Brownfields Program

# File Room Document Transmittal Sheet



| | |
|---|---|
| Your Name: | Shirley Liggins |
| Project ID: | 0701803060 |
| Facility Name: | Camden Road |
| Document Group: | Environmental Assessment (EA) |
| Document Type: | Sampling and Analysis Plan (SAP) |
| Description: | Results of Annual Ground Water Sampling by Hart & Hickman |
| Date of Doc: | 1/27/2009 |
| Author of Doc: | Steven C. Hart |

**File Room Use Only**

0701803060

| | Month | Day | Year |
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| Date Recieved by File Room: | | | |
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Hart & Hickman
A Professional Corporation
Our Clients Demand A Smarter Solution

2923 South Tryon Street
Suite 100 Charlotte, NC
28203-5449

704-586-0007 phone
704-586-0373 fax
www.harthickman.com

**Via Email**

January 27, 2009

HMV Camden, LLC
1600 Camden Rd.
Charlotte, NC 28203

Attention: Mr. Steve Harris

Re: Results of Annual Ground Water Sampling
1600 Camden Rd.
Charlotte, North Carolina
DENR Brownfields Project No. 07018-03-60
H&H Job No. BHC-108

Dear Steve:

Hart & Hickman, PC (H&H) has completed the sampling of existing monitor wells MW-1 and MW-2 at the property located at 1600 Camden Rd. in Charlotte. The sampling was conducted to satisfy the requirements of the Brownfields Agreement for the site.

The monitor wells were sampled on January 15, 2009. The monitor well sampling was conducted in general accordance with the guidelines of the North Carolina Department of Environment and Natural Resources (DENR) Inactive Hazardous Sites Branch. Prior to sampling, the depth to water from top of casing was measured in each of the wells. The depth to water was as follows: MW-1 – 6.60 ft; and MW-2 – 5.48 ft. Following measuring depth to water, the wells were purged and field measurements of pH, conductivity, and temperature were completed following each well bore volume. The field parameters stabilized after the removal of three well bore volumes, and samples were then collected for laboratory analysis.

In accordance with the Brownfield Agreement, the monitor well samples were analyzed for volatile organic compounds by EPA Method 8260. Monitor well purging and sampling were conducted with new, disposable polyethylene bailers.

The results of analyses of the ground water samples are attached. Consistent with the previous sampling event conducted on January 25, 2008, no compounds were detected in either of the monitor well samples.

A summary of the compounds detected in ground water for the three annual sampling events conducted since execution of the Brownfields agreement is provided below:

| Compound (µg/l) | February 20, 2007 | January 25, 2008 | January 15, 2009 |
|---|---|---|---|
| Tetrachloroethene | 2.25 | <1 | <1 |
| cis-1,2-Dichloroethene | 2.20 | <1 | <1 |

The Brownfields agreement indicates that ground water is to be sampled for a minimum of 5 years after execution of the Brownfields agreement. However, based upon the low levels of compounds detected in the initial sampling event in 2007 and the fact that no compounds have been detected in the 2008 and 2009 sampling events, H&H recommends that a request be made to DENR to not conduct the additional two years of ground water sampling and that the monitor wells be abandoned.

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

January 23, 2009 3:35:35PM

Client: Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn: Steve Hart

Work Order: NSA1053
Project Name: Hart & Hickman (NC)
Project Nbr: BHC-108 / 1600 Camden Rd.
P/O Nbr:
Date Received: 01/16/09

| SAMPLE IDENTIFICATION | LAB NUMBER | COLLECTION DATE AND TIME |
|---|---|---|
| MW-1 | NSA1053-01 | 01/15/09 11:05 |
| MW-2 | NSA1053-02 | 01/15/09 11:30 |

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## ANALYTICAL REPORT

**Sample ID: NSA1053-01 (MW-1 - Ground Water) Sampled: 01/15/09 11:05**

Volatile Organic Compounds by EPA Method 8260B

| Analyte | Result | Flag | Units | MRL | Dilution Factor | Analysis Date/Time | Method | Batch |
|---|---|---|---|---|---|---|---|---|
| Acetone | ND | | ug/L | 50.0 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Benzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Bromobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Bromochloromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Bromodichloromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Bromoform | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Bromomethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 2-Butanone | ND | | ug/L | 50.0 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| sec-Butylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| n-Butylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| tert-Butylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Carbon disulfide | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Carbon Tetrachloride | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Chlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Chlorodibromomethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Chloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Chloroform | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Chloromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 2-Chlorotoluene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 4-Chlorotoluene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 5.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Dibromomethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,4-Dichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,3-Dichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2-Dichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Dichlorodifluoromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,1-Dichloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2-Dichloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| cis-1,2-Dichloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,1-Dichloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| trans-1,2-Dichloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,3-Dichloropropane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2-Dichloropropane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 2,2-Dichloropropane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| cis-1,3-Dichloropropene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| trans-1,3-Dichloropropene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,1-Dichloropropene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Ethylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Hexachlorobutadiene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 2-Hexanone | ND | | ug/L | 50.0 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Isopropylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| p-Isopropyltoluene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162) | Work Order: | NSA1053 |
| | 2923 South Tyron Street, Suite 100 | Project Name: | Hart & Hickman (NC) |
| | Charlotte, NC 28203-5449 | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## ANALYTICAL REPORT

| Analyte | Result | Flag | Units | MRL | Dilution Factor | Analysis Date/Time | Method | Batch |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: NSA1053-01 (MW-1 - Ground Water) - cont. Sampled: 01/15/09 11:05** | | | | | | | | |
| Volatile Organic Compounds by EPA Method 8260B - cont. | | | | | | | | |
| Methyl tert-Butyl Ether | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Methylene Chloride | ND | | ug/L | 5.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Naphthalene | ND | | ug/L | 5.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| n-Propylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Styrene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Tetrachloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Toluene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,1,2-Trichloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,1,1-Trichloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Trichloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Trichlorofluoromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2,3-Trichloropropane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Vinyl chloride | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Xylenes, total | ND | | ug/L | 3.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| Diisopropyl Ether | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| 1,2-Dichloroethene (total) | ND | | ug/L | 1.00 | 1 | 01/20/09 21:08 | SW846 8260B | 9011833 |
| *Surr: 1,2-Dichloroethane-d4 (60-140%)* | *110 %* | | | | | *01/20/09 21:08* | *SW846 8260B* | *9011833* |
| *Surr: Dibromofluoromethane (75-124%)* | *105 %* | | | | | *01/20/09 21:08* | *SW846 8260B* | *9011833* |
| *Surr: Toluene-d8 (78-121%)* | *98 %* | | | | | *01/20/09 21:08* | *SW846 8260B* | *9011833* |
| *Surr: 4-Bromofluorobenzene (79-124%)* | *103 %* | | | | | *01/20/09 21:08* | *SW846 8260B* | *9011833* |
| **Sample ID: NSA1053-02 (MW-2 - Ground Water) Sampled: 01/15/09 11:30** | | | | | | | | |
| Volatile Organic Compounds by EPA Method 8260B | | | | | | | | |
| Acetone | ND | | ug/L | 50.0 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Benzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Bromobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Bromochloromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Bromodichloromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Bromoform | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Bromomethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 2-Butanone | ND | | ug/L | 50.0 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| sec-Butylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| n-Butylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| tert-Butylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Carbon disulfide | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Carbon Tetrachloride | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Chlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |

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| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162) | Work Order: | NSA1053 |
| | 2923 South Tyron Street, Suite 100 | Project Name: | Hart & Hickman (NC) |
| | Charlotte, NC 28203-5449 | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## ANALYTICAL REPORT

