARBON TETRACHLORIDE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | CHLOROBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | CHLORODIBROMOMETHANE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | CHLOROETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | CHLOROFORM | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | CHLOROMETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | CIS-1,2-DICHLOROETHENE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | DIBROMOMETHANE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | DICHLORODIFLUOROMETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | ETHYLBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | HEXACHLOROBUTADIENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0023 | SW8260 | SW5030 | N 0 1 | ISOPROPYLBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | M-XYLENE & P-XYLENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | METHYLENE CHLORIDE | .0053 | mg/kg | J B | Y | Y | F | B | | 06A | 07A | | | CNE26S | 19:52 |
| | | | | N-BUTYLBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | N-PROPYLBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | NAPHTHALENE | .0067 | mg/kg | U | N | Y | U | UJ | | 05B | 10A | | | CNE26S | 19:52 |
| | | | | O-XYLENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | P-ISOPROPYLTOLUENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | SEC-BUTYLBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | STYRENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | TERT-BUTYLBENZENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | TETRACHLOROETHENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | TOLUENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0067 | mg/kg | U | N | Y | U | UJ | | 10A | | | | CNE26S | 19:52 |
| | | | | TRICHLOROETHENE | .0067 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | TRICHLOROFLUOROMETHANE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| | | | | VINYL CHLORIDE | .013 | mg/kg | U | N | Y | U | U | | | | | | CNE26S | 19:52 |
| EM0024 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,1,1-TRICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,1,2-TRICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,1-DICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,1-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,1-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,2,3-TRICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,2,3-TRICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,2,4-TRICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,2-DIBROMOETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,2-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,2-DICHLOROETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,2-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,3-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,3-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 1,4-DICHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 2,2-DICHLOROPROPANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 2-BUTANONE | .023 | mg/kg | U | N | Y | U | R | | 04A | 05A | | | CNE2ES | 19:02 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0024 | SW8260 | SW5030 | N 0 1 | 2-CHLOROTOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 2-HEXANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 4-CHLOROTOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | 4-METHYL-2-PENTANONE | .023 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | ACETONE | .036 | mg/kg | | Y | Y | P | J | | 04A | 05A | | | CNE2ES | 19:02 |
| | | | | BENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | BROMOBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | BROMOCHLOROMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | BROMODICHLOROMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | BROMOFORM | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | BROMOMETHANE | .011 | mg/kg | U | N | Y | U | R | | 04A | 04B | 05A | | CNE2ES | 19:02 |
| | | | | CARBON DISULFIDE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | CARBON TETRACHLORIDE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | CHLOROBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | CHLORODIBROMOMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | CHLOROETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | CHLOROFORM | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | CHLOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | CIS-1,2-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | CIS-1,3-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | DIBROMOMETHANE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | DICHLORODIFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | ETHYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | HEXACHLOROBUTADIENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | ISOPROPYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | M-XYLENE & P-XYLENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | METHYLENE CHLORIDE | .0034 | mg/kg | J B | Y | Y | F | B | | 06A | 15 | | | CNE2ES | 19:02 |
| | | | | N-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | N-PROPYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | NAPHTHALENE | .0057 | mg/kg | U | N | Y | U | UJ | | 05B | | | | CNE2ES | 19:02 |
| | | | | O-XYLENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | P-ISOPROPYLTOLUENE | .0043 | mg/kg | J | Y | Y | P | J | | 15 | | | | CNE2ES | 19:02 |
| | | | | SEC-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | STYRENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | TERT-BUTYLBENZENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | TETRACHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | TOLUENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | TRANS-1,2-DICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | TRICHLOROETHENE | .0057 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59404** | | | | | | | | | | | | | | | | | | |
| EM0024 | SW8260 | SW5030 | N 0 1 | TRICHLOROFLUOROMETHANE | .011 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| | | | | VINYL CHLORIDE | .011 | mg/kg | U | N | Y | U | U | | | | | | CNE2ES | 19:02 |
| **PK59405** | | | | | | | | | | | | | | | | | | |
| EM3007 | SW6010 | SW3005 | N 0 1 | ALUMINUM | .972 | mg/L | | Y | Y | P | | | | | | | CNJ04W | 22:02 |
| | | | | ANTIMONY | .06 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | BARIUM | .2 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | BERYLLIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | CADMIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | CALCIUM | 90.5 | mg/L | | Y | Y | P | | | | | | | CNJ04W | 22:02 |
| | | | | CHROMIUM | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | COBALT | .05 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | COPPER | .025 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | IRON | 1.19 | mg/L | | Y | Y | P | | | | | | | CNJ04W | 22:02 |
| | | | | MAGNESIUM | 5.52 | mg/L | | Y | Y | P | | | | | | | CNJ04W | 22:02 |
| | | | | MANGANESE | .046 | mg/L | | Y | Y | P | | | | | | | CNJ04W | 22:02 |
| | | | | NICKEL | .04 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | POTASSIUM | 5 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | SILVER | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | SODIUM | 5 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | VANADIUM | .05 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | | | | ZINC | .02 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 22:02 |
| | SW6010 | TOTREC | N 1 1 | ARSENIC | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 15:50 |
| | | | | LEAD | .003 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 15:50 |
| | | | | SELENIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 15:50 |
| | | | | THALLIUM | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 15:50 |
| | SW7470 | TOTAL | N 0 1 | MERCURY | .0002 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 10:13 |
| EM3007 | SW8082 | SW3520 | N 0 1 | AROCLOR 1016 | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 05:15 |
| | | | | AROCLOR 1221 | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 05:15 |
| | | | | AROCLOR 1232 | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 05:15 |
| | | | | AROCLOR 1242 | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 05:15 |
| | | | | AROCLOR 1248 | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 05:15 |
| | | | | AROCLOR 1254 | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 05:15 |
| | | | | AROCLOR 1260 | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 05:15 |
| EM3007 | SW8270 | SW3520 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |

