

GLOSSARY OF VOA DATA

DATA QUALIFIERS

- U** = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
- J** = Indicates an estimated value. This flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; or 2) when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. For example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B** = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E** = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- D** = Identifies all compounds identified in an analysis at a secondary dilution factor.
- I** = Interference.
- NQ** = Result qualitatively confirmed but not able to quantify.
- N** = Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
- X** = This flag is used for a TIC compound which is quantified relative to a response factor generated from a daily calibration standard (rather than quantified relative to the closest internal standard).
- Y** = Additional qualifiers used as required are explained in the case narrative.



GLOSSARY OF VOA DATA

ABBREVIATIONS

| | | |
|--------------|---|--|
| BS | = | Indicates blank spike in which reagent grade water is spiked with the CLP matrix spike solutions and carried through all the steps in the method. Spike recoveries are reported. |
| BSD | = | Indicates blank spike duplicate. |
| MS | = | Indicates matrix spike. |
| MSD | = | Indicates matrix spike duplicate. |
| DL | = | Suffix added to sample number to indicate that results are from a diluted analysis. |
| NA | = | Not Applicable. |
| DF | = | Dilution Factor. |
| NR | = | Not Required. |
| SP, Z | = | Indicates Spiked Compound. |



Cust ID: BOPPC5 VBLKUB

RFW#: 001 98LVH344-MB1

| | | | | |
|----------------|---|---|---|---|
| Chlorobenzene | 5 | U | 5 | U |
| Ethylbenzene | 5 | U | 5 | U |
| Styrene | 5 | U | 5 | U |
| Xylene (total) | 5 | U | 5 | U |

*= Outside of EPA CLP QC limits.

005

Recra LabNet - Lionville Laboratory
VOA ANALYTICAL DATA PACKAGE FOR
TNU-HANFORD B98-060

DATE RECEIVED: 09/03/98

RFW LOT # :9809L571

| CLIENT ID | RFW # | MTX | PREP # | COLLECTION | EXTR/PREP | ANALYSIS |
|-----------|-------|-----|----------|------------|-----------|----------|
| BOPPC5 | 001 | W | 98LVH344 | 08/31/98 | N/A | 09/05/98 |
| LAB QC: | | | | | | |
| VBLKUB | MB1 | W | 98LVH344 | N/A | N/A | 09/05/98 |

| | | | | |
|--|--|---------------|---|--|
| Collector BRYANT | Company Contact Mike Galgal | Telephone No. | Project Coordinator WEISS, RL | Data Turnaround 45 Days |
| Project Designation 202-S Building - Plutonium Loadout Hood - Other Liquid | Sampling Location 202-S P/U Loadout Hood | | SAF No. B98-060 | |
| Ice Chest No. ERC-96-077 | Field Logbook No. EL-1429 | | Method of Shipment Fed Ex - Air | Bill of Lading/Air Bill No. 0000 |
| Shipped To TMA/RECRA | Offsite Property No. W/DOCS A980 076 | | | |
| Waste Designation Client determined no waste codes associated with this project. | | | COA | |

POSSIBLE SAMPLE HAZARDS/REMARKS

None - Trip Blank.

Special Handling and/or Storage

| POSSIBLE SAMPLE HAZARDS/REMARKS | Preservation | Cool AC | | | | | | | | | | | |
|---------------------------------|---------------------|-------------------|-------------|---|--|--|--|--|--|--|--|--|--|
| | Type of Container | °C/s* | | | | | | | | | | | |
| | No. of Container(s) | | | | | | | | | | | | |
| | Volume | | | | | | | | | | | | |
| | | VOA - E260A (TCL) | | | | | | | | | | | |
| SAMPLE ANALYSIS | | | | | | | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | | | | | |
| BOPPCS | Other Liquid | 8-31-98 | 532 | X | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| CHAIN OF POSSESSION | Sign/Print Names | SPECIAL INSTRUCTIONS | Matrix * |
|---|---|----------------------|--|
| Relinquished By Dug Bryant Date/Time 9-2-98 11:00 | Received By D. St. John Date/Time 11:00 | | <ul style="list-style-type: none"> S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids T - Tissue WI - Wipe L - Liquid V - Vegetation X - Other |
| Relinquished By John Date/Time 11:15 | Received By Fed Ex Date/Time | | |
| Relinquished By Fed Ex Date/Time 9-3-98 09:30 | Received By John Date/Time 9-3-98 09:30 | | |
| Relinquished By | Received By | | |

| | | | |
|--------------------------|-----------------|-------------|-----------|
| LABORATORY SECTION | Received By | Title | Date/Time |
| FINAL SAMPLE DISPOSITION | Disposal Method | Disposed By | Date/Time |