**Sample ID: NSA1053-02 (MW-2 - Ground Water) - cont. Sampled: 01/15/09 11:30**

Volatile Organic Compounds by EPA Method 8260B - cont.

| Analyte | Result | Flag | Units | MRL | Dilution Factor | Analysis Date/Time | Method | Batch |
|---|---|---|---|---|---|---|---|---|
| Chlorodibromomethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Chloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Chloroform | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Chloromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 2-Chlorotoluene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 4-Chlorotoluene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 5.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Dibromomethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,4-Dichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,3-Dichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2-Dichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Dichlorodifluoromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,1-Dichloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2-Dichloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| cis-1,2-Dichloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,1-Dichloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| trans-1,2-Dichloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,3-Dichloropropane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2-Dichloropropane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 2,2-Dichloropropane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| cis-1,3-Dichloropropene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| trans-1,3-Dichloropropene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,1-Dichloropropene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Ethylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Hexachlorobutadiene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 2-Hexanone | ND | | ug/L | 50.0 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Isopropylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| p-Isopropyltoluene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Methyl tert-Butyl Ether | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Methylene Chloride | ND | | ug/L | 5.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Naphthalene | ND | | ug/L | 5.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| n-Propylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Styrene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Tetrachloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Toluene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,1,2-Trichloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,1,1-Trichloroethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |

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| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## ANALYTICAL REPORT

| Analyte | Result | Flag | Units | MRL | Dilution Factor | Analysis Date/Time | Method | Batch |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: NSA1053-02 (MW-2 - Ground Water) - cont. Sampled: 01/15/09 11:30** | | | | | | | | |
| Volatile Organic Compounds by EPA Method 8260B - cont. | | | | | | | | |
| Trichloroethene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Trichlorofluoromethane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2,3-Trichloropropane | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Vinyl chloride | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Xylenes, total | ND | | ug/L | 3.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| Diisopropyl Ether | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| 1,2-Dichloroethene (total) | ND | | ug/L | 1.00 | 1 | 01/20/09 21:33 | SW846 8260B | 9011833 |
| *Surr: 1,2-Dichloroethane-d4 (60-140%)* | *111 %* | | | | | *01/20/09 21:33* | *SW846 8260B* | *9011833* |
| *Surr: Dibromofluoromethane (75-124%)* | *103 %* | | | | | *01/20/09 21:33* | *SW846 8260B* | *9011833* |
| *Surr: Toluene-d8 (78-121%)* | *99 %* | | | | | *01/20/09 21:33* | *SW846 8260B* | *9011833* |
| *Surr: 4-Bromofluorobenzene (79-124%)* | *103 %* | | | | | *01/20/09 21:33* | *SW846 8260B* | *9011833* |

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
### Blank

| Analyte | Blank Value | Q | Units | Q.C. Batch | Lab Number | Analyzed Date/Time |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | |
| **9011833-BLK1** | | | | | | |
| Acetone | <25.0 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Benzene | <0.270 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Bromobenzene | <0.360 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Bromochloromethane | <0.400 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Bromodichloromethane | <0.350 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Bromoform | <0.430 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Bromomethane | <0.420 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 2-Butanone | <2.40 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| sec-Butylbenzene | <0.140 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| n-Butylbenzene | <0.280 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| tert-Butylbenzene | <0.330 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Carbon disulfide | <0.380 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Carbon Tetrachloride | <0.350 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Chlorobenzene | <0.180 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Chlorodibromomethane | <0.280 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Chloroethane | <0.450 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Chloroform | <0.280 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Chloromethane | <0.380 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 2-Chlorotoluene | <0.300 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 4-Chlorotoluene | <0.330 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2-Dibromo-3-chloropropane | <0.860 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2-Dibromoethane (EDB) | <0.390 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Dibromomethane | <0.350 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,4-Dichlorobenzene | <0.380 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,3-Dichlorobenzene | <0.350 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2-Dichlorobenzene | <0.500 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Dichlorodifluoromethane | <0.460 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,1-Dichloroethane | <0.540 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2-Dichloroethane | <0.370 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| cis-1,2-Dichloroethene | <0.390 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,1-Dichloroethene | <0.340 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| trans-1,2-Dichloroethene | <0.470 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,3-Dichloropropane | <0.290 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2-Dichloropropane | <0.320 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 2,2-Dichloropropane | <0.420 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| cis-1,3-Dichloropropene | <0.290 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| trans-1,3-Dichloropropene | <0.330 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,1-Dichloropropene | <0.310 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Ethylbenzene | <0.240 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Hexachlorobutadiene | <0.910 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 2-Hexanone | <16.7 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
### Blank - Cont.

| Analyte | Blank Value | Q | Units | Q.C. Batch | Lab Number | Analyzed Date/Time |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | |
| **9011833-BLK1** | | | | | | |
| Isopropylbenzene | <0.300 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| p-Isopropyltoluene | <0.220 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Methyl tert-Butyl Ether | <0.420 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Methylene Chloride | <0.830 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 4-Methyl-2-pentanone | <3.49 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Naphthalene | <0.540 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| n-Propylbenzene | <0.290 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Styrene | <0.330 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,1,1,2-Tetrachloroethane | <0.290 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,1,2,2-Tetrachloroethane | <0.290 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Tetrachloroethene | <0.230 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Toluene | <0.280 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2,3-Trichlorobenzene | <0.940 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2,4-Trichlorobenzene | <0.500 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,1,2-Trichloroethane | <0.400 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,1,1-Trichloroethane | <0.370 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Trichloroethene | <0.230 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Trichlorofluoromethane | <0.350 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2,3-Trichloropropane | <0.290 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,3,5-Trimethylbenzene | <0.160 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2,4-Trimethylbenzene | <0.170 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Vinyl chloride | <0.290 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| o-Xylene | <0.330 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| m,p-Xylene | <0.530 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| Xylenes, total | <0.860 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| 1,2-Dichloroethene (total) | <0.470 | | ug/L | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| *Surrogate: 1,2-Dichloroethane-d4* | 103% | | | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| *Surrogate: Dibromofluoromethane* | 102% | | | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| *Surrogate: Toluene-d8* | 101% | | | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |
| *Surrogate: 4-Bromofluorobenzene* | 104% | | | 9011833 | 9011833-BLK1 | 01/20/09 13:02 |