# Validation Qualifier Data Entry Verification
## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59405** | | | | | | | | | | | | | | | | | | |
| EM3007 | SW8270 | SW3520 | N 0 1 | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 2-NITROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 3-NITROANILINE | .05 | mg/L | U | N | Y | U | UJ | | 04B | | | | CNJ04W | 23:39 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 4-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | BENZO(GHI)PERYLENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | CARBAZOLE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | CHRYSENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | DI-N-BUTYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59405** | | | | | | | | | | | | | | | | | | |
| EM3007 | SW8270 | SW3520 | N 0 1 | DIETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | FLUORENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | HEXACHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | HEXACHLOROBUTADIENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | HEXACHLOROCYCLOPENTADIENE | .05 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 23:39 |
| | | | | HEXACHLOROETHANE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | ISOPHORONE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | NITROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| | | | | PHENOL | .0016 | mg/L | J B | Y | Y | F | B | | 06A | 06C | 15 | | CNJ04W | 23:39 |
| | | | | PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:39 |
| EM3007 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 23:23 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 23:23 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N | Y | U | R | | 04A | 05A | 05B | | CNJ04W | 23:23 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 2-BUTANONE | .005 | mg/L | U | N | N | U | R | | 04A | 05A | 05B | | CNJ04W | 23:23 |

# Validation Qualifier Data Entry Verification

## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59405** | | | | | | | | | | | | | | | | | | |
| EM3007 | SW8260 | SW5030 | N 0 1 | 2-CHLOROTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | ACETONE | .01 | mg/L | U | N | Y | U | R | | 04A | 05A | 05B | | CNJ04W | 23:23 |
| | | | | BENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | BROMOBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N | Y | U | R | | 04A | 05A | | | CNJ04W | 23:23 |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | BROMOFORM | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | BROMOMETHANE | .002 | mg/L | U | N | Y | U | R | | 04A | 05A | | | CNJ04W | 23:23 |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | CHLOROBENZENE | .0034 | mg/L | | Y | Y | P | | | | | | | CNJ04W | 23:23 |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | CHLOROETHANE | .002 | mg/L | U | N | Y | U | R | | 05A | | | | CNJ04W | 23:23 |
| | | | | CHLOROFORM | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | CHLOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | CIS-1,2-DICHLOROETHENE | .0069 | mg/L | | Y | Y | P | | | | | | | CNJ04W | 23:23 |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N | Y | U | R | | 04A | 05A | | | CNJ04W | 23:23 |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 23:23 |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | METHYLENE CHLORIDE | .001 | mg/L | U | N | Y | U | UJ | | 04B | 05B | | | CNJ04W | 23:23 |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CNJ04W | 23:23 |
| | | | | O-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | STYRENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | TOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | TRANS-1,2-DICHLOROETHENE | .00097 | mg/L | J | Y | Y | P | J | | 15 | | | | CNJ04W | 23:23 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | TRICHLOROETHENE | .025 | mg/L | | Y | Y | P | | | | | | | CNJ04W | 23:23 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59405** | | | | | | | | | | | | | | | | | | |
| EM3007 | SW8260 | SW5030 | N 0 1 | TRICHLOROFLUOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CNJ04W | 23:23 |
| | | | | VINYL CHLORIDE | .00092 | mg/L | J | Y | Y | P | J | | 15 | | | | CNJ04W | 23:23 |
| **PK59406** | | | | | | | | | | | | | | | | | | |
| EM3001 | SW6010 | SW3005 | N 0 1 | ALUMINUM | .359 | mg/L | | Y | Y | P | | | | | | | CQDFQW | 14:43 |
| | | | | ANTIMONY | .06 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | | | | BARIUM | .276 | mg/L | | Y | Y | P | | | | | | | CQDFQW | 14:43 |
| | | | | BERYLLIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | | | | CADMIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | | | | CALCIUM | 82.4 | mg/L | | Y | Y | P | | | | | | | CQDFQW | 14:43 |
| | | | | CHROMIUM | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | | | | COBALT | .0076 | mg/L | B | Y | Y | P | J | | 15 | | | | CQDFQW | 14:43 |
| | | | | COPPER | .025 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | | | | IRON | 2.9 | mg/L | | Y | Y | P | | | | | | | CQDFQW | 14:43 |
| | | | | MAGNESIUM | 28.8 | mg/L | | Y | Y | P | | | | | | | CQDFQW | 14:43 |
| | | | | MANGANESE | .148 | mg/L | | Y | Y | P | | | | | | | CQDFQW | 14:43 |
| | | | | NICKEL | .04 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | | | | POTASSIUM | 9.48 | mg/L | | Y | Y | P | | | | | | | CQDFQW | 14:43 |
| | | | | SILVER | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | | | | SODIUM | 9.3 | mg/L | | Y | Y | P | | | | | | | CQDFQW | 14:43 |
| | | | | VANADIUM | .05 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | | | | ZINC | .02 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | SW6010 | TOTREC | N 0 1 | ARSENIC | .0064 | mg/L | B | Y | Y | P | J | | 15 | | | | CQDFQW | 14:43 |
| | | | | LEAD | .0029 | mg/L | B | Y | Y | P | J | | 15 | | | | CQDFQW | 14:43 |
| | | | | SELENIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | | | | THALLIUM | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 14:43 |
| | SW7470 | TOTAL | N 0 1 | MERCURY | .000048 | mg/L | B | Y | Y | P | J | | 15 | | | | CQDFQW | 18:46 |
| EM3003 | SW6010 | SW3005 | N 0 1 | ALUMINUM | 8.81 | mg/L | | Y | Y | | J | | 17 | | | | CQFFDW | 14:47 |
| | | | | ANTIMONY | .06 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 14:47 |
| | | | | BARIUM | .463 | mg/L | | Y | Y | | J | | 17 | | | | CQFFDW | 14:47 |
| | | | | BERYLLIUM | .00064 | mg/L | B | Y | Y | | B | | 06B | 17 | | | CQFFDW | 14:47 |
| | | | | CADMIUM | .005 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 14:47 |
| | | | | CALCIUM | 42.7 | mg/L | | Y | Y | | | | | | | | CQFFDW | 14:47 |
| | | | | CHROMIUM | .0138 | mg/L | | Y | Y | | J | | 17 | | | | CQFFDW | 14:47 |
| | | | | COBALT | .0063 | mg/L | B | Y | Y | | J | | 15 | 17 | | | CQFFDW | 14:47 |
| | | | | COPPER | .0146 | mg/L | B | Y | Y | | J | | 15 | 17 | | | CQFFDW | 14:47 |
| | | | | IRON | 13.1 | mg/L | | Y | Y | | J | | 17 | | | | CQFFDW | 14:47 |
| | | | | MAGNESIUM | 21.3 | mg/L | | Y | Y | | J | | 17 | | | | CQFFDW | 14:47 |
| | | | | MANGANESE | .351 | mg/L | | Y | Y | | J | | 17 | | | | CQFFDW | 14:47 |