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
## LCS

| Analyte | Known Val. | Analyzed Val | Q | Units | % Rec. | Target Range | Batch | Analyzed Date/Time |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | | | |
| **9011833-BS1** | | | | | | | | |
| Acetone | 100 | 116 | | ug/L | 116% | 62 - 150 | 9011833 | 01/20/09 11:20 |
| Benzene | 20.0 | 21.4 | | ug/L | 107% | 80 - 137 | 9011833 | 01/20/09 11:20 |
| Bromobenzene | 20.0 | 20.6 | | ug/L | 103% | 74 - 131 | 9011833 | 01/20/09 11:20 |
| Bromochloromethane | 20.0 | 21.6 | | ug/L | 108% | 80 - 128 | 9011833 | 01/20/09 11:20 |
| Bromodichloromethane | 20.0 | 21.1 | | ug/L | 106% | 80 - 129 | 9011833 | 01/20/09 11:20 |
| Bromoform | 20.0 | 19.5 | | ug/L | 98% | 69 - 127 | 9011833 | 01/20/09 11:20 |
| Bromomethane | 20.0 | 18.1 | | ug/L | 90% | 62 - 148 | 9011833 | 01/20/09 11:20 |
| 2-Butanone | 100 | 110 | | ug/L | 110% | 77 - 141 | 9011833 | 01/20/09 11:20 |
| sec-Butylbenzene | 20.0 | 22.2 | | ug/L | 111% | 78 - 133 | 9011833 | 01/20/09 11:20 |
| n-Butylbenzene | 20.0 | 22.1 | | ug/L | 111% | 72 - 136 | 9011833 | 01/20/09 11:20 |
| tert-Butylbenzene | 20.0 | 21.8 | | ug/L | 109% | 77 - 135 | 9011833 | 01/20/09 11:20 |
| Carbon disulfide | 20.0 | 22.3 | | ug/L | 111% | 80 - 126 | 9011833 | 01/20/09 11:20 |
| Carbon Tetrachloride | 20.0 | 20.6 | | ug/L | 103% | 76 - 143 | 9011833 | 01/20/09 11:20 |
| Chlorobenzene | 20.0 | 21.8 | | ug/L | 109% | 80 - 120 | 9011833 | 01/20/09 11:20 |
| Chlorodibromomethane | 20.0 | 20.4 | | ug/L | 102% | 76 - 123 | 9011833 | 01/20/09 11:20 |
| Chloroethane | 20.0 | 18.9 | | ug/L | 94% | 77 - 127 | 9011833 | 01/20/09 11:20 |
| Chloroform | 20.0 | 20.9 | | ug/L | 105% | 80 - 133 | 9011833 | 01/20/09 11:20 |
| Chloromethane | 20.0 | 17.6 | | ug/L | 88% | 33 - 125 | 9011833 | 01/20/09 11:20 |
| 2-Chlorotoluene | 20.0 | 21.3 | | ug/L | 107% | 80 - 127 | 9011833 | 01/20/09 11:20 |
| 4-Chlorotoluene | 20.0 | 21.2 | | ug/L | 106% | 80 - 127 | 9011833 | 01/20/09 11:20 |
| 1,2-Dibromo-3-chloropropane | 20.0 | 22.4 | | ug/L | 112% | 60 - 136 | 9011833 | 01/20/09 11:20 |
| 1,2-Dibromoethane (EDB) | 20.0 | 22.5 | | ug/L | 112% | 80 - 125 | 9011833 | 01/20/09 11:20 |
| Dibromomethane | 20.0 | 21.0 | | ug/L | 105% | 80 - 124 | 9011833 | 01/20/09 11:20 |
| 1,4-Dichlorobenzene | 20.0 | 20.6 | | ug/L | 103% | 80 - 120 | 9011833 | 01/20/09 11:20 |
| 1,3-Dichlorobenzene | 20.0 | 21.3 | | ug/L | 106% | 80 - 123 | 9011833 | 01/20/09 11:20 |
| 1,2-Dichlorobenzene | 20.0 | 21.6 | | ug/L | 108% | 80 - 122 | 9011833 | 01/20/09 11:20 |
| Dichlorodifluoromethane | 20.0 | 12.4 | | ug/L | 62% | 36 - 120 | 9011833 | 01/20/09 11:20 |
| 1,1-Dichloroethane | 20.0 | 21.5 | | ug/L | 108% | 76 - 130 | 9011833 | 01/20/09 11:20 |
| 1,2-Dichloroethane | 20.0 | 19.9 | | ug/L | 100% | 69 - 136 | 9011833 | 01/20/09 11:20 |
| cis-1,2-Dichloroethene | 20.0 | 22.2 | | ug/L | 111% | 80 - 129 | 9011833 | 01/20/09 11:20 |
| 1,1-Dichloroethene | 20.0 | 22.6 | | ug/L | 113% | 80 - 127 | 9011833 | 01/20/09 11:20 |
| trans-1,2-Dichloroethene | 20.0 | 22.3 | | ug/L | 112% | 80 - 131 | 9011833 | 01/20/09 11:20 |
| 1,3-Dichloropropane | 20.0 | 21.4 | | ug/L | 107% | 80 - 122 | 9011833 | 01/20/09 11:20 |
| 1,2-Dichloropropane | 20.0 | 19.1 | | ug/L | 96% | 80 - 120 | 9011833 | 01/20/09 11:20 |
| 2,2-Dichloropropane | 20.0 | 23.8 | | ug/L | 119% | 62 - 142 | 9011833 | 01/20/09 11:20 |
| cis-1,3-Dichloropropene | 20.0 | 22.9 | | ug/L | 114% | 76 - 135 | 9011833 | 01/20/09 11:20 |
| trans-1,3-Dichloropropene | 20.0 | 20.9 | | ug/L | 105% | 70 - 137 | 9011833 | 01/20/09 11:20 |
| 1,1-Dichloropropene | 20.0 | 21.4 | | ug/L | 107% | 80 - 127 | 9011833 | 01/20/09 11:20 |
| Ethylbenzene | 20.0 | 22.6 | | ug/L | 113% | 80 - 128 | 9011833 | 01/20/09 11:20 |
| Hexachlorobutadiene | 20.0 | 23.9 | | ug/L | 119% | 68 - 148 | 9011833 | 01/20/09 11:20 |
| 2-Hexanone | 100 | 117 | | ug/L | 117% | 69 - 148 | 9011833 | 01/20/09 11:20 |

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162) | Work Order: | NSA1053 |
| | 2923 South Tyron Street, Suite 100 | Project Name: | Hart & Hickman (NC) |
| | Charlotte, NC 28203-5449 | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
## LCS - Cont.

| Analyte | Known Val. | Analyzed Val | Q | Units | % Rec. | Target Range | Batch | Analyzed Date/Time |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | | | |
| **9011833-BS1** | | | | | | | | |
| Isopropylbenzene | 20.0 | 23.6 | | ug/L | 118% | 80 - 121 | 9011833 | 01/20/09 11:20 |
| p-Isopropyltoluene | 20.0 | 21.9 | | ug/L | 110% | 79 - 127 | 9011833 | 01/20/09 11:20 |
| Methyl tert-Butyl Ether | 20.0 | 22.1 | | ug/L | 110% | 70 - 129 | 9011833 | 01/20/09 11:20 |
| Methylene Chloride | 20.0 | 19.3 | | ug/L | 97% | 76 - 135 | 9011833 | 01/20/09 11:20 |
| 4-Methyl-2-pentanone | 100 | 119 | | ug/L | 119% | 67 - 143 | 9011833 | 01/20/09 11:20 |
| Naphthalene | 20.0 | 25.8 | | ug/L | 129% | 62 - 141 | 9011833 | 01/20/09 11:20 |
| n-Propylbenzene | 20.0 | 22.0 | | ug/L | 110% | 80 - 132 | 9011833 | 01/20/09 11:20 |
| Styrene | 20.0 | 24.3 | | ug/L | 122% | 80 - 139 | 9011833 | 01/20/09 11:20 |
| 1,1,1,2-Tetrachloroethane | 20.0 | 23.1 | | ug/L | 116% | 80 - 135 | 9011833 | 01/20/09 11:20 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 21.3 | | ug/L | 107% | 65 - 145 | 9011833 | 01/20/09 11:20 |
| Tetrachloroethene | 20.0 | 22.6 | | ug/L | 113% | 80 - 125 | 9011833 | 01/20/09 11:20 |
| Toluene | 20.0 | 22.1 | | ug/L | 110% | 80 - 125 | 9011833 | 01/20/09 11:20 |
| 1,2,3-Trichlorobenzene | 20.0 | 24.5 | | ug/L | 122% | 57 - 144 | 9011833 | 01/20/09 11:20 |
| 1,2,4-Trichlorobenzene | 20.0 | 23.0 | | ug/L | 115% | 60 - 140 | 9011833 | 01/20/09 11:20 |
| 1,1,2-Trichloroethane | 20.0 | 21.8 | | ug/L | 109% | 80 - 122 | 9011833 | 01/20/09 11:20 |
| 1,1,1-Trichloroethane | 20.0 | 20.4 | | ug/L | 102% | 80 - 131 | 9011833 | 01/20/09 11:20 |
| Trichloroethene | 20.0 | 22.2 | | ug/L | 111% | 80 - 131 | 9011833 | 01/20/09 11:20 |
| Trichlorofluoromethane | 20.0 | 17.0 | | ug/L | 85% | 68 - 125 | 9011833 | 01/20/09 11:20 |
| 1,2,3-Trichloropropane | 20.0 | 19.5 | | ug/L | 98% | 60 - 127 | 9011833 | 01/20/09 11:20 |
| 1,3,5-Trimethylbenzene | 20.0 | 21.8 | | ug/L | 109% | 80 - 129 | 9011833 | 01/20/09 11:20 |
| 1,2,4-Trimethylbenzene | 20.0 | 21.7 | | ug/L | 108% | 80 - 128 | 9011833 | 01/20/09 11:20 |
| Vinyl chloride | 20.0 | 17.5 | | ug/L | 87% | 69 - 120 | 9011833 | 01/20/09 11:20 |
| o-Xylene | 20.0 | 22.6 | | ug/L | 113% | 80 - 130 | 9011833 | 01/20/09 11:20 |
| m,p-Xylene | 40.0 | 45.3 | | ug/L | 113% | 80 - 130 | 9011833 | 01/20/09 11:20 |
| Xylenes, total | 60.0 | 67.9 | | ug/L | 113% | 80 - 129 | 9011833 | 01/20/09 11:20 |
| 1,2-Dichloroethene (total) | 40.0 | 44.6 | | ug/L | 111% | 80 - 128 | 9011833 | 01/20/09 11:20 |
| *Surrogate: 1,2-Dichloroethane-d4* | 30.0 | 29.9 | | | 100% | 60 - 140 | 9011833 | 01/20/09 11:20 |
| *Surrogate: Dibromofluoromethane* | 30.0 | 28.2 | | | 94% | 75 - 124 | 9011833 | 01/20/09 11:20 |
| *Surrogate: Toluene-d8* | 30.0 | 30.1 | | | 100% | 78 - 121 | 9011833 | 01/20/09 11:20 |
| *Surrogate: 4-Bromofluorobenzene* | 30.0 | 28.7 | | | 96% | 79 - 124 | 9011833 | 01/20/09 11:20 |

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| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162) | Work Order: | NSA1053 |
| | 2923 South Tyron Street, Suite 100 | Project Name: | Hart & Hickman (NC) |
| | Charlotte, NC 28203-5449 | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
### LCS Dup

| Analyte | Orig. Val. | Duplicate | Q | Units | Spike Conc | % Rec. | Target Range | RPD | Limit | Batch | Sample Duplicated | Analyzed Date/Time |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | | | | | | | |
| **9011833-BSD1** | | | | | | | | | | | | |
| Acetone | | 122 | | ug/L | 100 | 122% | 62 - 150 | 5 | 29 | 9011833 | | 01/20/09 11:45 |
| Benzene | | 21.5 | | ug/L | 20.0 | 107% | 80 - 137 | 0.3 | 23 | 9011833 | | 01/20/09 11:45 |
| Bromobenzene | | 19.6 | | ug/L | 20.0 | 98% | 74 - 131 | 5 | 18 | 9011833 | | 01/20/09 11:45 |
| Bromochloromethane | | 20.7 | | ug/L | 20.0 | 103% | 80 - 128 | 4 | 18 | 9011833 | | 01/20/09 11:45 |
| Bromodichloromethane | | 20.7 | | ug/L | 20.0 | 104% | 80 - 129 | 2 | 18 | 9011833 | | 01/20/09 11:45 |
| Bromoform | | 19.4 | | ug/L | 20.0 | 97% | 69 - 127 | 0.6 | 24 | 9011833 | | 01/20/09 11:45 |
| Bromomethane | | 18.8 | | ug/L | 20.0 | 94% | 62 - 148 | 4 | 45 | 9011833 | | 01/20/09 11:45 |
| 2-Butanone | | 116 | | ug/L | 100 | 116% | 77 - 141 | 5 | 36 | 9011833 | | 01/20/09 11:45 |
| sec-Butylbenzene | | 20.9 | | ug/L | 20.0 | 105% | 78 - 133 | 6 | 17 | 9011833 | | 01/20/09 11:45 |
| n-Butylbenzene | | 20.9 | | ug/L | 20.0 | 104% | 72 - 136 | 6 | 18 | 9011833 | | 01/20/09 11:45 |
| tert-Butylbenzene | | 20.8 | | ug/L | 20.0 | 104% | 77 - 135 | 5 | 17 | 9011833 | | 01/20/09 11:45 |
| Carbon disulfide | | 22.2 | | ug/L | 20.0 | 111% | 80 - 126 | 0.04 | 16 | 9011833 | | 01/20/09 11:45 |
| Carbon Tetrachloride | | 21.2 | | ug/L | 20.0 | 106% | 76 - 143 | 3 | 29 | 9011833 | | 01/20/09 11:45 |
| Chlorobenzene | | 21.7 | | ug/L | 20.0 | 108% | 80 - 120 | 0.7 | 27 | 9011833 | | 01/20/09 11:45 |
| Chlorodibromomethane | | 19.4 | | ug/L | 20.0 | 97% | 76 - 123 | 5 | 21 | 9011833 | | 01/20/09 11:45 |
| Chloroethane | | 18.6 | | ug/L | 20.0 | 93% | 77 - 127 | 2 | 32 | 9011833 | | 01/20/09 11:45 |
| Chloroform | | 21.0 | | ug/L | 20.0 | 105% | 80 - 133 | 0.5 | 28 | 9011833 | | 01/20/09 11:45 |
| Chloromethane | | 17.9 | | ug/L | 20.0 | 90% | 33 - 125 | 2 | 21 | 9011833 | | 01/20/09 11:45 |
| 2-Chlorotoluene | | 20.7 | | ug/L | 20.0 | 104% | 80 - 127 | 3 | 16 | 9011833 | | 01/20/09 11:45 |
| 4-Chlorotoluene | | 20.6 | | ug/L | 20.0 | 103% | 80 - 127 | 3 | 17 | 9011833 | | 01/20/09 11:45 |
| 1,2-Dibromo-3-chloropropane | | 22.0 | | ug/L | 20.0 | 110% | 60 - 136 | 2 | 29 | 9011833 | | 01/20/09 11:45 |
| 1,2-Dibromoethane (EDB) | | 22.1 | | ug/L | 20.0 | 111% | 80 - 125 | 2 | 21 | 9011833 | | 01/20/09 11:45 |
| Dibromomethane | | 20.7 | | ug/L | 20.0 | 104% | 80 - 124 | 2 | 20 | 9011833 | | 01/20/09 11:45 |
| 1,4-Dichlorobenzene | | 19.9 | | ug/L | 20.0 | 100% | 80 - 120 | 3 | 19 | 9011833 | | 01/20/09 11:45 |
| 1,3-Dichlorobenzene | | 20.6 | | ug/L | 20.0 | 103% | 80 - 123 | 3 | 18 | 9011833 | | 01/20/09 11:45 |
| 1,2-Dichlorobenzene | | 21.4 | | ug/L | 20.0 | 107% | 80 - 122 | 0.5 | 23 | 9011833 | | 01/20/09 11:45 |
| Dichlorodifluoromethane | | 12.3 | | ug/L | 20.0 | 61% | 36 - 120 | 0.9 | 14 | 9011833 | | 01/20/09 11:45 |
| 1,1-Dichloroethane | | 20.6 | | ug/L | 20.0 | 103% | 76 - 130 | 4 | 15 | 9011833 | | 01/20/09 11:45 |
| 1,2-Dichloroethane | | 20.0 | | ug/L | 20.0 | 100% | 69 - 136 | 0.2 | 26 | 9011833 | | 01/20/09 11:45 |
| cis-1,2-Dichloroethene | | 21.8 | | ug/L | 20.0 | 109% | 80 - 129 | 2 | 14 | 9011833 | | 01/20/09 11:45 |
| 1,1-Dichloroethene | | 23.0 | | ug/L | 20.0 | 115% | 80 - 127 | 2 | 26 | 9011833 | | 01/20/09 11:45 |
| trans-1,2-Dichloroethene | | 21.0 | | ug/L | 20.0 | 105% | 80 - 131 | 6 | 14 | 9011833 | | 01/20/09 11:45 |
| 1,3-Dichloropropane | | 20.2 | | ug/L | 20.0 | 101% | 80 - 122 | 6 | 21 | 9011833 | | 01/20/09 11:45 |
| 1,2-Dichloropropane | | 19.1 | | ug/L | 20.0 | 95% | 80 - 120 | 0.3 | 16 | 9011833 | | 01/20/09 11:45 |
| 2,2-Dichloropropane | | 23.5 | | ug/L | 20.0 | 118% | 62 - 142 | 0.9 | 14 | 9011833 | | 01/20/09 11:45 |
| cis-1,3-Dichloropropene | | 22.0 | | ug/L | 20.0 | 110% | 76 - 135 | 4 | 19 | 9011833 | | 01/20/09 11:45 |
| trans-1,3-Dichloropropene | | 19.3 | | ug/L | 20.0 | 96% | 70 - 137 | 8 | 20 | 9011833 | | 01/20/09 11:45 |
| 1,1-Dichloropropene | | 21.0 | | ug/L | 20.0 | 105% | 80 - 127 | 2 | 14 | 9011833 | | 01/20/09 11:45 |
| Ethylbenzene | | 21.9 | | ug/L | 20.0 | 110% | 80 - 128 | 3 | 17 | 9011833 | | 01/20/09 11:45 |
| Hexachlorobutadiene | | 23.2 | | ug/L | 20.0 | 116% | 68 - 148 | 3 | 34 | 9011833 | | 01/20/09 11:45 |
| 2-Hexanone | | 116 | | ug/L | 100 | 116% | 69 - 148 | 0.6 | 34 | 9011833 | | 01/20/09 11:45 |