| | | | | NICKEL | .0189 | mg/L | B | Y | Y | | J | | 15 | 17 | | | C W | 14:47 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | | | |
| EM3003 | SW6010 | SW3005 | N 0 1 | POTASSIUM | 7.43 | mg/L | | Y | Y | | J | | 17 | | | | CQFFDW | 14:47 |
| | | | | SILVER | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 14:47 |
| | | | | SODIUM | 8.35 | mg/L | | Y | Y | | J | | 17 | | | | CQFFDW | 14:47 |
| | | | | VANADIUM | .0152 | mg/L | B | Y | Y | | J | | 15 | 17 | | | CQFFDW | 14:47 |
| | | | | ZINC | .0307 | mg/L | | Y | Y | | J | | 13 | 17 | | | CQFFDW | 14:47 |
| | SW6010 | TOTREC | N 0 1 | ARSENIC | .0032 | mg/L | B | Y | Y | | J | | 15 | 17 | | | CQFFDW | 14:47 |
| | | | | LEAD | .0082 | mg/L | | Y | Y | | J | | 17 | | | | CQFFDW | 14:47 |
| | | | | SELENIUM | .005 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 14:47 |
| | | | | THALLIUM | .005 | mg/L | B | Y | Y | | B | | 06A | 06B | | | CQFFDW | 14:47 |
| | SW7470 | TOTAL | N 0 1 | MERCURY | .000057 | mg/L | B | Y | Y | | J | | 15 | 17 | | | CQFFDW | 18:49 |
| EM3006 | SW6010 | SW3005 | N 0 1 | ALUMINUM | 29 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | ANTIMONY | .06 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 14:52 |
| | | | | BARIUM | 1.28 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | BERYLLIUM | .0018 | mg/L | B | Y | Y | F | B | | 06B | 17 | | | CQFFFW | 14:52 |
| | | | | CADMIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 14:52 |
| | | | | CALCIUM | 54.4 | mg/L | | Y | Y | P | | | | | | | CQFFFW | 14:52 |
| | | | | CHROMIUM | .046 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | COBALT | .0174 | mg/L | B | Y | Y | P | J | | 15 | 17 | | | CQFFFW | 14:52 |
| | | | | COPPER | .0458 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | IRON | 43.2 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | MAGNESIUM | 35.5 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | MANGANESE | .508 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | NICKEL | .0567 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | POTASSIUM | 16 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | SILVER | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 14:52 |
| | | | | SODIUM | 11.7 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | VANADIUM | .0514 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | ZINC | .0924 | mg/L | | Y | Y | P | J | | 13 | 17 | | | CQFFFW | 14:52 |
| | SW6010 | TOTREC | N 0 1 | ARSENIC | .0099 | mg/L | B | Y | Y | P | J | | 15 | 17 | | | CQFFFW | 14:52 |
| | | | | LEAD | .0226 | mg/L | | Y | Y | P | J | | 17 | | | | CQFFFW | 14:52 |
| | | | | SELENIUM | .005 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 14:52 |
| | | | | THALLIUM | .0054 | mg/L | B | Y | Y | F | B | | 06A | 06B | | | CQFFFW | 14:52 |
| | SW7470 | TOTAL | N 0 1 | MERCURY | .00013 | mg/L | B | Y | Y | P | J | | 15 | 17 | | | CQFFFW | 18:51 |
| EM3001 | SW8082 | SW3520 | N 0 1 | AROCLOR 1016 | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:56 |
| | | | | AROCLOR 1221 | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:56 |
| | | | | AROCLOR 1232 | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:56 |
| | | | | AROCLOR 1242 | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:56 |
| | | | | AROCLOR 1248 | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:56 |
| | | | | AROCLOR 1254 | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:56 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | | | |
| EM3001 | SW8082 | SW3520 | N 0 1 | AROCLOR 1260 | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:56 |
| EM3003 | SW8082 | SW3520 | N 0 1 | AROCLOR 1016 | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 19:11 |
| | | | | AROCLOR 1221 | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 19:11 |
| | | | | AROCLOR 1232 | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 19:11 |
| | | | | AROCLOR 1242 | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 19:11 |
| | | | | AROCLOR 1248 | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 19:11 |
| | | | | AROCLOR 1254 | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 19:11 |
| | | | | AROCLOR 1260 | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 19:11 |
| EM3006 | SW8082 | SW3520 | N 0 1 | AROCLOR 1016 | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:34 |
| | | | | AROCLOR 1221 | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:34 |
| | | | | AROCLOR 1232 | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:34 |
| | | | | AROCLOR 1242 | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:34 |
| | | | | AROCLOR 1248 | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:34 |
| | | | | AROCLOR 1254 | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:34 |
| | | | | AROCLOR 1260 | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:34 |
| EM3001 | SW8270 | SW3520 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N | Y | U | UJ | | 05B | | | | CQDFQW | 20:41 |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 2-NITROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 3-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |

# Validation Qualifier Data Entry Verification

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | | | |
| EM3001 | SW8270 | SW3520 | N 0 1 | 4-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | BENZO(GHI)PERYLENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | CARBAZOLE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | CHRYSENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | DI-N-BUTYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | DIETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | FLUORENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | HEXACHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | HEXACHLOROBUTADIENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | HEXACHLOROCYCLOPENTADIENE | .05 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | HEXACHLOROETHANE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | ISOPHORONE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | NITROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | PHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| | | | | PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 20:41 |
| EM3003 | SW8270 | SW3520 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |

# Validation Qualifier Data Entry Verification
## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | |
| EM3003 | SW8270 | SW3520 | N 0 1 | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N Y | UJ | | 05B | | | | CQFFDW | 20:02 |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 2-NITROPHENOL | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 3-NITROANILINE | .05 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 4-METHYLPHENOL | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | ANTHRACENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | BENZO(GHI)PERYLENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |
| | | | | CARBAZOLE | .01 | mg/L | U | N Y | U | | | | | | CQFFDW | 20:02 |

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | | | |
| EM3003 | SW8270 | SW3520 | N 0 1 | CHRYSENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | DI-N-BUTYL PHTHALATE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | DIETHYL PHTHALATE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | FLUORANTHENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | FLUORENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | HEXACHLOROBENZENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | HEXACHLOROBUTADIENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | HEXACHLOROCYCLOPENTADIENE | .05 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | HEXACHLOROETHANE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | ISOPHORONE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | NITROBENZENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | PHENOL | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| | | | | PYRENE | .01 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 20:02 |
| EM3006 | SW8270 | SW3520 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | | | |
| EM3006 | SW8270 | SW3520 | N 0 1 | 2-NITROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 3-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 4-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N | Y | U | UJ | | 05B | | | | CQFFFW | 19:17 |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | BENZO(GHI)PERYLENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | CARBAZOLE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | CHRYSENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | DI-N-BUTYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | DIETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | FLUORENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | HEXACHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | HEXACHLOROBUTADIENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | HEXACHLOROCYCLOPENTADIENE | .05 | mg/L | U | N | Y | U | UJ | | 04B | | | | CQFFFW | 19:17 |
| | | | | HEXACHLOROETHANE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | ISOPHORONE | .01 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 19:17 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N | Y | U | U | | | | | | [illegible]W | 19:17 |