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
### LCS Dup - Cont.

| Analyte | Orig. Val. | Duplicate | Q | Units | Spike Conc | % Rec. | Target Range | RPD | Limit | Batch | Sample Duplicated | Analyzed Date/Time |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | | | | | | | |
| **9011833-BSD1** | | | | | | | | | | | | |
| Isopropylbenzene | | 23.1 | | ug/L | 20.0 | 116% | 80 - 121 | 2 | 18 | 9011833 | | 01/20/09 11:45 |
| p-Isopropyltoluene | | 21.3 | | ug/L | 20.0 | 106% | 79 - 127 | 3 | 17 | 9011833 | | 01/20/09 11:45 |
| Methyl tert-Butyl Ether | | 22.3 | | ug/L | 20.0 | 112% | 70 - 129 | 1 | 32 | 9011833 | | 01/20/09 11:45 |
| Methylene Chloride | | 19.3 | | ug/L | 20.0 | 96% | 76 - 135 | 0.2 | 18 | 9011833 | | 01/20/09 11:45 |
| 4-Methyl-2-pentanone | | 113 | | ug/L | 100 | 113% | 67 - 143 | 5 | 31 | 9011833 | | 01/20/09 11:45 |
| Naphthalene | | 25.4 | | ug/L | 20.0 | 127% | 62 - 141 | 2 | 39 | 9011833 | | 01/20/09 11:45 |
| n-Propylbenzene | | 21.2 | | ug/L | 20.0 | 106% | 80 - 132 | 4 | 17 | 9011833 | | 01/20/09 11:45 |
| Styrene | | 23.2 | | ug/L | 20.0 | 116% | 80 - 139 | 5 | 16 | 9011833 | | 01/20/09 11:45 |
| 1,1,1,2-Tetrachloroethane | | 21.7 | | ug/L | 20.0 | 108% | 80 - 135 | 7 | 17 | 9011833 | | 01/20/09 11:45 |
| 1,1,2,2-Tetrachloroethane | | 21.2 | | ug/L | 20.0 | 106% | 65 - 145 | 0.6 | 28 | 9011833 | | 01/20/09 11:45 |
| Tetrachloroethene | | 22.2 | | ug/L | 20.0 | 111% | 80 - 125 | 2 | 27 | 9011833 | | 01/20/09 11:45 |
| Toluene | | 21.5 | | ug/L | 20.0 | 108% | 80 - 125 | 2 | 19 | 9011833 | | 01/20/09 11:45 |
| 1,2,3-Trichlorobenzene | | 24.7 | | ug/L | 20.0 | 124% | 57 - 144 | 0.9 | 31 | 9011833 | | 01/20/09 11:45 |
| 1,2,4-Trichlorobenzene | | 23.1 | | ug/L | 20.0 | 115% | 60 - 140 | 0.2 | 26 | 9011833 | | 01/20/09 11:45 |
| 1,1,2-Trichloroethane | | 21.1 | | ug/L | 20.0 | 105% | 80 - 122 | 3 | 21 | 9011833 | | 01/20/09 11:45 |
| 1,1,1-Trichloroethane | | 21.6 | | ug/L | 20.0 | 108% | 80 - 131 | 6 | 16 | 9011833 | | 01/20/09 11:45 |
| Trichloroethene | | 22.3 | | ug/L | 20.0 | 112% | 80 - 131 | 0.4 | 28 | 9011833 | | 01/20/09 11:45 |
| Trichlorofluoromethane | | 16.3 | | ug/L | 20.0 | 82% | 68 - 125 | 4 | 20 | 9011833 | | 01/20/09 11:45 |
| 1,2,3-Trichloropropane | | 20.4 | | ug/L | 20.0 | 102% | 60 - 127 | 5 | 26 | 9011833 | | 01/20/09 11:45 |
| 1,3,5-Trimethylbenzene | | 21.0 | | ug/L | 20.0 | 105% | 80 - 129 | 3 | 16 | 9011833 | | 01/20/09 11:45 |
| 1,2,4-Trimethylbenzene | | 21.3 | | ug/L | 20.0 | 106% | 80 - 128 | 2 | 22 | 9011833 | | 01/20/09 11:45 |
| Vinyl chloride | | 16.9 | | ug/L | 20.0 | 84% | 69 - 120 | 3 | 26 | 9011833 | | 01/20/09 11:45 |
| o-Xylene | | 21.7 | | ug/L | 20.0 | 108% | 80 - 130 | 4 | 18 | 9011833 | | 01/20/09 11:45 |
| m,p-Xylene | | 43.6 | | ug/L | 40.0 | 109% | 80 - 130 | 4 | 18 | 9011833 | | 01/20/09 11:45 |
| Xylenes, total | | 65.3 | | ug/L | 60.0 | 109% | 80 - 129 | 4 | 18 | 9011833 | | 01/20/09 11:45 |
| 1,2-Dichloroethene (total) | | 42.8 | | ug/L | 40.0 | 107% | 80 - 128 | 4 | 12 | 9011833 | | 01/20/09 11:45 |
| *Surrogate: 1,2-Dichloroethane-d4* | | 30.9 | | ug/L | 30.0 | 103% | 60 - 140 | | | 9011833 | | 01/20/09 11:45 |
| *Surrogate: Dibromofluoromethane* | | 27.6 | | ug/L | 30.0 | 92% | 75 - 124 | | | 9011833 | | 01/20/09 11:45 |
| *Surrogate: Toluene-d8* | | 30.1 | | ug/L | 30.0 | 100% | 78 - 121 | | | 9011833 | | 01/20/09 11:45 |
| *Surrogate: 4-Bromofluorobenzene* | | 27.9 | | ug/L | 30.0 | 93% | 79 - 124 | | | 9011833 | | 01/20/09 11:45 |

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| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
### Matrix Spike

| Analyte | Orig. Val. | MS Val | Q | Units | Spike Conc | % Rec. | Target Range | Batch | Sample Spiked | Analyzed Date/Time |
|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | | | | | |
| **9011833-MS1** | | | | | | | | | | |
| Acetone | 2.26 | 217 | | ug/L | 250 | 86% | 55 - 148 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Benzene | ND | 49.9 | | ug/L | 50.0 | 100% | 68 - 143 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Bromobenzene | ND | 45.0 | | ug/L | 50.0 | 90% | 65 - 140 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Bromochloromethane | ND | 51.1 | | ug/L | 50.0 | 102% | 80 - 137 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Bromodichloromethane | ND | 52.8 | | ug/L | 50.0 | 106% | 80 - 132 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Bromoform | ND | 48.3 | | ug/L | 50.0 | 97% | 67 - 123 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Bromomethane | ND | 37.5 | | ug/L | 50.0 | 75% | 39 - 166 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 2-Butanone | ND | 249 | | ug/L | 250 | 100% | 50 - 154 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| sec-Butylbenzene | ND | 53.2 | | ug/L | 50.0 | 106% | 73 - 142 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| n-Butylbenzene | ND | 53.5 | | ug/L | 50.0 | 107% | 64 - 147 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| tert-Butylbenzene | ND | 52.0 | | ug/L | 50.0 | 104% | 70 - 148 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Carbon disulfide | ND | 49.7 | | ug/L | 50.0 | 99% | 79 - 147 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Carbon Tetrachloride | ND | 54.2 | | ug/L | 50.0 | 108% | 62 - 165 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Chlorobenzene | ND | 52.4 | | ug/L | 50.0 | 105% | 67 - 140 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Chlorodibromomethane | ND | 48.9 | | ug/L | 50.0 | 98% | 72 - 123 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Chloroethane | ND | 43.1 | | ug/L | 50.0 | 86% | 74 - 151 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Chloroform | ND | 52.5 | | ug/L | 50.0 | 105% | 59 - 152 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Chloromethane | ND | 39.2 | | ug/L | 50.0 | 78% | 33 - 138 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 2-Chlorotoluene | ND | 48.5 | | ug/L | 50.0 | 97% | 76 - 134 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 4-Chlorotoluene | ND | 47.9 | | ug/L | 50.0 | 96% | 80 - 133 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2-Dibromo-3-chloropropane | ND | 46.2 | | ug/L | 50.0 | 92% | 60 - 136 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2-Dibromoethane (EDB) | ND | 51.8 | | ug/L | 50.0 | 104% | 80 - 132 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Dibromomethane | ND | 50.2 | | ug/L | 50.0 | 100% | 79 - 131 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,4-Dichlorobenzene | ND | 47.9 | | ug/L | 50.0 | 96% | 80 - 126 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,3-Dichlorobenzene | ND | 49.6 | | ug/L | 50.0 | 99% | 75 - 132 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2-Dichlorobenzene | ND | 50.8 | | ug/L | 50.0 | 102% | 80 - 130 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Dichlorodifluoromethane | ND | 23.0 | | ug/L | 50.0 | 46% | 36 - 146 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,1-Dichloroethane | ND | 50.9 | | ug/L | 50.0 | 102% | 76 - 131 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2-Dichloroethane | 1.79 | 52.0 | | ug/L | 50.0 | 101% | 53 - 146 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| cis-1,2-Dichloroethene | ND | 52.9 | | ug/L | 50.0 | 106% | 76 - 141 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,1-Dichloroethene | ND | 55.4 | | ug/L | 50.0 | 111% | 63 - 157 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| trans-1,2-Dichloroethene | ND | 53.2 | | ug/L | 50.0 | 106% | 78 - 137 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,3-Dichloropropane | ND | 49.4 | | ug/L | 50.0 | 99% | 76 - 130 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2-Dichloropropane | ND | 46.2 | | ug/L | 50.0 | 92% | 77 - 128 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 2,2-Dichloropropane | ND | 53.5 | | ug/L | 50.0 | 107% | 62 - 145 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| cis-1,3-Dichloropropene | ND | 53.4 | | ug/L | 50.0 | 107% | 71 - 140 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| trans-1,3-Dichloropropene | ND | 48.6 | | ug/L | 50.0 | 97% | 65 - 137 | 9011833 | NSA1091-05 | 01/20/09 21:59 |

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
### Matrix Spike - Cont.

| Analyte | Orig. Val. | MS Val | Q | Units | Spike Conc | % Rec. | Target Range | Batch | Sample Spiked | Analyzed Date/Time |
|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | | | | | |
| **9011833-MS1** | | | | | | | | | | |
| 1,1-Dichloropropene | ND | 52.5 | | ug/L | 50.0 | 105% | 80 - 136 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Ethylbenzene | ND | 55.7 | | ug/L | 50.0 | 111% | 80 - 135 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Hexachlorobutadiene | ND | 53.4 | | ug/L | 50.0 | 107% | 48 - 155 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 2-Hexanone | ND | 269 | | ug/L | 250 | 108% | 58 - 154 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Isopropylbenzene | ND | 61.7 | | ug/L | 50.0 | 123% | 80 - 135 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| p-Isopropyltoluene | ND | 53.7 | | ug/L | 50.0 | 107% | 74 - 139 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Methyl tert-Butyl Ether | ND | 51.6 | | ug/L | 50.0 | 103% | 60 - 144 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Methylene Chloride | ND | 43.1 | | ug/L | 50.0 | 86% | 64 - 140 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 4-Methyl-2-pentanone | ND | 271 | | ug/L | 250 | 108% | 55 - 153 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Naphthalene | ND | 47.0 | | ug/L | 50.0 | 94% | 50 - 154 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| n-Propylbenzene | ND | 49.2 | | ug/L | 50.0 | 98% | 78 - 141 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Styrene | ND | 59.9 | | ug/L | 50.0 | 120% | 80 - 139 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,1,1,2-Tetrachloroethane | ND | 57.5 | | ug/L | 50.0 | 115% | 75 - 140 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,1,2,2-Tetrachloroethane | ND | 44.8 | | ug/L | 50.0 | 90% | 55 - 152 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Tetrachloroethene | ND | 54.2 | | ug/L | 50.0 | 108% | 67 - 150 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Toluene | ND | 52.8 | | ug/L | 50.0 | 106% | 75 - 139 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2,3-Trichlorobenzene | ND | 45.3 | | ug/L | 50.0 | 91% | 49 - 144 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2,4-Trichlorobenzene | ND | 48.6 | | ug/L | 50.0 | 97% | 55 - 135 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,1,2-Trichloroethane | ND | 51.3 | | ug/L | 50.0 | 103% | 77 - 128 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,1,1-Trichloroethane | ND | 57.0 | | ug/L | 50.0 | 114% | 80 - 136 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Trichloroethene | ND | 52.1 | | ug/L | 50.0 | 104% | 57 - 158 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Trichlorofluoromethane | ND | 44.1 | | ug/L | 50.0 | 88% | 68 - 145 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2,3-Trichloropropane | ND | 41.6 | | ug/L | 50.0 | 83% | 55 - 137 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,3,5-Trimethylbenzene | ND | 50.2 | | ug/L | 50.0 | 100% | 78 - 136 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2,4-Trimethylbenzene | ND | 50.6 | | ug/L | 50.0 | 101% | 70 - 143 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Vinyl chloride | ND | 37.7 | | ug/L | 50.0 | 75% | 49 - 156 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| o-Xylene | ND | 56.5 | | ug/L | 50.0 | 113% | 80 - 135 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| m,p-Xylene | ND | 113 | | ug/L | 100 | 113% | 80 - 138 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| Xylenes, total | ND | 170 | | ug/L | 150 | 113% | 80 - 136 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| 1,2-Dichloroethene (total) | ND | 106 | | ug/L | 100 | 106% | 68 - 142 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| *Surrogate: 1,2-Dichloroethane-d4* | | 29.9 | | ug/L | 30.0 | 100% | 60 - 140 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| *Surrogate: Dibromofluoromethane* | | 29.5 | | ug/L | 30.0 | 98% | 75 - 124 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| *Surrogate: Toluene-d8* | | 29.3 | | ug/L | 30.0 | 98% | 78 - 121 | 9011833 | NSA1091-05 | 01/20/09 21:59 |
| *Surrogate: 4-Bromofluorobenzene* | | 26.6 | | ug/L | 30.0 | 88% | 79 - 124 | 9011833 | NSA1091-05 | 01/20/09 21:59 |