# Validation Qualifier Data Entry Verification
## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | |
| EM3006 | SW8270 | SW3520 | N 0 1 | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N Y U | U | | | | | | CQFFFW | 19:17 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N Y U | U | | | | | | CQFFFW | 19:17 |
| | | | | NITROBENZENE | .01 | mg/L | U | N Y U | U | | | | | | CQFFFW | 19:17 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N Y U | U | | | | | | CQFFFW | 19:17 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N Y U | U | | | | | | CQFFFW | 19:17 |
| | | | | PHENOL | .01 | mg/L | U | N Y U | U | | | | | | CQFFFW | 19:17 |
| | | | | PYRENE | .01 | mg/L | U | N Y U | U | | | | | | CQFFFW | 19:17 |
| EM3001 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N Y U | R | | 04A | 05A | 05B | | CQDFQW | 18:46 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 2-BUTANONE | .005 | mg/L | U | N Y U | R | | 04A | 05A | | | CQDFQW | 18:46 |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | ACETONE | .01 | mg/L | U | N Y U | R | | 04A | 05A | 05B | | CQDFQW | 18:46 |
| | | | | BENZENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | BROMOBENZENE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |
| | | | | BROMOFORM | .001 | mg/L | U | N Y U | UJ | | 05B | | | | CQDFQW | 18:46 |
| | | | | BROMOMETHANE | .002 | mg/L | U | N Y U | U | | | | | | CQDFQW | 18:46 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | | | |
| EM3001 | SW8260 | SW5030 | N 0 1 | CARBON DISULFIDE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | CHLOROETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | CHLOROFORM | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | CHLOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | CIS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N | Y | U | UJ | | 05B | | | | CQDFQW | 18:46 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | METHYLENE CHLORIDE | .001 | mg/L | U | N | Y | U | UJ | | 04B | 05B | | | CQDFQW | 18:46 |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | O-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | STYRENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | TOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | TRICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | TRICHLOROFLUOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N | Y | U | U | | | | | | CQDFQW | 18:46 |
| EM3003 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |

# Validation Qualifier Data Entry Verification
## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | |
| EM3003 | SW8260 | SW5030 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N Y | R | | 04A | 05A | 05B | | CQFFDW | 16:08 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 2-BUTANONE | .005 | mg/L | U | N Y | R | | 04A | 05A | | | CQFFDW | 16:08 |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | ACETONE | .01 | mg/L | U | N Y | R | | 04A | 05A | | | CQFFDW | 16:08 |
| | | | | BENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | BROMOBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | BROMOFORM | .001 | mg/L | U | N Y | UJ | | 05B | | | | CQFFDW | 16:08 |
| | | | | BROMOMETHANE | .002 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | CHLOROETHANE | .002 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | CHLOROFORM | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | CHLOROMETHANE | .002 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | CIS-1,2-DICHLOROETHENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N Y | U | | | | | | CQFFDW | 16:08 |
| | | | | METHYLENE CHLORIDE | .0015 | mg/L | B | Y Y | B | | 04B | 05B | 06A | 06D | CQFFDW | 16:08 |

# Validation Qualifier Data Entry Verification

Run Date: April 23, 2002

## Fort McClellan



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | | | |
| EM3003 | SW8260 | SW5030 | N 0 1 | N-BUTYLBENZENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | O-XYLENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | STYRENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | TOLUENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | TRICHLOROETHENE | .001 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | TRICHLOROFLUOROMETHANE | .002 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N | Y | | U | | | | | | CQFFDW | 16:08 |
| EM3006 | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N | Y | U | R | | 04A | 05A | 05B | | CQFFFW | 15:19 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 2-BUTANONE | .005 | mg/L | U | N | Y | U | R | | 04A | 05A | | | CQFFFW | 15:19 |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |

# Validation Qualifier Data Entry Verification
## Fort McClellan

Run Date: April 23, 2002



| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes 1 | 2 | 3 | 4 | Lab Sample: | Analysis Time: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PK59406** | | | | | | | | | | | | | | | | | | |
| EM3006 | SW8260 | SW5030 | N 0 1 | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | ACETONE | .01 | mg/L | U | N | Y | U | R | | 04A | 05A | | | CQFFFW | 15:19 |
| | | | | BENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | BROMOBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | BROMOFORM | .001 | mg/L | U | N | Y | U | UJ | | 05B | | | | CQFFFW | 15:19 |
| | | | | BROMOMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | CHLOROETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | CHLOROFORM | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | CHLOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | CIS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | METHYLENE CHLORIDE | .0016 | mg/L | B | Y | Y | F | B | | 04B | 05B | 06A | 06D | CQFFFW | 15:19 |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | O-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | STYRENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | TOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | TRICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | TRICHLOROFLUOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N | Y | U | U | | | | | | CQFFFW | 15:19 |