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
### Matrix Spike Dup

| Analyte | Orig. Val. | Duplicate | Q | Units | Spike Conc | % Rec. | Target Range | RPD | Limit | Batch | Sample Duplicated | Analyzed Date/Time |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | | | | | | | |
| **9011833-MSD1** | | | | | | | | | | | | |
| Acetone | 2.26 | 244 | | ug/L | 250 | 97% | 55 - 148 | 12 | 29 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Benzene | ND | 52.0 | | ug/L | 50.0 | 104% | 68 - 143 | 4 | 23 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Bromobenzene | ND | 44.7 | | ug/L | 50.0 | 89% | 65 - 140 | 0.5 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Bromochloromethane | ND | 52.8 | | ug/L | 50.0 | 106% | 80 - 137 | 3 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Bromodichloromethane | ND | 54.5 | | ug/L | 50.0 | 109% | 80 - 132 | 3 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Bromoform | ND | 46.6 | | ug/L | 50.0 | 93% | 67 - 123 | 4 | 24 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Bromomethane | ND | 50.8 | | ug/L | 50.0 | 102% | 39 - 166 | 30 | 45 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 2-Butanone | ND | 267 | | ug/L | 250 | 107% | 50 - 154 | 7 | 36 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| sec-Butylbenzene | ND | 52.5 | | ug/L | 50.0 | 105% | 73 - 142 | 1 | 17 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| n-Butylbenzene | ND | 52.7 | | ug/L | 50.0 | 105% | 64 - 147 | 2 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| tert-Butylbenzene | ND | 51.1 | | ug/L | 50.0 | 102% | 70 - 148 | 2 | 17 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Carbon disulfide | ND | 55.5 | | ug/L | 50.0 | 111% | 79 - 147 | 11 | 16 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Carbon Tetrachloride | ND | 57.2 | | ug/L | 50.0 | 114% | 62 - 165 | 5 | 29 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Chlorobenzene | ND | 50.7 | | ug/L | 50.0 | 101% | 67 - 140 | 3 | 27 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Chlorodibromomethane | ND | 49.7 | | ug/L | 50.0 | 99% | 72 - 123 | 2 | 21 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Chloroethane | ND | 56.0 | | ug/L | 50.0 | 112% | 74 - 151 | 26 | 32 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Chloroform | ND | 52.4 | | ug/L | 50.0 | 105% | 59 - 152 | 0.2 | 28 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Chloromethane | ND | 63.0 | R | ug/L | 50.0 | 126% | 33 - 138 | 47 | 21 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 2-Chlorotoluene | ND | 47.6 | | ug/L | 50.0 | 95% | 76 - 134 | 2 | 16 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 4-Chlorotoluene | ND | 48.2 | | ug/L | 50.0 | 96% | 80 - 133 | 0.5 | 17 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2-Dibromo-3-chloropropane | ND | 45.2 | | ug/L | 50.0 | 90% | 60 - 136 | 2 | 29 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2-Dibromoethane (EDB) | ND | 52.1 | | ug/L | 50.0 | 104% | 80 - 132 | 0.5 | 21 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Dibromomethane | ND | 49.1 | | ug/L | 50.0 | 98% | 79 - 131 | 2 | 20 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,4-Dichlorobenzene | ND | 48.8 | | ug/L | 50.0 | 98% | 80 - 126 | 2 | 19 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,3-Dichlorobenzene | ND | 49.8 | | ug/L | 50.0 | 100% | 75 - 132 | 0.4 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2-Dichlorobenzene | ND | 51.0 | | ug/L | 50.0 | 102% | 80 - 130 | 0.4 | 23 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Dichlorodifluoromethane | ND | 68.4 | R | ug/L | 50.0 | 137% | 36 - 146 | 99 | 14 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,1-Dichloroethane | ND | 52.4 | | ug/L | 50.0 | 105% | 76 - 131 | 3 | 15 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2-Dichloroethane | 1.79 | 51.6 | | ug/L | 50.0 | 100% | 53 - 146 | 0.9 | 26 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| cis-1,2-Dichloroethene | ND | 54.5 | | ug/L | 50.0 | 109% | 76 - 141 | 3 | 14 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,1-Dichloroethene | ND | 58.6 | | ug/L | 50.0 | 117% | 63 - 157 | 6 | 26 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| trans-1,2-Dichloroethene | ND | 55.5 | | ug/L | 50.0 | 111% | 78 - 137 | 4 | 14 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,3-Dichloropropane | ND | 48.3 | | ug/L | 50.0 | 97% | 76 - 130 | 2 | 21 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2-Dichloropropane | ND | 49.5 | | ug/L | 50.0 | 99% | 77 - 128 | 7 | 16 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 2,2-Dichloropropane | ND | 55.0 | | ug/L | 50.0 | 110% | 62 - 145 | 3 | 14 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| cis-1,3-Dichloropropene | ND | 52.7 | | ug/L | 50.0 | 105% | 71 - 140 | 1 | 19 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| trans-1,3-Dichloropropene | ND | 47.3 | | ug/L | 50.0 | 95% | 65 - 137 | 3 | 20 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,1-Dichloropropene | ND | 53.9 | | ug/L | 50.0 | 108% | 80 - 136 | 3 | 14 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Ethylbenzene | ND | 53.7 | | ug/L | 50.0 | 107% | 80 - 135 | 4 | 17 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Hexachlorobutadiene | ND | 50.5 | | ug/L | 50.0 | 101% | 48 - 155 | 6 | 34 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 2-Hexanone | ND | 262 | | ug/L | 250 | 105% | 58 - 154 | 3 | 34 | 9011833 | NSA1091-05 | 01/20/09 22:24 |

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162)<br>2923 South Tyron Street, Suite 100<br>Charlotte, NC 28203-5449 | Work Order: | NSA1053 |
| | | Project Name: | Hart & Hickman (NC) |
| | | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## PROJECT QUALITY CONTROL DATA
### Matrix Spike Dup - Cont.

| Analyte | Orig. Val. | Duplicate | Q | Units | Spike Conc | % Rec. | Target Range | RPD | Limit | Batch | Sample Duplicated | Analyzed Date/Time |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA Method 8260B** | | | | | | | | | | | | |
| **9011833-MSD1** | | | | | | | | | | | | |
| Isopropylbenzene | ND | 57.2 | | ug/L | 50.0 | 114% | 80 - 135 | 8 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| p-Isopropyltoluene | ND | 54.6 | | ug/L | 50.0 | 109% | 74 - 139 | 2 | 17 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Methyl tert-Butyl Ether | ND | 52.3 | | ug/L | 50.0 | 105% | 60 - 144 | 1 | 32 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Methylene Chloride | ND | 45.3 | | ug/L | 50.0 | 91% | 64 - 140 | 5 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 4-Methyl-2-pentanone | ND | 268 | | ug/L | 250 | 107% | 55 - 153 | 1 | 31 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Naphthalene | ND | 57.5 | | ug/L | 50.0 | 115% | 50 - 154 | 20 | 39 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| n-Propylbenzene | ND | 49.9 | | ug/L | 50.0 | 100% | 78 - 141 | 1 | 17 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Styrene | ND | 55.2 | | ug/L | 50.0 | 110% | 80 - 139 | 8 | 16 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,1,1,2-Tetrachloroethane | ND | 54.5 | | ug/L | 50.0 | 109% | 75 - 140 | 5 | 17 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,1,2,2-Tetrachloroethane | ND | 45.9 | | ug/L | 50.0 | 92% | 55 - 152 | 2 | 28 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Tetrachloroethene | ND | 54.1 | | ug/L | 50.0 | 108% | 67 - 150 | 0.2 | 27 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Toluene | ND | 51.3 | | ug/L | 50.0 | 103% | 75 - 139 | 3 | 19 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2,3-Trichlorobenzene | ND | 56.8 | | ug/L | 50.0 | 114% | 49 - 144 | 22 | 31 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2,4-Trichlorobenzene | ND | 51.2 | | ug/L | 50.0 | 102% | 55 - 135 | 5 | 26 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,1,2-Trichloroethane | ND | 49.6 | | ug/L | 50.0 | 99% | 77 - 128 | 4 | 21 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,1,1-Trichloroethane | ND | 53.9 | | ug/L | 50.0 | 108% | 80 - 136 | 6 | 16 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Trichloroethene | ND | 55.4 | | ug/L | 50.0 | 111% | 57 - 158 | 6 | 28 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Trichlorofluoromethane | ND | 61.2 | R | ug/L | 50.0 | 122% | 68 - 145 | 33 | 20 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2,3-Trichloropropane | ND | 45.9 | | ug/L | 50.0 | 92% | 55 - 137 | 10 | 26 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,3,5-Trimethylbenzene | ND | 50.0 | | ug/L | 50.0 | 100% | 78 - 136 | 0.4 | 16 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2,4-Trimethylbenzene | ND | 50.3 | | ug/L | 50.0 | 101% | 70 - 143 | 0.5 | 22 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Vinyl chloride | ND | 58.5 | R | ug/L | 50.0 | 117% | 49 - 156 | 43 | 26 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| o-Xylene | ND | 53.8 | | ug/L | 50.0 | 108% | 80 - 135 | 5 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| m,p-Xylene | ND | 110 | | ug/L | 100 | 110% | 80 - 138 | 3 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| Xylenes, total | ND | 164 | | ug/L | 150 | 109% | 80 - 136 | 4 | 18 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| 1,2-Dichloroethene (total) | ND | 110 | | ug/L | 100 | 110% | 68 - 142 | 4 | 12 | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| *Surrogate: 1,2-Dichloroethane-d4* | | 28.0 | | ug/L | 30.0 | 93% | 60 - 140 | | | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| *Surrogate: Dibromofluoromethane* | | 29.4 | | ug/L | 30.0 | 98% | 75 - 124 | | | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| *Surrogate: Toluene-d8* | | 29.1 | | ug/L | 30.0 | 97% | 78 - 121 | | | 9011833 | NSA1091-05 | 01/20/09 22:24 |
| *Surrogate: 4-Bromofluorobenzene* | | 26.7 | | ug/L | 30.0 | 89% | 79 - 124 | | | 9011833 | NSA1091-05 | 01/20/09 22:24 |

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| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162) | Work Order: | NSA1053 |
| | 2923 South Tyron Street, Suite 100 | Project Name: | Hart & Hickman (NC) |
| | Charlotte, NC 28203-5449 | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## CERTIFICATION SUMMARY

**TestAmerica Nashville**

| Method | Matrix | AIHA | Nelac | North Carolina |
|---|---|---|---|---|
| SW846 8260B | Water | N/A | X | X |

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

| | | | |
|---|---|---|---|
| Client | Hart & Hickman (2162) | Work Order: | NSA1053 |
| | 2923 South Tyron Street, Suite 100 | Project Name: | Hart & Hickman (NC) |
| | Charlotte, NC 28203-5449 | Project Number: | BHC-108 / 1600 Camden Rd. |
| Attn | Steve Hart | Received: | 01/16/09 08:00 |

## DATA QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| **R** | The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits. |
| **ND** | Not detected at the reporting limit (or method detection limit if shown) |

## METHOD MODIFICATION NOTES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

# COOLER RECE

NSA105

Cooler Received/Opened On: 1/16/09 @ 8:00

1. Tracking # 0378 (last 4 digits, FedEx)

Courier: Fed-ex ID: 95610068

2. Temperature of rep. sample or temp blank when opened: 1.5 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NA...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

   If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

Cooler Receipt Form.doc

LF-1

End of Form

Revised 9/6/07

# TestAmerica INCORPORATED

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: Hart & Hickman  Client #: 2162
Address: 2923 S. Tryon St.
City/State/Zip Code: Charlotte, NC 28203
Project Manager: Steve Hart
Telephone Number: 704-586-0007  Fax:
Sampler Name: (Print Name) Bo Copleman
Sampler Signature: [signature]

Project Name: 1600 Camden Rd.
Project #: BHC-108
Site/Location ID: Charlotte  State: NC
Report To: bcopleman@hartthickman.com
Invoice To: H&H
Quote #:  PO#:

TAT: ✓ Standard; ___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y (N)
EMAIL

| SAMPLE ID | Date Sampled | Time Sampled | G = Grab, C = Composite | Field Filtered | Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other) | Preservation & # of Containers: $HNO_3$ | HCl | NaOH | $H_2SO_4$ | Methanol | None | Other (Specify) | Analyze For: VOCs 8260 | | | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1 | 1/15/09 | 1105 | G | N | GW | | 3 | | | | | | ✓ | | | | | | | | | | -1 |
| MW-2 | 1/15/09 | 1130 | G | N | GW | | 3 | | | | | | ✓ | | | | | | | | | | -2 |

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____

NSA1053
01/23/09 23:59

Special Instructions:

| | | | | | |
|---|---|---|---|---|---|
| Relinquished By: Bo Copleman | Date: 1/15/09 | Time: | Received By: C. Bonivain | Date: 1/15/09 | Time: 1430 |
| Relinquished By: [signature] | Date: 1/15/09 | Time: 1630 | Received By: | Date: | Time: |
| Relinquished By: | Date: | Time: | Received By: [signature] | Date: 1-16-09 | Time: 0806 |

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 15
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment: