LONGHORN ARMY AMMUNITION PLANT KARNACK, TEXAS

ADMINISTRATIVE RECORD

Volume 12 of 19

2010

Bate Stamp Numbers
00091773 – 00092751

Prepared for

Department of the Army
Longhorn Army Ammunition Plant

1976 – 2010

LONGHORN ARMY AMMUNITION PLANT
KARNACK, TEXAS
ADMINISTRATIVE RECORD – CHRONOLOGICAL INDEX

VOLUME 12 of 19

2010

A. Title: Report – (Continued) Final Feasibility Study, LHAAP-29, Former TNT Production Area, Group 2, Longhorn Army Ammunition Plant, Karnack, Texas, April 2010
Author(s): US Army Corps of Engineers
Recipient: USEPA
Date: April 30, 2010
Bate Stamp: 00091773 – 00092751

KEMRON ENVIRONMENTAL SERVICES

156 Starlite Drive, Marietta, OH 45750 * TEL 740-373-4071 * FAX 740-373-4835 * http://www.kemron.com

00091773

Laboratory Report Number: L0609540

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact our team member noted in the Reviewed box below at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

Debra Elliott - Team Leader
delliott@kemron-lab.com

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afickiesen@kemron-lab.com

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smossburg@kemron-lab.com

Kathy Albertson - Team Chemist/Data Specialist
kalbertson@kemron-lab.com

This report was reviewed on 12-OCT-06.

Stephanie Mossburg

STEPHANIE MOSSBURG

I certify that all test results meet all of the requirments of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on an 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on 12-OCT-06.

David E. Vandenberg

DAVID VANDENBERG

FL DOH NELAP ID: E8755

This report contains a total of 592 pages.

Protecting Our Environmental Future

Laboratory Data Package Cover Page

00091774

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

MAREN M. BEERY	Maren Beery		September 25, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	7471
Prep Batch Number(s):	WG223169
Reviewer Name:	MAREN M. BEERY
LRC Date:	September 25, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?		✓			ER1
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?			✓		
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <RL?	✓				
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	✓				
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	7471
Prep Batch Number(s):	WG223169
Reviewer Name:	MAREN M. BEERY
LRC Date:	September 25, 2006

EXCEPTIONS REPORT
ER#1 - Mercury for client sample 09 yielded a result which exceeded the linear range upon initial analysis. The sample was reanalyzed at a dilution for mercury.
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091779

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

- a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) Cleanup methods, and
- e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

- a) Calculated recovery (%R) for each analyte, and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

- a) LCS spiking amount,
- b) Calculated %R for each analyte, and
- c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %R and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

LESLIE S. BUCINA		Metals Supervisor	September 28, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	7471
Prep Batch Number(s):	WG223379
Reviewer Name:	LESLIE S. BUCINA
LRC Date:	September 28, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?			✓		
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <RL?	✓				
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	✓				
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	7471
Prep Batch Number(s):	WG223379
Reviewer Name:	LESLIE S. BUCINA
LRC Date:	September 28, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091784

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

LESLIE S. BUCINA	Leslie Bucina	Metals Supervisor	September 29, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	6010
Prep Batch Number(s):	WG609540
Reviewer Name:	LESLIE S. BUCINA
LRC Date:	September 29, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?			✓		
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?			✓		
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <RL?	✓				
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?	✓				
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	✓				
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	6010
Prep Batch Number(s):	WG609540
Reviewer Name:	LESLIE S. BUCINA
LRC Date:	September 29, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091789

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

- a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) Cleanup methods, and
- e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

- a) Calculated recovery (%R) for each analyte, and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

- a) LCS spiking amount,
- b) Calculated %R for each analyte, and
- c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %R and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

LESLIE S. BUCINA		Metals Supervisor	October 2, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

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KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	6010
Prep Batch Number(s):	WG223450
Reviewer Name:	LESLIE S. BUCINA
LRC Date:	October 02, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?			✓		
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?			✓		
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <RL?	✓				
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?	✓				
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	✓				
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	6010
Prep Batch Number(s):	WG223450
Reviewer Name:	LESLIE S. BUCINA
LRC Date:	October 02, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091794

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

LESLIE S. BUCINA		Metals Supervisor	October 2, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

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KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	6020
Prep Batch Number(s):	WG223683
Reviewer Name:	LESLIE S. BUCINA
LRC Date:	October 02, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?			✓		
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <RL?	✓				
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?	✓				
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	✓				
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	6020
Prep Batch Number(s):	WG223683
Reviewer Name:	LESLIE S. BUCINA
LRC Date:	October 02, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091799

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

DEANNA I. HESSON	Deanna Hesson	Conventional Lab Supervisor	October 3, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

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KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	PCTSOLIDS
Prep Batch Number(s):	WG223380, WG223387, WG223660
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 03, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?			✓		
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?			✓		
Were sample quantitation limits reported for all analytes not detected?			✓		
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?			✓		
Were blanks analyzed at the appropriate frequency?			✓		
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?			✓		
Were blank concentrations <MQL?			✓		
Laboratory control samples (LCS):					
Were all COCs included in the LCS?			✓		
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?			✓		
Were LCSs analyzed at the required frequency?			✓		
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?			✓		
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?			✓		
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?	✓				
Were analytical duplicates analyzed at the appropriate frequency?	✓				
Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?			✓		
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			✓		
Are unadjusted MQLs included in the laboratory data package?			✓		
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?			✓		
Were response factors and/or relative response factors for each analyte within QC limits?			✓		
Were percent RSDs or correlation coefficient criteria met?			✓		
Was the number of standards recommended in the method used for all analytes?			✓		
Were all points generated between the lowest and highest standard used to calculate the curve?			✓		
Are ICAL data available for all instruments used?			✓		
Has the initial calibration curve been verified using an appropriate second source standard?			✓		
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?			✓		
Were percent differences for each analyte within the method-required QC limits?			✓		
Was the ICAL curve verified for each analyte?			✓		
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?			✓		
Is the MDL either adjusted or supported by the analysis of DCSs?			✓		
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?			✓		
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?			✓		
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	PCTSOLIDS
Prep Batch Number(s):	WG223380, WG223387, WG223660
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 03, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091804

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

MAREN M. BEERY	Maren Beery		October 3, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	6010
Prep Batch Number(s):	WG223251
Reviewer Name:	MAREN M. BEERY
LRC Date:	October 03, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?			✓		
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?			✓		
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <RL?	✓				
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?	✓				
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	✓				
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	6010
Prep Batch Number(s):	WG223251
Reviewer Name:	MAREN M. BEERY
LRC Date:	October 03, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091809

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

MICHAEL D. COCHRAN		Semivolatiles Lab Supervisor	October 4, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	8330
Prep Batch Number(s):	WG223240
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 04, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?	✓				
Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		✓			1
Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		

00091811

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	8330
Prep Batch Number(s):	WG223240
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 04, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?			✓		
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?		✓			2
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		

Checklist ID: **10771**

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	8330
Prep Batch Number(s):	WG223240
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 04, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	8330
Prep Batch Number(s):	WG223240
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 04, 2006

EXCEPTIONS REPORT
ER# - Description
1. The LCS yielded a recovery for 2,6-dinitrotoluene that was above the upper acceptance limit.
2. The CCV analyzed on 9/29/06 at 13:18 yielded a %D for tetryl that was beyond the acceptance limit.

Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091815

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

MICHAEL D. COCHRAN		Semivolatiles Lab Supervisor	October 10, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	T1005
Prep Batch Number(s):	WG223381
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 10, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?	✓				
Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?	✓				
Were MS/MSD analyzed at the appropriate frequency?	✓				
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?	✓				

00091817

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	T1005
Prep Batch Number(s):	WG223381
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 10, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?			✓		
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	T1005
Prep Batch Number(s):	WG223381
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 10, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	T1005
Prep Batch Number(s):	WG223381
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 10, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091821

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

✓R5 Test reports/summary forms for blank samples;

✓R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

✓R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

✓R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

DEANNA I. HESSON	Deanna Hesson	Conventional Lab Supervisor	October 9, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG223310
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 09, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?	✓				
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?	✓				
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?	✓				
Were MS/MSD analyzed at the appropriate frequency?	✓				
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?	✓				
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?	✓				
Were analytical duplicates analyzed at the appropriate frequency?	✓				
Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?	✓				
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?	✓				
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:			✓		
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG223310
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 09, 2006

EXCEPTIONS REPORT
ER# - Description
Several samples were diluted to reduce matrix interference. The reporting limits are elevated accordingly.
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00091826

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

✓R1 Field chain-of-custody documentation;

✓R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

✓R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

✓R5 Test reports/summary forms for blank samples;

✓R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

✓R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

✓R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

✓R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

✓R10 Other problems or anomalies.

✓The exception Report for every "No" or "Not Reviewed (NR)" item IN laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [✓] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

MIKE D. ALBERTSON		Volatiles Lab Supervisor	October 11, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609540
Project Name:	798-LONGHORN
Method:	8260B
Prep Batch Number(s):	WG223778, WG223798, WG223575, WG223697
Reviewer Name:	MIKE D. ALBERTSON
LRC Date:	October 11, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?		✓			2
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?	✓				
Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		✓			1
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?	✓				
Were MS/MSD analyzed at the appropriate frequency?	✓				
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		✓			3

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?		✓			
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?	✓				
Were ion abundance data within the method-required QC limits?	✓				
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?	✓				
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?	✓				
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

EXCEPTIONS REPORT

ER# - Description

1: Chloromethane and vinyl chloride exceeded the upper advisory limits in the soil LCS analyzed 09/28/06 on HPMS-9. Chloromethane exceeded the upper advisory limit in the soil LCS analyzed 09/29/06 on HPMS-9.

2: Due to the amount of methylene chloride in sample 27, the laboratory was unable to obtain a result for trichloroethene within the calibrated range of the instrument.

3: Multiple recovery results were outside advisory limits.

4: Multiple RPD results were outside advisory limits.

Footnotes:

(1) NA = Not applicable to method or project

(2) NR = Not reviewed

(3) ER# = Exception report number

LABORATORY REPORT

L0609540 00091830

10/11/06 09:04

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: Shaw E & I, Inc.
ABB Lummus Biulding
3010 Briarpark
Houston, TX 77042
Attention: Diane Mever

Account Number: 2773
Work ID: LHAAP

P.O. Number: 200328

Sample Summary

Client ID	QC Type	Lab ID	Date Collected	Date Received
35-SMP066-SB01-02		L0609540-01	20-SEP-06	22-SEP-06
35-SMP034-SB01-02		L0609540-02	20-SEP-06	22-SEP-06
35-SMP034-SB02-02		L0609540-03	20-SEP-06	22-SEP-06
35-SMP113-SB01-02		L0609540-04	20-SEP-06	22-SEP-06
35-SMP113-SB02-02		L0609540-05	20-SEP-06	22-SEP-06
35-SMP111-SB01-01		L0609540-06	20-SEP-06	22-SEP-06
35-SMP111-SB01-02		L0609540-07	20-SEP-06	22-SEP-06
35-SMP073-SB01-01		L0609540-08	21-SEP-06	22-SEP-06
35-SMP073-SB01-02		L0609540-09	21-SEP-06	22-SEP-06
35-SMP073-SB02-01		L0609540-10	21-SEP-06	22-SEP-06
35-SMP073-SB02-02		L0609540-11	21-SEP-06	22-SEP-06
35-SMP074-SB01-01		L0609540-12	21-SEP-06	22-SEP-06
35-SMP074-SB01-02		L0609540-13	21-SEP-06	22-SEP-06
35-SMP074-SB01-02	MS	L0609540-14	21-SEP-06	22-SEP-06
35-SMP074-SB01-02	MSD	L0609540-15	21-SEP-06	22-SEP-06
35-SMP074-SB01-02-QC		L0609540-16	21-SEP-06	22-SEP-06
35-SMP074-SB02-01		L0609540-17	21-SEP-06	22-SEP-06
35-SMP074-SB02-02		L0609540-18	21-SEP-06	22-SEP-06
35-SMP075-SB01-01		L0609540-19	21-SEP-06	22-SEP-06
35-SMP075-SB01-02		L0609540-20	21-SEP-06	22-SEP-06
35-SMP087-SB01-01		L0609540-21	21-SEP-06	22-SEP-06
35-SMP087-SB01-02		L0609540-22	21-SEP-06	22-SEP-06
35-SMP087-SB02-01		L0609540-23	21-SEP-06	22-SEP-06
35-SMP087-SB02-02		L0609540-24	21-SEP-06	22-SEP-06
35-SMP084-SB01-01		L0609540-25	21-SEP-06	22-SEP-06
35-SMP084-SB01-02		L0609540-26	21-SEP-06	22-SEP-06
29WW16		L0609540-27	21-SEP-06	22-SEP-06
TB		L0609540-28	21-SEP-06	22-SEP-06

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091831

Sample Number: **L0609540-01**
Client ID: **35-SMP066-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/20/2006 16:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **1**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 17:40**
Cal Date:
Run Date: **10/06/2006 17:40**
File ID: **I1100606.16**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	10.0	5.00

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-01**
Client ID: **35-SMP066-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 16:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 15:47**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 15:47**
File ID: **9M49000**
Percent Solid: **83.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	9.91	4.95
Benzene	71-43-2		U	4.95	0.495
Bromobenzene	108-86-1		U	4.95	0.495
Bromochloromethane	74-97-5		U	4.95	0.495
Bromodichloromethane	75-27-4		U	4.95	0.495
Bromoform	75-25-2		U	4.95	0.495
Bromomethane	74-83-9		U	9.91	0.991
2-Butanone	78-93-3		U	9.91	2.48
n-Butylbenzene	104-51-8		U	4.95	0.495
sec-Butylbenzene	135-98-8		U	4.95	0.495
tert-Butylbenzene	98-06-6		U	4.95	0.495
Carbon disulfide	75-15-0		U	4.95	0.495
Carbon tetrachloride	56-23-5		U	4.95	0.495
Chlorobenzene	108-90-7		U	4.95	0.495
Chlorodibromomethane	124-48-1		U	4.95	0.495
Chloroethane	75-00-3		U	9.91	0.991
2-Chloroethyl vinyl ether	110-75-8		U	9.91	1.98
Chloroform	67-66-3		U	4.95	0.495
Chloromethane	74-87-3		U	9.91	1.98
2-Chlorotoluene	95-49-8		U	4.95	0.495
4-Chlorotoluene	106-43-4		U	4.95	0.495
1,2-Dibromo-3-chloropropane	96-12-8		U	4.95	1.98
1,2-Dibromoethane	106-93-4		U	4.95	0.495
Dibromomethane	74-95-3		U	4.95	0.495
1,2-Dichlorobenzene	95-50-1		U	4.95	0.495
1,3-Dichlorobenzene	541-73-1		U	4.95	0.495
1,4-Dichlorobenzene	106-46-7		U	4.95	0.495
Dichlorodifluoromethane	75-71-8		U	9.91	0.991
1,1-Dichloroethane	75-34-3		U	4.95	0.991
1,2-Dichloroethane	107-06-2		U	4.95	0.495
1,1-Dichloroethene	75-35-4		U	4.95	0.495
cis-1,2-Dichloroethene	156-59-2		U	4.95	0.495
trans-1,2-Dichloroethene	156-60-5		U	4.95	0.495
1,2-Dichloropropane	78-87-5		U	4.95	0.495
1,3-Dichloropropane	142-28-9		U	4.95	0.495

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091832

Sample Number: **L0609540-01**
Client ID: **35-SMP066-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 16:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 15:47**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 15:47**
File ID: **9M49000**
Percent Solid: **83.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2,2-Dichloropropane	594-20-7		U	4.95	0.495
cis-1,3-Dichloropropene	10061-01-5		U	4.95	0.495
trans-1,3-Dichloropropene	10061-02-6		U	4.95	0.495
1,1-Dichloropropene	563-58-6		U	4.95	0.495
Ethylbenzene	100-41-4		U	4.95	0.495
2-Hexanone	591-78-6		U	9.91	2.48
Hexachlorobutadiene	87-68-3		U	4.95	0.495
Isopropylbenzene	98-82-8		U	4.95	0.495
p-Isopropyltoluene	99-87-6		U	4.95	0.495
4-Methyl-2-pentanone	108-10-1		U	9.91	2.48
Methylene chloride	75-09-2	2.20	J	4.95	0.991
Naphthalene	91-20-3		U	9.91	0.495
n-Propylbenzene	103-65-1		U	4.95	0.495
Styrene	100-42-5		U	4.95	0.495
1,1,1,2-Tetrachloroethane	630-20-6		U	4.95	0.495
1,1,2,2-Tetrachloroethane	79-34-5		U	4.95	0.495
Tetrachloroethene	127-18-4		U	4.95	0.495
Toluene	108-88-3		U	4.95	0.495
1,2,3-Trichlorobenzene	87-61-6		U	4.95	0.495
1,2,4-Trichlorobenzene	120-82-1		U	4.95	0.495
1,1,1-Trichloroethane	71-55-6		U	4.95	0.495
1,1,2-Trichloroethane	79-00-5		U	4.95	0.495
Trichloroethene	79-01-6		U	4.95	0.495
Trichlorofluoromethane	75-69-4		U	9.91	0.991
1,2,3-Trichloropropane	96-18-4		U	4.95	0.991
1,2,4-Trimethylbenzene	95-63-6		U	4.95	0.495
1,3,5-Trimethylbenzene	108-67-8		U	4.95	0.495
Vinyl acetate	108-05-4		U	9.91	0.991
Vinyl chloride	75-01-4		U	9.91	0.991
o-Xylene	95-47-6		U	4.95	0.495
m-,p-Xylene	136777-61-2		U	4.95	0.495

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.8	80	120	
1,2-Dichloroethane-d4	102	80	120	
Toluene-d8	95.4	81	117	
4-Bromofluorobenzene	92.1	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091833

Sample Number: **L0609540-01**
Client ID: **35-SMP066-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223660**
Collect Date: **09/20/2006 16:00**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMM**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/28/2006 17:45**
Cal Date:
Run Date: **09/28/2006 17:45**
File ID: **OV.0609281745-02**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	83.0		1.00	1.00

Sample Number: **L0609540-02**
Client ID: **35-SMP034-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/20/2006 14:45**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **5**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 18:38**
File ID: **IR.092806.183800**
Percent Solid: **81.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Iron, Total	7439-89-6	33100		8.81	4.41

Sample Number: **L0609540-02**
Client ID: **35-SMP034-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/20/2006 14:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 18:32**
File ID: **IR.092806.183200**
Percent Solid: **81.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	16800		17.6	8.81
Silver, Total	7440-22-4		U	1.76	0.220
Barium, Total	7440-39-3	88.8		0.441	0.0881
Beryllium, Total	7440-41-7	0.826		0.441	0.0106
Calcium, Total	7440-70-2	1890		8.81	4.41
Cadmium, Total	7440-43-9	0.179	J	0.441	0.0441
Cobalt, Total	7440-48-4	5.42		0.881	0.106
Chromium, Total	7440-47-3	24.2		0.881	0.106
Copper, Total	7440-50-8	10.7		0.881	0.441
Potassium, Total	7440-09-7	694		44.1	22.0
Magnesium, Total	7439-95-4	1710		22.0	10.6
Manganese, Total	7439-96-5	101		0.441	0.0881
Sodium, Total	7440-23-5	29.0		22.0	4.41
Nickel, Total	7440-02-0	12.1		1.76	0.441
Vanadium, Total	7440-62-2	41.1		0.441	0.220
Zinc, Total	7440-66-6	45.8		0.881	0.441

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-02**
Client ID: **35-SMP034-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/20/2006 14:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 11:09**
File ID: **EL.092906.110943**
Percent Solid: **81.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	1.54		0.367	0.0918
Lead, Total	7439-92-1	9.23		0.245	0.122
Antimony, Total	7440-36-0		U	0.122	0.0612
Selenium, Total	7782-49-2	0.307		0.245	0.122
Thallium, Total	7440-28-0	0.0987		0.0245	0.0122

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-02**
Client ID: **35-SMP034-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223272**
Collect Date: **09/20/2006 14:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/23/2006 12:30**
Cal Date: **09/25/2006 15:40**
Run Date: **09/25/2006 15:57**
File ID: **HY.092506.155742**
Percent Solid: **81.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0319	J	0.289	0.0116

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-02**
Client ID: **35-SMP034-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 14:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 16:19**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 16:19**
File ID: **9M49001**
Percent Solid: **81.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	13.8	6.89
Benzene	71-43-2		U	6.89	0.689
Bromobenzene	108-86-1		U	6.89	0.689
Bromochloromethane	74-97-5		U	6.89	0.689
Bromodichloromethane	75-27-4		U	6.89	0.689
Bromoform	75-25-2		U	6.89	0.689
Bromomethane	74-83-9		U	13.8	1.38
2-Butanone	78-93-3		U	13.8	3.44
n-Butylbenzene	104-51-8		U	6.89	0.689
sec-Butylbenzene	135-98-8		U	6.89	0.689
tert-Butylbenzene	98-06-6		U	6.89	0.689
Carbon disulfide	75-15-0		U	6.89	0.689
Carbon tetrachloride	56-23-5		U	6.89	0.689
Chlorobenzene	108-90-7		U	6.89	0.689
Chlorodibromomethane	124-48-1		U	6.89	0.689
Chloroethane	75-00-3		U	13.8	1.38
2-Chloroethyl vinyl ether	110-75-8		U	13.8	2.75
Chloroform	67-66-3		U	6.89	0.689
Chloromethane	74-87-3		U	13.8	2.75

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091835

Sample Number: **L0609540-02**
Client ID: **35-SMP034-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 14:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 16:19**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 16:19**
File ID: **9M49001**
Percent Solid: **81.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2-Chlorotoluene	95-49-8		U	6.89	0.689
4-Chlorotoluene	106-43-4		U	6.89	0.689
1,2-Dibromo-3-chloropropane	96-12-8		U	6.89	2.75
1,2-Dibromoethane	106-93-4		U	6.89	0.689
Dibromomethane	74-95-3		U	6.89	0.689
1,2-Dichlorobenzene	95-50-1		U	6.89	0.689
1,3-Dichlorobenzene	541-73-1		U	6.89	0.689
1,4-Dichlorobenzene	106-46-7		U	6.89	0.689
Dichlorodifluoromethane	75-71-8		U	13.8	1.38
1,1-Dichloroethane	75-34-3		U	6.89	1.38
1,2-Dichloroethane	107-06-2		U	6.89	0.689
1,1-Dichloroethene	75-35-4		U	6.89	0.689
cis-1,2-Dichloroethene	156-59-2		U	6.89	0.689
trans-1,2-Dichloroethene	156-60-5		U	6.89	0.689
1,2-Dichloropropane	78-87-5		U	6.89	0.689
1,3-Dichloropropane	142-28-9		U	6.89	0.689
2,2-Dichloropropane	594-20-7		U	6.89	0.689
cis-1,3-Dichloropropene	10061-01-5		U	6.89	0.689
trans-1,3-Dichloropropene	10061-02-6		U	6.89	0.689
1,1-Dichloropropene	563-58-6		U	6.89	0.689
Ethylbenzene	100-41-4		U	6.89	0.689
2-Hexanone	591-78-6		U	13.8	3.44
Hexachlorobutadiene	87-68-3		U	6.89	0.689
Isopropylbenzene	98-82-8		U	6.89	0.689
p-Isopropyltoluene	99-87-6		U	6.89	0.689
4-Methyl-2-pentanone	108-10-1		U	13.8	3.44
Methylene chloride	75-09-2	3.60	J	6.89	1.38
Naphthalene	91-20-3		U	13.8	0.689
n-Propylbenzene	103-65-1		U	6.89	0.689
Styrene	100-42-5		U	6.89	0.689
1,1,1,2-Tetrachloroethane	630-20-6		U	6.89	0.689
1,1,2,2-Tetrachloroethane	79-34-5		U	6.89	0.689
Tetrachloroethene	127-18-4		U	6.89	0.689
Toluene	108-88-3		U	6.89	0.689
1,2,3-Trichlorobenzene	87-61-6		U	6.89	0.689
1,2,4-Trichlorobenzene	120-82-1		U	6.89	0.689
1,1,1-Trichloroethane	71-55-6		U	6.89	0.689
1,1,2-Trichloroethane	79-00-5		U	6.89	0.689
Trichloroethene	79-01-6		U	6.89	0.689
Trichlorofluoromethane	75-69-4		U	13.8	1.38
1,2,3-Trichloropropane	96-18-4		U	6.89	1.38
1,2,4-Trimethylbenzene	95-63-6		U	6.89	0.689
1,3,5-Trimethylbenzene	108-67-8		U	6.89	0.689
Vinyl acetate	108-05-4		U	13.8	1.38
Vinyl chloride	75-01-4		U	13.8	1.38
o-Xylene	95-47-6		U	6.89	0.689
m-,p-Xylene	136777-61-2		U	6.89	0.689

Sample Number: **L0609540-02**
Client ID: **35-SMP034-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 14:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 16:19**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 16:19**
File ID: **9M49001**
Percent Solid: **81.0**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	95.9	80	120	
1,2-Dichloroethane-d4	105	80	120	
Toluene-d8	97.5	81	117	
4-Bromofluorobenzene	93.5	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-02**
Client ID: **35-SMP034-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223729**
Collect Date: **09/20/2006 14:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **09/26/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **09/29/2006 17:57**
File ID: **4L009257.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trinitrobenzene	99-35-4		U	0.249	0.0995
1,3-Dinitrobenzene	99-65-0		U	0.249	0.0995
2,4,6-Trinitrotoluene	118-96-7		U	0.249	0.0995
2,4-Dinitrotoluene	121-14-2		U	0.249	0.0995
2,6-Dinitrotoluene	606-20-2		U	0.259	0.0995
2-Amino-4,6-dinitrotoluene	35572-78-2		U	0.259	0.0995
2-Nitrotoluene	88-72-2		U	0.249	0.0995
3-Nitrotoluene	99-08-1		U	0.249	0.0995
4-Nitrotoluene	99-99-0		U	0.249	0.0995
4-Amino-2,6-dinitrotoluene	19406-51-0		U	0.259	0.0995
HMX	2691-41-0		U	2.19	0.0995
Nitrobenzene	98-95-3		U	0.259	0.129
RDX	121-82-4		U	0.995	0.0995
Tetryl	479-45-8		U	0.647	0.199

Surrogate	% Recovery	Lower	Upper	Qual
3,4-Dinitrotoluene	100	50	150	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-02**
Client ID: **35-SMP034-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/20/2006 14:45**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-12**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	81.0		1.00	1.00

Sample Number: **L0609540-03**
Client ID: **35-SMP034-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/20/2006 14:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 18:56**
File ID: **IR.092806.185600**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	10700		16.5	8.27
Silver, Total	7440-22-4		U	1.65	0.207
Barium, Total	7440-39-3	716		0.413	0.0827
Beryllium, Total	7440-41-7	0.512		0.413	0.00992
Calcium, Total	7440-70-2	3420		8.27	4.13
Cadmium, Total	7440-43-9	0.941		0.413	0.0413
Cobalt, Total	7440-48-4	4.05		0.827	0.0992
Chromium, Total	7440-47-3	19.9		0.827	0.0992
Copper, Total	7440-50-8	11.9		0.827	0.413
Iron, Total	7439-89-6	21500		1.65	0.827
Potassium, Total	7440-09-7	453		41.3	20.7
Magnesium, Total	7439-95-4	1160		20.7	9.92
Manganese, Total	7439-96-5	135		0.413	0.0827
Sodium, Total	7440-23-5	45.9		20.7	4.13
Nickel, Total	7440-02-0	7.01		1.65	0.413
Vanadium, Total	7440-62-2	35.9		0.413	0.207
Zinc, Total	7440-66-6	200		0.827	0.413

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-03**
Client ID: **35-SMP034-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/20/2006 14:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 11:15**
File ID: **EL.092906.111548**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	5.00		0.355	0.0887
Antimony, Total	7440-36-0		U	0.118	0.0591
Selenium, Total	7782-49-2	0.274		0.236	0.118
Thallium, Total	7440-28-0	0.0603		0.0236	0.0118

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-03**
Client ID: **35-SMP034-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/20/2006 14:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **5**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 13:45**
File ID: **EL.092906.134507**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Lead, Total	7439-92-1	76.8		1.18	0.591

Sample Number: **L0609540-03**
Client ID: **35-SMP034-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223272**
Collect Date: **09/20/2006 14:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/23/2006 12:30**
Cal Date: **09/25/2006 15:34**
Run Date: **09/25/2006 16:06**
File ID: **HY.092506.160646**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.231	J	0.281	0.0112

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-03**
Client ID: **35-SMP034-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 14:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 16:51**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 16:51**
File ID: **9M49002**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	11.5	5.77
Benzene	71-43-2		U	5.77	0.577
Bromobenzene	108-86-1		U	5.77	0.577
Bromochloromethane	74-97-5		U	5.77	0.577
Bromodichloromethane	75-27-4		U	5.77	0.577
Bromoform	75-25-2		U	5.77	0.577
Bromomethane	74-83-9		U	11.5	1.15
2-Butanone	78-93-3		U	11.5	2.89
n-Butylbenzene	104-51-8		U	5.77	0.577
sec-Butylbenzene	135-98-8		U	5.77	0.577
tert-Butylbenzene	98-06-6		U	5.77	0.577
Carbon disulfide	75-15-0		U	5.77	0.577
Carbon tetrachloride	56-23-5		U	5.77	0.577
Chlorobenzene	108-90-7		U	5.77	0.577
Chlorodibromomethane	124-48-1		U	5.77	0.577
Chloroethane	75-00-3		U	11.5	1.15
2-Chloroethyl vinyl ether	110-75-8		U	11.5	2.31
Chloroform	67-66-3		U	5.77	0.577
Chloromethane	74-87-3		U	11.5	2.31
2-Chlorotoluene	95-49-8		U	5.77	0.577
4-Chlorotoluene	106-43-4		U	5.77	0.577
1,2-Dibromo-3-chloropropane	96-12-8		U	5.77	2.31
1,2-Dibromoethane	106-93-4		U	5.77	0.577
Dibromomethane	74-95-3		U	5.77	0.577
1,2-Dichlorobenzene	95-50-1		U	5.77	0.577
1,3-Dichlorobenzene	541-73-1		U	5.77	0.577
1,4-Dichlorobenzene	106-46-7		U	5.77	0.577
Dichlorodifluoromethane	75-71-8		U	11.5	1.15
1,1-Dichloroethane	75-34-3		U	5.77	1.15
1,2-Dichloroethane	107-06-2		U	5.77	0.577
1,1-Dichloroethene	75-35-4		U	5.77	0.577
cis-1,2-Dichloroethene	156-59-2		U	5.77	0.577
trans-1,2-Dichloroethene	156-60-5		U	5.77	0.577
1,2-Dichloropropane	78-87-5		U	5.77	0.577

Report Number: **L0609540**
Report Date : **October 11, 2006**

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Sample Number: **L0609540-03**
Client ID: **35-SMP034-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 14:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 16:51**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 16:51**
File ID: **9M49002**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3-Dichloropropane	142-28-9		U	5.77	0.577
2,2-Dichloropropane	594-20-7		U	5.77	0.577
cis-1,3-Dichloropropene	10061-01-5		U	5.77	0.577
trans-1,3-Dichloropropene	10061-02-6		U	5.77	0.577
1,1-Dichloropropene	563-58-6		U	5.77	0.577
Ethylbenzene	100-41-4		U	5.77	0.577
2-Hexanone	591-78-6		U	11.5	2.89
Hexachlorobutadiene	87-68-3		U	5.77	0.577
Isopropylbenzene	98-82-8		U	5.77	0.577
p-Isopropyltoluene	99-87-6		U	5.77	0.577
4-Methyl-2-pentanone	108-10-1		U	11.5	2.89
Methylene chloride	75-09-2	1.50	J	5.77	1.15
Naphthalene	91-20-3		U	11.5	0.577
n-Propylbenzene	103-65-1		U	5.77	0.577
Styrene	100-42-5		U	5.77	0.577
1,1,1,2-Tetrachloroethane	630-20-6		U	5.77	0.577
1,1,2,2-Tetrachloroethane	79-34-5		U	5.77	0.577
Tetrachloroethene	127-18-4		U	5.77	0.577
Toluene	108-88-3		U	5.77	0.577
1,2,3-Trichlorobenzene	87-61-6		U	5.77	0.577
1,2,4-Trichlorobenzene	120-82-1		U	5.77	0.577
1,1,1-Trichloroethane	71-55-6		U	5.77	0.577
1,1,2-Trichloroethane	79-00-5		U	5.77	0.577
Trichloroethene	79-01-6		U	5.77	0.577
Trichlorofluoromethane	75-69-4		U	11.5	1.15
1,2,3-Trichloropropane	96-18-4		U	5.77	1.15
1,2,4-Trimethylbenzene	95-63-6		U	5.77	0.577
1,3,5-Trimethylbenzene	108-67-8		U	5.77	0.577
Vinyl acetate	108-05-4		U	11.5	1.15
Vinyl chloride	75-01-4		U	11.5	1.15
o-Xylene	95-47-6		U	5.77	0.577
m-,p-Xylene	136777-61-2		U	5.77	0.577

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.5	80	120	
1,2-Dichloroethane-d4	107	80	120	
Toluene-d8	97.0	81	117	
4-Bromofluorobenzene	95.8	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-03**
Client ID: **35-SMP034-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223729**
Collect Date: **09/20/2006 14:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **09/26/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **09/29/2006 18:35**
File ID: **4L009258.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trinitrobenzene	99-35-4		U	0.248	0.0990
1,3-Dinitrobenzene	99-65-0		U	0.248	0.0990
2,4,6-Trinitrotoluene	118-96-7		U	0.248	0.0990
2,4-Dinitrotoluene	121-14-2		U	0.248	0.0990
2,6-Dinitrotoluene	606-20-2		U	0.257	0.0990
2-Amino-4,6-dinitrotoluene	35572-78-2		U	0.257	0.0990
2-Nitrotoluene	88-72-2		U	0.248	0.0990
3-Nitrotoluene	99-08-1		U	0.248	0.0990
4-Nitrotoluene	99-99-0		U	0.248	0.0990
4-Amino-2,6-dinitrotoluene	19406-51-0		U	0.257	0.0990
HMX	2691-41-0		U	2.18	0.0990
Nitrobenzene	98-95-3		U	0.257	0.129
RDX	121-82-4		U	0.990	0.0990
Tetryl	479-45-8		U	0.644	0.198

Surrogate	% Recovery	Lower	Upper	Qual
3,4-Dinitrotoluene	101	50	150	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-03**
Client ID: **35-SMP034-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/20/2006 14:40**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-13**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	84.6		1.00	1.00

Sample Number: **L0609540-04**
Client ID: **35-SMP113-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 13:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 17:23**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 17:23**
File ID: **9M49003**
Percent Solid: **86.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	11.0	5.52
Benzene	71-43-2		U	5.52	0.552
Bromobenzene	108-86-1		U	5.52	0.552
Bromochloromethane	74-97-5		U	5.52	0.552
Bromodichloromethane	75-27-4		U	5.52	0.552
Bromoform	75-25-2		U	5.52	0.552
Bromomethane	74-83-9		U	11.0	1.10
2-Butanone	78-93-3		U	11.0	2.76

Report Number: **L0609540**
Report Date : **October 11, 2006**

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Sample Number: **L0609540-04**
Client ID: **35-SMP113-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 13:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 17:23**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 17:23**
File ID: **9M49003**
Percent Solid: **86.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
n-Butylbenzene	104-51-8		U	5.52	0.552
sec-Butylbenzene	135-98-8		U	5.52	0.552
tert-Butylbenzene	98-06-6		U	5.52	0.552
Carbon disulfide	75-15-0		U	5.52	0.552
Carbon tetrachloride	56-23-5		U	5.52	0.552
Chlorobenzene	108-90-7		U	5.52	0.552
Chlorodibromomethane	124-48-1		U	5.52	0.552
Chloroethane	75-00-3		U	11.0	1.10
2-Chloroethyl vinyl ether	110-75-8		U	11.0	2.21
Chloroform	67-66-3		U	5.52	0.552
Chloromethane	74-87-3		U	11.0	2.21
2-Chlorotoluene	95-49-8		U	5.52	0.552
4-Chlorotoluene	106-43-4		U	5.52	0.552
1,2-Dibromo-3-chloropropane	96-12-8		U	5.52	2.21
1,2-Dibromoethane	106-93-4		U	5.52	0.552
Dibromomethane	74-95-3		U	5.52	0.552
1,2-Dichlorobenzene	95-50-1		U	5.52	0.552
1,3-Dichlorobenzene	541-73-1		U	5.52	0.552
1,4-Dichlorobenzene	106-46-7		U	5.52	0.552
Dichlorodifluoromethane	75-71-8		U	11.0	1.10
1,1-Dichloroethane	75-34-3	3.95	J	5.52	1.10
1,2-Dichloroethane	107-06-2		U	5.52	0.552
1,1-Dichloroethene	75-35-4	2.70	J	5.52	0.552
cis-1,2-Dichloroethene	156-59-2	8.00		5.52	0.552
trans-1,2-Dichloroethene	156-60-5		U	5.52	0.552
1,2-Dichloropropane	78-87-5		U	5.52	0.552
1,3-Dichloropropane	142-28-9		U	5.52	0.552
2,2-Dichloropropane	594-20-7		U	5.52	0.552
cis-1,3-Dichloropropene	10061-01-5		U	5.52	0.552
trans-1,3-Dichloropropene	10061-02-6		U	5.52	0.552
1,1-Dichloropropene	563-58-6		U	5.52	0.552
Ethylbenzene	100-41-4		U	5.52	0.552
2-Hexanone	591-78-6		U	11.0	2.76
Hexachlorobutadiene	87-68-3		U	5.52	0.552
Isopropylbenzene	98-82-8		U	5.52	0.552
p-Isopropyltoluene	99-87-6		U	5.52	0.552
4-Methyl-2-pentanone	108-10-1		U	11.0	2.76
Methylene chloride	75-09-2		U	5.52	1.10
Naphthalene	91-20-3		U	11.0	0.552
n-Propylbenzene	103-65-1		U	5.52	0.552
Styrene	100-42-5		U	5.52	0.552
1,1,1,2-Tetrachloroethane	630-20-6		U	5.52	0.552
1,1,2,2-Tetrachloroethane	79-34-5		U	5.52	0.552
Tetrachloroethene	127-18-4		U	5.52	0.552
Toluene	108-88-3		U	5.52	0.552
1,2,3-Trichlorobenzene	87-61-6		U	5.52	0.552
1,2,4-Trichlorobenzene	120-82-1		U	5.52	0.552
1,1,1-Trichloroethane	71-55-6		U	5.52	0.552

Sample Number: **L0609540-04**
Client ID: **35-SMP113-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 13:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 17:23**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 17:23**
File ID: **9M49003**
Percent Solid: **86.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,2-Trichloroethane	79-00-5		U	5.52	0.552
Trichloroethene	79-01-6	8.00		5.52	0.552
Trichlorofluoromethane	75-69-4		U	11.0	1.10
1,2,3-Trichloropropane	96-18-4		U	5.52	1.10
1,2,4-Trimethylbenzene	95-63-6		U	5.52	0.552
1,3,5-Trimethylbenzene	108-67-8		U	5.52	0.552
Vinyl acetate	108-05-4		U	11.0	1.10
Vinyl chloride	75-01-4		U	11.0	1.10
o-Xylene	95-47-6		U	5.52	0.552
m-,p-Xylene	136777-61-2		U	5.52	0.552

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	97.3	80	120	
1,2-Dichloroethane-d4	114	80	120	
Toluene-d8	95.3	81	117	
4-Bromofluorobenzene	91.7	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-04**
Client ID: **35-SMP113-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223380**
Collect Date: **09/20/2006 13:55**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 12:20**
Cal Date:
Run Date: **09/26/2006 12:20**
File ID: **OV.0609261220-14**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	86.4		1.00	1.00

Sample Number: **L0609540-04**
Client ID: **35-SMP113-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/20/2006 13:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 12:43**
File ID: **14G9317**
Percent Solid: **86.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	57.9	29.0
Carbon Range C12-C28			U	57.9	29.0
Carbon Range C28-C35			U	57.9	29.0

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	106	31	130	
o-Terphenyl	106	70	130	

U Not detected at or above adjusted sample detection limit

Report Number: **L0609540**
Report Date : **October 11, 2006**

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Sample Number: **L0609540-05**
Client ID: **35-SMP113-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 14:18**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 17:55**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 17:55**
File ID: **9M49004**
Percent Solid: **90.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.3	5.17
Benzene	71-43-2		U	5.17	0.517
Bromobenzene	108-86-1		U	5.17	0.517
Bromochloromethane	74-97-5		U	5.17	0.517
Bromodichloromethane	75-27-4		U	5.17	0.517
Bromoform	75-25-2		U	5.17	0.517
Bromomethane	74-83-9		U	10.3	1.03
2-Butanone	78-93-3		U	10.3	2.59
n-Butylbenzene	104-51-8		U	5.17	0.517
sec-Butylbenzene	135-98-8		U	5.17	0.517
tert-Butylbenzene	98-06-6		U	5.17	0.517
Carbon disulfide	75-15-0		U	5.17	0.517
Carbon tetrachloride	56-23-5		U	5.17	0.517
Chlorobenzene	108-90-7		U	5.17	0.517
Chlorodibromomethane	124-48-1		U	5.17	0.517
Chloroethane	75-00-3		U	10.3	1.03
2-Chloroethyl vinyl ether	110-75-8		U	10.3	2.07
Chloroform	67-66-3		U	5.17	0.517
Chloromethane	74-87-3		U	10.3	2.07
2-Chlorotoluene	95-49-8		U	5.17	0.517
4-Chlorotoluene	106-43-4		U	5.17	0.517
1,2-Dibromo-3-chloropropane	96-12-8		U	5.17	2.07
1,2-Dibromoethane	106-93-4		U	5.17	0.517
Dibromomethane	74-95-3		U	5.17	0.517
1,2-Dichlorobenzene	95-50-1		U	5.17	0.517
1,3-Dichlorobenzene	541-73-1		U	5.17	0.517
1,4-Dichlorobenzene	106-46-7		U	5.17	0.517
Dichlorodifluoromethane	75-71-8		U	10.3	1.03
1,1-Dichloroethane	75-34-3	1.91	J	5.17	1.03
1,2-Dichloroethane	107-06-2		U	5.17	0.517
1,1-Dichloroethene	75-35-4		U	5.17	0.517
cis-1,2-Dichloroethene	156-59-2		U	5.17	0.517
trans-1,2-Dichloroethene	156-60-5		U	5.17	0.517
1,2-Dichloropropane	78-87-5		U	5.17	0.517
1,3-Dichloropropane	142-28-9		U	5.17	0.517
2,2-Dichloropropane	594-20-7		U	5.17	0.517
cis-1,3-Dichloropropene	10061-01-5		U	5.17	0.517
trans-1,3-Dichloropropene	10061-02-6		U	5.17	0.517
1,1-Dichloropropene	563-58-6		U	5.17	0.517
Ethylbenzene	100-41-4		U	5.17	0.517
2-Hexanone	591-78-6		U	10.3	2.59
Hexachlorobutadiene	87-68-3		U	5.17	0.517
Isopropylbenzene	98-82-8		U	5.17	0.517
p-Isopropyltoluene	99-87-6		U	5.17	0.517
4-Methyl-2-pentanone	108-10-1		U	10.3	2.59
Methylene chloride	75-09-2	1.26	J	5.17	1.03
Naphthalene	91-20-3		U	10.3	0.517
n-Propylbenzene	103-65-1		U	5.17	0.517

Sample Number: **L0609540-05**
Client ID: **35-SMP113-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 14:18**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 17:55**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 17:55**
File ID: **9M49004**
Percent Solid: **90.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	5.17	0.517
1,1,1,2-Tetrachloroethane	630-20-6		U	5.17	0.517
1,1,2,2-Tetrachloroethane	79-34-5		U	5.17	0.517
Tetrachloroethene	127-18-4	2.48	J	5.17	0.517
Toluene	108-88-3		U	5.17	0.517
1,2,3-Trichlorobenzene	87-61-6		U	5.17	0.517
1,2,4-Trichlorobenzene	120-82-1		U	5.17	0.517
1,1,1-Trichloroethane	71-55-6	4.18	J	5.17	0.517
1,1,2-Trichloroethane	79-00-5		U	5.17	0.517
Trichloroethene	79-01-6	2.03	J	5.17	0.517
Trichlorofluoromethane	75-69-4		U	10.3	1.03
1,2,3-Trichloropropane	96-18-4		U	5.17	1.03
1,2,4-Trimethylbenzene	95-63-6		U	5.17	0.517
1,3,5-Trimethylbenzene	108-67-8		U	5.17	0.517
Vinyl acetate	108-05-4		U	10.3	1.03
Vinyl chloride	75-01-4		U	10.3	1.03
o-Xylene	95-47-6		U	5.17	0.517
m-,p-Xylene	136777-61-2		U	5.17	0.517

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.7	80	120	
1,2-Dichloroethane-d4	109	80	120	
Toluene-d8	99.4	81	117	
4-Bromofluorobenzene	103	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-05**
Client ID: **35-SMP113-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223380**
Collect Date: **09/20/2006 14:18**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 12:20**
Cal Date:
Run Date: **09/26/2006 12:20**
File ID: **OV.0609261220-15**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	90.6		1.00	1.00

Sample Number: **L0609540-05**
Client ID: **35-SMP113-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/20/2006 14:18**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 20:01**
File ID: **14G9328**
Percent Solid: **90.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	55.1	27.6
Carbon Range C12-C28			U	55.1	27.6
Carbon Range C28-C35			U	55.1	27.6

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	104	31	130	
o-Terphenyl	106	70	130	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-06**
Client ID: **35-SMP111-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/20/2006 14:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 19:02**
File ID: **IR.092806.190200**
Percent Solid: **88.1**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	4400		16.2	8.11
Silver, Total	7440-22-4		U	1.62	0.203
Barium, Total	7440-39-3	108		0.406	0.0811
Beryllium, Total	7440-41-7	0.888		0.406	0.00973
Calcium, Total	7440-70-2	783		8.11	4.06
Cadmium, Total	7440-43-9	0.166	J	0.406	0.0406
Cobalt, Total	7440-48-4	7.92		0.811	0.0973
Chromium, Total	7440-47-3	18.2		0.811	0.0973
Copper, Total	7440-50-8	1.61		0.811	0.406
Iron, Total	7439-89-6	5030		1.62	0.811
Potassium, Total	7440-09-7	425		40.6	20.3
Magnesium, Total	7439-95-4	608		20.3	9.73
Manganese, Total	7439-96-5	478		0.406	0.0811
Sodium, Total	7440-23-5	55.9		20.3	4.06
Nickel, Total	7440-02-0	7.24		1.62	0.406
Vanadium, Total	7440-62-2	11.8		0.406	0.203
Zinc, Total	7440-66-6	10.0		0.811	0.406

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-06**
Client ID: **35-SMP111-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/20/2006 14:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 11:48**
File ID: **EL.092906.114855**
Percent Solid: **88.1**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	1.21		0.341	0.0852
Lead, Total	7439-92-1	10.6		0.227	0.114
Antimony, Total	7440-36-0	0.0582	J	0.114	0.0568
Selenium, Total	7782-49-2	0.228		0.227	0.114
Thallium, Total	7440-28-0	0.0466		0.0227	0.0114

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-06**
Client ID: **35-SMP111-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223272**
Collect Date: **09/20/2006 14:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/23/2006 12:30**
Cal Date: **09/25/2006 15:40**
Run Date: **09/25/2006 16:08**
File ID: **HY.092506.160855**
Percent Solid: **88.1**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0123	J	0.267	0.0107

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-06**
Client ID: **35-SMP111-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223660**
Collect Date: **09/20/2006 14:25**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMM**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/28/2006 17:45**
Cal Date:
Run Date: **09/28/2006 17:45**
File ID: **OV.0609281745-03**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	88.1		1.00	1.00

Sample Number: **L0609540-07**
Client ID: **35-SMP111-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/20/2006 14:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 19:08**
File ID: **IR.092806.190800**
Percent Solid: **87.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	9500		15.9	7.96
Silver, Total	7440-22-4		U	1.59	0.199
Barium, Total	7440-39-3	20.1		0.398	0.0796
Beryllium, Total	7440-41-7	0.421		0.398	0.00955
Calcium, Total	7440-70-2	136		7.96	3.98
Cadmium, Total	7440-43-9		U	0.398	0.0398

Sample Number: **L0609540-07**
Client ID: **35-SMP111-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/20/2006 14:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 19:08**
File ID: **IR.092806.190800**
Percent Solid: **87.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Cobalt, Total	7440-48-4	2.42		0.796	0.0955
Chromium, Total	7440-47-3	19.1		0.796	0.0955
Copper, Total	7440-50-8	2.83		0.796	0.398
Iron, Total	7439-89-6	26500		1.59	0.796
Potassium, Total	7440-09-7	236		39.8	19.9
Magnesium, Total	7439-95-4	370		19.9	9.55
Manganese, Total	7439-96-5	16.2		0.398	0.0796
Sodium, Total	7440-23-5	183		19.9	3.98
Nickel, Total	7440-02-0	3.21		1.59	0.398
Vanadium, Total	7440-62-2	45.0		0.398	0.199
Zinc, Total	7440-66-6	8.35		0.796	0.398

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-07**
Client ID: **35-SMP111-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/20/2006 14:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 11:55**
File ID: **EL.092906.115501**
Percent Solid: **87.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	3.64		0.337	0.0842
Lead, Total	7439-92-1	7.11		0.225	0.112
Antimony, Total	7440-36-0		U	0.112	0.0562
Selenium, Total	7782-49-2	0.816		0.225	0.112
Thallium, Total	7440-28-0	0.0390		0.0225	0.0112

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-07**
Client ID: **35-SMP111-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223272**
Collect Date: **09/20/2006 14:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/23/2006 12:30**
Cal Date: **09/25/2006 15:40**
Run Date: **09/25/2006 16:10**
File ID: **HY.092506.161032**
Percent Solid: **87.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0416	J	0.269	0.0108

J The analyte was positively identified, but the quantitation was below the RL

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091848

Sample Number: **L0609540-07**
Client ID: **35-SMP111-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 14:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 18:27**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 18:27**
File ID: **9M49005**
Percent Solid: **87.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	27.8		11.1	5.57
Benzene	71-43-2		U	5.57	0.557
Bromobenzene	108-86-1		U	5.57	0.557
Bromochloromethane	74-97-5		U	5.57	0.557
Bromodichloromethane	75-27-4		U	5.57	0.557
Bromoform	75-25-2		U	5.57	0.557
Bromomethane	74-83-9		U	11.1	1.11
2-Butanone	78-93-3		U	11.1	2.79
n-Butylbenzene	104-51-8		U	5.57	0.557
sec-Butylbenzene	135-98-8		U	5.57	0.557
tert-Butylbenzene	98-06-6		U	5.57	0.557
Carbon disulfide	75-15-0		U	5.57	0.557
Carbon tetrachloride	56-23-5		U	5.57	0.557
Chlorobenzene	108-90-7		U	5.57	0.557
Chlorodibromomethane	124-48-1		U	5.57	0.557
Chloroethane	75-00-3		U	11.1	1.11
2-Chloroethyl vinyl ether	110-75-8		U	11.1	2.23
Chloroform	67-66-3		U	5.57	0.557
Chloromethane	74-87-3		U	11.1	2.23
2-Chlorotoluene	95-49-8		U	5.57	0.557
4-Chlorotoluene	106-43-4		U	5.57	0.557
1,2-Dibromo-3-chloropropane	96-12-8		U	5.57	2.23
1,2-Dibromoethane	106-93-4		U	5.57	0.557
Dibromomethane	74-95-3		U	5.57	0.557
1,2-Dichlorobenzene	95-50-1		U	5.57	0.557
1,3-Dichlorobenzene	541-73-1		U	5.57	0.557
1,4-Dichlorobenzene	106-46-7		U	5.57	0.557
Dichlorodifluoromethane	75-71-8		U	11.1	1.11
1,1-Dichloroethane	75-34-3		U	5.57	1.11
1,2-Dichloroethane	107-06-2		U	5.57	0.557
1,1-Dichloroethene	75-35-4		U	5.57	0.557
cis-1,2-Dichloroethene	156-59-2		U	5.57	0.557
trans-1,2-Dichloroethene	156-60-5		U	5.57	0.557
1,2-Dichloropropane	78-87-5		U	5.57	0.557
1,3-Dichloropropane	142-28-9		U	5.57	0.557
2,2-Dichloropropane	594-20-7		U	5.57	0.557
cis-1,3-Dichloropropene	10061-01-5		U	5.57	0.557
trans-1,3-Dichloropropene	10061-02-6		U	5.57	0.557
1,1-Dichloropropene	563-58-6		U	5.57	0.557
Ethylbenzene	100-41-4		U	5.57	0.557
2-Hexanone	591-78-6		U	11.1	2.79
Hexachlorobutadiene	87-68-3		U	5.57	0.557
Isopropylbenzene	98-82-8		U	5.57	0.557
p-Isopropyltoluene	99-87-6		U	5.57	0.557
4-Methyl-2-pentanone	108-10-1		U	11.1	2.79
Methylene chloride	75-09-2	6.60		5.57	1.11
Naphthalene	91-20-3		U	11.1	0.557
n-Propylbenzene	103-65-1		U	5.57	0.557

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091849

Sample Number: **L0609540-07**
Client ID: **35-SMP111-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/20/2006 14:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 18:27**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 18:27**
File ID: **9M49005**
Percent Solid: **87.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	5.57	0.557
1,1,1,2-Tetrachloroethane	630-20-6		U	5.57	0.557
1,1,2,2-Tetrachloroethane	79-34-5		U	5.57	0.557
Tetrachloroethene	127-18-4		U	5.57	0.557
Toluene	108-88-3		U	5.57	0.557
1,2,3-Trichlorobenzene	87-61-6		U	5.57	0.557
1,2,4-Trichlorobenzene	120-82-1		U	5.57	0.557
1,1,1-Trichloroethane	71-55-6		U	5.57	0.557
1,1,2-Trichloroethane	79-00-5		U	5.57	0.557
Trichloroethene	79-01-6		U	5.57	0.557
Trichlorofluoromethane	75-69-4		U	11.1	1.11
1,2,3-Trichloropropane	96-18-4		U	5.57	1.11
1,2,4-Trimethylbenzene	95-63-6		U	5.57	0.557
1,3,5-Trimethylbenzene	108-67-8		U	5.57	0.557
Vinyl acetate	108-05-4		U	11.1	1.11
Vinyl chloride	75-01-4		U	11.1	1.11
o-Xylene	95-47-6		U	5.57	0.557
m-,p-Xylene	136777-61-2		U	5.57	0.557

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.1	80	120	
1,2-Dichloroethane-d4	107	80	120	
Toluene-d8	97.6	81	117	
4-Bromofluorobenzene	95.9	74	121	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-07**
Client ID: **35-SMP111-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223660**
Collect Date: **09/20/2006 14:35**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMM**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/28/2006 17:45**
Cal Date:
Run Date: **09/28/2006 17:45**
File ID: **OV.0609281745-04**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	87.3		1.00	1.00

Sample Number: **L0609540-08**
Client ID: **35-SMP073-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 10:05**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **4**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 18:01**
Cal Date:
Run Date: **10/06/2006 18:01**
File ID: **I1100606.17**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0	272		39.6	19.8

Sample Number: **L0609540-08**
Client ID: **35-SMP073-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 10:05**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 19:26**
File ID: **IR.092806.192600**
Percent Solid: **85.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	13100		16.9	8.47
Silver, Total	7440-22-4		U	1.69	0.212
Barium, Total	7440-39-3	177		0.423	0.0847
Beryllium, Total	7440-41-7	0.798		0.423	0.0102
Calcium, Total	7440-70-2	898		8.47	4.23
Cadmium, Total	7440-43-9	0.217	J	0.423	0.0423
Cobalt, Total	7440-48-4	7.98		0.847	0.102
Chromium, Total	7440-47-3	12.6		0.847	0.102
Copper, Total	7440-50-8	4.47		0.847	0.423
Iron, Total	7439-89-6	12900		1.69	0.847
Potassium, Total	7440-09-7	505		42.3	21.2
Magnesium, Total	7439-95-4	1290		21.2	10.2
Manganese, Total	7439-96-5	173		0.423	0.0847
Sodium, Total	7440-23-5	269		21.2	4.23
Nickel, Total	7440-02-0	13.2		1.69	0.423
Vanadium, Total	7440-62-2	22.4		0.423	0.212
Zinc, Total	7440-66-6	45.8		0.847	0.423

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-08**
Client ID: **35-SMP073-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 10:05**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 12:01**
File ID: **EL.092906.120108**
Percent Solid: **85.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	2.02		0.350	0.0876
Lead, Total	7439-92-1	9.21		0.234	0.117
Antimony, Total	7440-36-0		U	0.117	0.0584
Selenium, Total	7782-49-2	0.320		0.234	0.117
Thallium, Total	7440-28-0	0.0733		0.0234	0.0117

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-08**
Client ID: **35-SMP073-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223272**
Collect Date: **09/21/2006 10:05**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/23/2006 12:30**
Cal Date: **09/25/2006 15:40**
Run Date: **09/25/2006 16:12**
File ID: **HY.092506.161210**
Percent Solid: **85.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0257	J	0.284	0.0114

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-08**
Client ID: **35-SMP073-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223380**
Collect Date: **09/21/2006 10:05**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 12:20**
Cal Date:
Run Date: **09/26/2006 12:20**
File ID: **OV.0609261220-16**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	85.0		1.00	1.00

Sample Number: **L0609540-08**
Client ID: **35-SMP073-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 10:05**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 20:41**
File ID: **14G9329**
Percent Solid: **85.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	58.1	29.0
Carbon Range C12-C28			U	58.1	29.0
Carbon Range C28-C35		31.2	J	58.1	29.0

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	109	31	130	
o-Terphenyl	108	70	130	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-09**
Client ID: **35-SMP073-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 10:10**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **1**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 18:21**
Cal Date:
Run Date: **10/06/2006 18:21**
File ID: **I1100606.18**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0	9.26	J	10.4	5.22

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-09** | PrePrep Method: **NONE** | Instrument: **IRIS-ICP**
Client ID: **35-SMP073-SB01-02** | Prep Method: **3050B** | Prep Date: **09/25/2006 06:40**
Matrix: **Soil** | Analytical Method: **6010B** | Cal Date: **09/28/2006 09:07**
Workgroup Number: **WG223267** | Analyst: **SLP** | Run Date: **09/28/2006 19:32**
Collect Date: **09/21/2006 10:10** | Dilution: **1** | File ID: **IR.092806.193200**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **89.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	9520		17.1	8.54
Silver, Total	7440-22-4		U	1.71	0.213
Barium, Total	7440-39-3	84.4		0.427	0.0854
Beryllium, Total	7440-41-7	0.533		0.427	0.0102
Calcium, Total	7440-70-2	2570		8.54	4.27
Cadmium, Total	7440-43-9	0.160	J	0.427	0.0427
Cobalt, Total	7440-48-4	5.84		0.854	0.102
Chromium, Total	7440-47-3	11.6		0.854	0.102
Copper, Total	7440-50-8	5.08		0.854	0.427
Iron, Total	7439-89-6	11900		1.71	0.854
Potassium, Total	7440-09-7	421		42.7	21.3
Magnesium, Total	7439-95-4	773		21.3	10.2
Manganese, Total	7439-96-5	114		0.427	0.0854
Sodium, Total	7440-23-5	90.1		21.3	4.27
Nickel, Total	7440-02-0	8.26		1.71	0.427
Vanadium, Total	7440-62-2	19.1		0.427	0.213
Zinc, Total	7440-66-6	45.8		0.854	0.427

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-09** | PrePrep Method: **NONE** | Instrument: **ELAN-ICP**
Client ID: **35-SMP073-SB01-02** | Prep Method: **3051** | Prep Date: **09/25/2006 07:30**
Matrix: **Soil** | Analytical Method: **6020** | Cal Date: **09/29/2006 09:41**
Workgroup Number: **WG223683** | Analyst: **JYH** | Run Date: **09/29/2006 12:07**
Collect Date: **09/21/2006 10:10** | Dilution: **1** | File ID: **EL.092906.120712**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **89.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	2.20		0.335	0.0839
Lead, Total	7439-92-1	15.4		0.224	0.112
Antimony, Total	7440-36-0		U	0.112	0.0559
Selenium, Total	7782-49-2	0.239		0.224	0.112
Thallium, Total	7440-28-0	0.0816		0.0224	0.0112

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-09** | PrePrep Method: **NONE** | Instrument: **HYDRA**
Client ID: **35-SMP073-SB01-02** | Prep Method: **METHOD** | Prep Date: **09/23/2006 12:30**
Matrix: **Soil** | Analytical Method: **7471A** | Cal Date: **09/25/2006 15:40**
Workgroup Number: **WG223272** | Analyst: **MMB** | Run Date: **09/25/2006 16:59**
Collect Date: **09/21/2006 10:10** | Dilution: **2** | File ID: **HY.092506.165956**
Sample Tag: **DL01** | Units: **mg/kg** | Percent Solid: **89.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.789		0.540	0.0216

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091853

Sample Number: **L0609540-09**
Client ID: **35-SMP073-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 10:10**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 18:59**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 18:59**
File ID: **9M49006**
Percent Solid: **89.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	9.62	4.81
Benzene	71-43-2		U	4.81	0.481
Bromobenzene	108-86-1		U	4.81	0.481
Bromochloromethane	74-97-5		U	4.81	0.481
Bromodichloromethane	75-27-4		U	4.81	0.481
Bromoform	75-25-2		U	4.81	0.481
Bromomethane	74-83-9		U	9.62	0.962
2-Butanone	78-93-3		U	9.62	2.41
n-Butylbenzene	104-51-8		U	4.81	0.481
sec-Butylbenzene	135-98-8		U	4.81	0.481
tert-Butylbenzene	98-06-6		U	4.81	0.481
Carbon disulfide	75-15-0		U	4.81	0.481
Carbon tetrachloride	56-23-5		U	4.81	0.481
Chlorobenzene	108-90-7		U	4.81	0.481
Chlorodibromomethane	124-48-1		U	4.81	0.481
Chloroethane	75-00-3		U	9.62	0.962
2-Chloroethyl vinyl ether	110-75-8		U	9.62	1.92
Chloroform	67-66-3		U	4.81	0.481
Chloromethane	74-87-3		U	9.62	1.92
2-Chlorotoluene	95-49-8		U	4.81	0.481
4-Chlorotoluene	106-43-4		U	4.81	0.481
1,2-Dibromo-3-chloropropane	96-12-8		U	4.81	1.92
1,2-Dibromoethane	106-93-4		U	4.81	0.481
Dibromomethane	74-95-3		U	4.81	0.481
1,2-Dichlorobenzene	95-50-1		U	4.81	0.481
1,3-Dichlorobenzene	541-73-1		U	4.81	0.481
1,4-Dichlorobenzene	106-46-7		U	4.81	0.481
Dichlorodifluoromethane	75-71-8		U	9.62	0.962
1,1-Dichloroethane	75-34-3		U	4.81	0.962
1,2-Dichloroethane	107-06-2		U	4.81	0.481
1,1-Dichloroethene	75-35-4		U	4.81	0.481
cis-1,2-Dichloroethene	156-59-2		U	4.81	0.481
trans-1,2-Dichloroethene	156-60-5		U	4.81	0.481
1,2-Dichloropropane	78-87-5		U	4.81	0.481
1,3-Dichloropropane	142-28-9		U	4.81	0.481
2,2-Dichloropropane	594-20-7		U	4.81	0.481
cis-1,3-Dichloropropene	10061-01-5		U	4.81	0.481
trans-1,3-Dichloropropene	10061-02-6		U	4.81	0.481
1,1-Dichloropropene	563-58-6		U	4.81	0.481
Ethylbenzene	100-41-4		U	4.81	0.481
2-Hexanone	591-78-6		U	9.62	2.41
Hexachlorobutadiene	87-68-3		U	4.81	0.481
Isopropylbenzene	98-82-8		U	4.81	0.481
p-Isopropyltoluene	99-87-6		U	4.81	0.481
4-Methyl-2-pentanone	108-10-1		U	9.62	2.41
Methylene chloride	75-09-2		U	4.81	0.962
Naphthalene	91-20-3		U	9.62	0.481
n-Propylbenzene	103-65-1		U	4.81	0.481

Sample Number: **L0609540-09**
Client ID: **35-SMP073-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 10:10**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 18:59**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 18:59**
File ID: **9M49006**
Percent Solid: **89.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	4.81	0.481
1,1,1,2-Tetrachloroethane	630-20-6		U	4.81	0.481
1,1,2,2-Tetrachloroethane	79-34-5		U	4.81	0.481
Tetrachloroethene	127-18-4		U	4.81	0.481
Toluene	108-88-3		U	4.81	0.481
1,2,3-Trichlorobenzene	87-61-6		U	4.81	0.481
1,2,4-Trichlorobenzene	120-82-1		U	4.81	0.481
1,1,1-Trichloroethane	71-55-6		U	4.81	0.481
1,1,2-Trichloroethane	79-00-5		U	4.81	0.481
Trichloroethene	79-01-6		U	4.81	0.481
Trichlorofluoromethane	75-69-4		U	9.62	0.962
1,2,3-Trichloropropane	96-18-4		U	4.81	0.962
1,2,4-Trimethylbenzene	95-63-6		U	4.81	0.481
1,3,5-Trimethylbenzene	108-67-8		U	4.81	0.481
Vinyl acetate	108-05-4		U	9.62	0.962
Vinyl chloride	75-01-4		U	9.62	0.962
o-Xylene	95-47-6		U	4.81	0.481
m-,p-Xylene	136777-61-2		U	4.81	0.481

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	95.5	80	120	
1,2-Dichloroethane-d4	109	80	120	
Toluene-d8	97.6	81	117	
4-Bromofluorobenzene	96.0	74	121	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-09**
Client ID: **35-SMP073-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223380**
Collect Date: **09/21/2006 10:10**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 12:20**
Cal Date:
Run Date: **09/26/2006 12:20**
File ID: **OV.0609261220-17**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	89.4		1.00	1.00

Sample Number: **L0609540-09**
Client ID: **35-SMP073-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 10:10**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 21:21**
File ID: **14G9330**
Percent Solid: **89.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	55.9	27.9
Carbon Range C12-C28			U	55.9	27.9
Carbon Range C28-C35		29.7	J	55.9	27.9

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	106	31	130	
o-Terphenyl	107	70	130	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-10**
Client ID: **35-SMP073-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 10:07**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **4**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 18:42**
Cal Date:
Run Date: **10/06/2006 18:42**
File ID: **I1100606.19**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	39.5	19.7

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-10**
Client ID: **35-SMP073-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 10:07**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 19:38**
File ID: **IR.092806.193800**
Percent Solid: **81.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	10000		17.8	8.92
Silver, Total	7440-22-4		U	1.78	0.223
Barium, Total	7440-39-3	115		0.446	0.0892
Beryllium, Total	7440-41-7	0.643		0.446	0.0107
Calcium, Total	7440-70-2	2390		8.92	4.46
Cadmium, Total	7440-43-9	0.379	J	0.446	0.0446
Cobalt, Total	7440-48-4	8.52		0.892	0.107
Chromium, Total	7440-47-3	13.5		0.892	0.107
Copper, Total	7440-50-8	50.4		0.892	0.446
Iron, Total	7439-89-6	13900		1.78	0.892
Potassium, Total	7440-09-7	644		44.6	22.3
Magnesium, Total	7439-95-4	904		22.3	10.7
Manganese, Total	7439-96-5	165		0.446	0.0892
Sodium, Total	7440-23-5	46.7		22.3	4.46
Nickel, Total	7440-02-0	9.31		1.78	0.446
Vanadium, Total	7440-62-2	22.7		0.446	0.223
Zinc, Total	7440-66-6	90.8		0.892	0.446

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-10** | PrePrep Method: **NONE** | Instrument: **IRIS-ICP**
Client ID: **35-SMP073-SB02-01** | Prep Method: **3050B** | Prep Date: **09/25/2006 06:40**
Matrix: **Soil** | Analytical Method: **6010B** | Cal Date: **09/28/2006 09:07**
Workgroup Number: **WG223267** | Analyst: **SLP** | Run Date: **09/28/2006 19:38**
Collect Date: **09/21/2006 10:07** | Dilution: **1** | File ID: **IR.092806.193800**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **81.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-10** | PrePrep Method: **NONE** | Instrument: **ELAN-ICP**
Client ID: **35-SMP073-SB02-01** | Prep Method: **3051** | Prep Date: **09/25/2006 07:30**
Matrix: **Soil** | Analytical Method: **6020** | Cal Date: **09/29/2006 09:41**
Workgroup Number: **WG223683** | Analyst: **JYH** | Run Date: **09/29/2006 12:13**
Collect Date: **09/21/2006 10:07** | Dilution: **1** | File ID: **EL.092906.121315**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **81.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	**7440-38-2**	**6.48**		**0.367**	**0.0917**
Lead, Total	**7439-92-1**	**17.7**		**0.245**	**0.122**
Antimony, Total	**7440-36-0**		**U**	**0.122**	**0.0611**
Selenium, Total	**7782-49-2**	**0.470**		**0.245**	**0.122**
Thallium, Total	**7440-28-0**	**0.0714**		**0.0245**	**0.0122**

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-10** | PrePrep Method: **NONE** | Instrument: **HYDRA**
Client ID: **35-SMP073-SB02-01** | Prep Method: **METHOD** | Prep Date: **09/25/2006 13:20**
Matrix: **Soil** | Analytical Method: **7471A** | Cal Date: **09/26/2006 13:58**
Workgroup Number: **WG223379** | Analyst: **PAS** | Run Date: **09/26/2006 14:17**
Collect Date: **09/21/2006 10:07** | Dilution: **1** | File ID: **HY.092606.141738**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **81.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	**7439-97-6**	**0.273**	**J**	**0.278**	**0.0111**

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-10** | PrePrep Method: **NONE** | Instrument: **OVEN**
Client ID: **35-SMP073-SB02-01** | Prep Method: **D2216-90** | Prep Date: **09/26/2006 12:20**
Matrix: **Soil** | Analytical Method: **D2216-90** | Cal Date:
Workgroup Number: **WG223380** | Analyst: **TMB** | Run Date: **09/26/2006 12:20**
Collect Date: **09/21/2006 10:07** | Dilution: **1** | File ID: **OV.0609261220-18**
Units: **weight %**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	**10-02-6**	**81.8**		**1.00**	**1.00**

Sample Number: **L0609540-10**
Client ID: **35-SMP073-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 10:07**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 22:01**
File ID: **14G9331**
Percent Solid: **81.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	60.2	30.1
Carbon Range C12-C28			U	60.2	30.1
Carbon Range C28-C35			U	60.2	30.1

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	105	31	130	
o-Terphenyl	104	70	130	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-11**
Client ID: **35-SMP073-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 10:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **4**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 19:02**
Cal Date:
Run Date: **10/06/2006 19:02**
File ID: **I1100606.20**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	38.8	19.4

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-11**
Client ID: **35-SMP073-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 10:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 19:44**
File ID: **IR.092806.194400**
Percent Solid: **84.7**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	9980		17.0	8.50
Silver, Total	7440-22-4		U	1.70	0.212
Barium, Total	7440-39-3	59.7		0.425	0.0850
Beryllium, Total	7440-41-7	0.756		0.425	0.0102
Calcium, Total	7440-70-2	1610		8.50	4.25
Cadmium, Total	7440-43-9	0.0633	J	0.425	0.0425
Cobalt, Total	7440-48-4	5.59		0.850	0.102
Chromium, Total	7440-47-3	29.1		0.850	0.102
Copper, Total	7440-50-8	3.85		0.850	0.425
Iron, Total	7439-89-6	25500		1.70	0.850
Potassium, Total	7440-09-7	331		42.5	21.2
Magnesium, Total	7439-95-4	539		21.2	10.2
Manganese, Total	7439-96-5	109		0.425	0.0850
Sodium, Total	7440-23-5	54.6		21.2	4.25
Nickel, Total	7440-02-0	5.78		1.70	0.425
Vanadium, Total	7440-62-2	44.7		0.425	0.212
Zinc, Total	7440-66-6	17.0		0.850	0.425

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-11**
Client ID: **35-SMP073-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 10:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 12:19**
File ID: **EL.092906.121919**
Percent Solid: **84.7**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	2.30		0.354	0.0886
Lead, Total	7439-92-1	7.45		0.236	0.118
Antimony, Total	7440-36-0		U	0.118	0.0591
Selenium, Total	7782-49-2	0.265		0.236	0.118
Thallium, Total	7440-28-0	0.0621		0.0236	0.0118

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-11**
Client ID: **35-SMP073-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 10:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:57**
Run Date: **09/26/2006 14:20**
File ID: **HY.092606.142052**
Percent Solid: **84.7**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0444	J	0.292	0.0117

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-11**
Client ID: **35-SMP073-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 10:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 19:31**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 19:31**
File ID: **9M49007**
Percent Solid: **84.7**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.4	5.18
Benzene	71-43-2		U	5.18	0.518
Bromobenzene	108-86-1		U	5.18	0.518
Bromochloromethane	74-97-5		U	5.18	0.518
Bromodichloromethane	75-27-4		U	5.18	0.518
Bromoform	75-25-2		U	5.18	0.518
Bromomethane	74-83-9		U	10.4	1.04
2-Butanone	78-93-3		U	10.4	2.59
n-Butylbenzene	104-51-8		U	5.18	0.518
sec-Butylbenzene	135-98-8		U	5.18	0.518
tert-Butylbenzene	98-06-6		U	5.18	0.518
Carbon disulfide	75-15-0		U	5.18	0.518
Carbon tetrachloride	56-23-5		U	5.18	0.518
Chlorobenzene	108-90-7		U	5.18	0.518
Chlorodibromomethane	124-48-1		U	5.18	0.518
Chloroethane	75-00-3		U	10.4	1.04
2-Chloroethyl vinyl ether	110-75-8		U	10.4	2.07
Chloroform	67-66-3		U	5.18	0.518
Chloromethane	74-87-3		U	10.4	2.07

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091859

Sample Number: **L0609540-11**
Client ID: **35-SMP073-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 10:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 19:31**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 19:31**
File ID: **9M49007**
Percent Solid: **84.7**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2-Chlorotoluene	95-49-8		U	5.18	0.518
4-Chlorotoluene	106-43-4		U	5.18	0.518
1,2-Dibromo-3-chloropropane	96-12-8		U	5.18	2.07
1,2-Dibromoethane	106-93-4		U	5.18	0.518
Dibromomethane	74-95-3		U	5.18	0.518
1,2-Dichlorobenzene	95-50-1		U	5.18	0.518
1,3-Dichlorobenzene	541-73-1		U	5.18	0.518
1,4-Dichlorobenzene	106-46-7		U	5.18	0.518
Dichlorodifluoromethane	75-71-8		U	10.4	1.04
1,1-Dichloroethane	75-34-3		U	5.18	1.04
1,2-Dichloroethane	107-06-2		U	5.18	0.518
1,1-Dichloroethene	75-35-4		U	5.18	0.518
cis-1,2-Dichloroethene	156-59-2		U	5.18	0.518
trans-1,2-Dichloroethene	156-60-5		U	5.18	0.518
1,2-Dichloropropane	78-87-5		U	5.18	0.518
1,3-Dichloropropane	142-28-9		U	5.18	0.518
2,2-Dichloropropane	594-20-7		U	5.18	0.518
cis-1,3-Dichloropropene	10061-01-5		U	5.18	0.518
trans-1,3-Dichloropropene	10061-02-6		U	5.18	0.518
1,1-Dichloropropene	563-58-6		U	5.18	0.518
Ethylbenzene	100-41-4		U	5.18	0.518
2-Hexanone	591-78-6		U	10.4	2.59
Hexachlorobutadiene	87-68-3		U	5.18	0.518
Isopropylbenzene	98-82-8		U	5.18	0.518
p-Isopropyltoluene	99-87-6		U	5.18	0.518
4-Methyl-2-pentanone	108-10-1		U	10.4	2.59
Methylene chloride	75-09-2		U	5.18	1.04
Naphthalene	91-20-3		U	10.4	0.518
n-Propylbenzene	103-65-1		U	5.18	0.518
Styrene	100-42-5		U	5.18	0.518
1,1,1,2-Tetrachloroethane	630-20-6		U	5.18	0.518
1,1,2,2-Tetrachloroethane	79-34-5		U	5.18	0.518
Tetrachloroethene	127-18-4		U	5.18	0.518
Toluene	108-88-3		U	5.18	0.518
1,2,3-Trichlorobenzene	87-61-6		U	5.18	0.518
1,2,4-Trichlorobenzene	120-82-1		U	5.18	0.518
1,1,1-Trichloroethane	71-55-6		U	5.18	0.518
1,1,2-Trichloroethane	79-00-5		U	5.18	0.518
Trichloroethene	79-01-6		U	5.18	0.518
Trichlorofluoromethane	75-69-4		U	10.4	1.04
1,2,3-Trichloropropane	96-18-4		U	5.18	1.04
1,2,4-Trimethylbenzene	95-63-6		U	5.18	0.518
1,3,5-Trimethylbenzene	108-67-8		U	5.18	0.518
Vinyl acetate	108-05-4		U	10.4	1.04
Vinyl chloride	75-01-4		U	10.4	1.04
o-Xylene	95-47-6		U	5.18	0.518
m-,p-Xylene	136777-61-2		U	5.18	0.518

Sample Number: **L0609540-11**
Client ID: **35-SMP073-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 10:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 19:31**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 19:31**
File ID: **9M49007**
Percent Solid: **84.7**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	**97.2**	**80**	**120**	
1,2-Dichloroethane-d4	**114**	**80**	**120**	
Toluene-d8	**95.3**	**81**	**117**	
4-Bromofluorobenzene	**92.0**	**74**	**121**	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-11**
Client ID: **35-SMP073-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223380**
Collect Date: **09/21/2006 10:25**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 12:20**
Cal Date:
Run Date: **09/26/2006 12:20**
File ID: **OV.0609261220-19**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	**10-02-6**	**84.7**		**1.00**	**1.00**

Sample Number: **L0609540-11**
Client ID: **35-SMP073-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 10:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 22:41**
File ID: **14G9332**
Percent Solid: **84.7**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			**U**	**58.9**	**29.5**
Carbon Range C12-C28			**U**	**58.9**	**29.5**
Carbon Range C28-C35			**U**	**58.9**	**29.5**

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	**108**	**31**	**130**	
o-Terphenyl	**107**	**70**	**130**	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-12**
Client ID: **35-SMP074-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **10**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 19:22**
Cal Date:
Run Date: **10/06/2006 19:22**
File ID: **I1100606.21**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**		**U**	**101**	**50.4**

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-12**
Client ID: **35-SMP074-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 19:50**
File ID: **IR.092806.195000**
Percent Solid: **88.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	7340		17.4	8.71
Silver, Total	7440-22-4		U	1.74	0.218
Barium, Total	7440-39-3	80.0		0.436	0.0871
Beryllium, Total	7440-41-7	0.531		0.436	0.0105
Calcium, Total	7440-70-2	2010		8.71	4.36
Cadmium, Total	7440-43-9	0.158	J	0.436	0.0436
Cobalt, Total	7440-48-4	6.73		0.871	0.105
Chromium, Total	7440-47-3	11.5		0.871	0.105
Copper, Total	7440-50-8	3.69		0.871	0.436
Iron, Total	7439-89-6	8900		1.74	0.871
Potassium, Total	7440-09-7	267		43.6	21.8
Magnesium, Total	7439-95-4	594		21.8	10.5
Manganese, Total	7439-96-5	236		0.436	0.0871
Sodium, Total	7440-23-5	191		21.8	4.36
Nickel, Total	7440-02-0	6.77		1.74	0.436
Vanadium, Total	7440-62-2	19.6		0.436	0.218
Zinc, Total	7440-66-6	18.1		0.871	0.436

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-12**
Client ID: **35-SMP074-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 12:25**
File ID: **EL.092906.122523**
Percent Solid: **88.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	1.60		0.340	0.0850
Lead, Total	7439-92-1	8.98		0.227	0.113
Antimony, Total	7440-36-0		U	0.113	0.0566
Selenium, Total	7782-49-2	0.221	J	0.227	0.113
Thallium, Total	7440-28-0	0.0665		0.0227	0.0113

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-12**
Client ID: **35-SMP074-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:22**
File ID: **HY.092606.142241**
Percent Solid: **88.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0161	J	0.283	0.0113

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-12**
Client ID: **35-SMP074-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 17:08**
File ID: **5M42808**
Percent Solid: **88.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Phenol	108-95-2		U	186	93.1
Bis(2-Chloroethyl)ether	111-44-4		U	186	93.1
2-Chlorophenol	95-57-8		U	186	93.1
1,3-Dichlorobenzene	541-73-1		U	186	93.1
1,4-Dichlorobenzene	106-46-7		U	186	93.1
Benzyl alcohol	100-51-6		U	186	93.1
1,2-Dichlorobenzene	95-50-1		U	186	93.1
2-Methylphenol	95-48-7		U	186	93.1
3-,4-Methylphenol	106-44-5		U	186	93.1
bis(2-Chloroisopropyl)ether	39638-32-9		U	186	93.1
N-Nitrosodipropylamine	621-64-7		U	186	93.1
Hexachloroethane	67-72-1		U	186	93.1
Nitrobenzene	98-95-3		U	186	93.1
Isophorone	78-59-1		U	186	93.1
2-Nitrophenol	88-75-5		U	186	93.1
2,4-Dimethylphenol	105-67-9		U	186	93.1
Benzoic acid	65-85-0		U	931	372
Bis(2-Chloroethoxy)Methane	111-91-1		U	186	93.1
2,4-Dichlorophenol	120-83-2		U	186	93.1
1,2,4-Trichlorobenzene	120-82-1		U	186	93.1
Naphthalene	91-20-3		U	186	93.1
4-Chloroaniline	106-47-8		U	186	93.1
Hexachlorobutadiene	87-68-3		U	186	93.1
4-Chloro-3-methylphenol	59-50-7		U	186	93.1
2-Methylnaphthalene	91-57-6		U	186	93.1
Hexachlorocyclopentadiene	77-47-4		U	186	93.1
2,4,6-Trichlorophenol	88-06-2		U	186	93.1
2,4,5-Trichlorophenol	95-95-4		U	186	93.1
2-Chloronaphthalene	91-58-7		U	186	93.1
2-Nitroaniline	88-74-4		U	931	372
Dimethylphthalate	131-11-3		U	186	93.1
Acenaphthylene	208-96-8		U	186	93.1
2,6-Dinitrotoluene	606-20-2		U	186	93.1
3-Nitroaniline	99-09-2		U	931	372

Report Number: **L0609540**
Report Date : **October 11, 2006**

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Sample Number: **L0609540-12**
Client ID: **35-SMP074-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 17:08**
File ID: **5M42808**
Percent Solid: **88.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acenaphthene	83-32-9		U	186	93.1
2,4-Dinitrophenol	51-28-5		U	931	372
4-Nitrophenol	100-02-7		U	931	372
Dibenzofuran	132-64-9		U	186	93.1
2,4-Dinitrotoluene	121-14-2		U	186	93.1
Diethylphthalate	84-66-2		U	186	93.1
4-Chlorophenyl-phenyl ether	7005-72-3		U	186	93.1
Fluorene	86-73-7		U	186	93.1
4-Nitroaniline	100-01-6		U	931	372
4,6-Dinitro-2-methylphenol	534-52-1		U	931	372
N-Nitrosodiphenylamine	86-30-6		U	186	93.1
4-Bromophenyl-phenylether	101-55-3		U	186	93.1
Hexachlorobenzene	118-74-1		U	186	93.1
Pentachlorophenol	87-86-5		U	931	372
Phenanthrene	85-01-8		U	186	93.1
Anthracene	120-12-7		U	186	93.1
Di-N-Butylphthalate	84-74-2		U	186	93.1
Fluoranthene	206-44-0		U	186	93.1
Pyrene	129-00-0		U	186	93.1
Butylbenzylphthalate	85-68-7		U	186	93.1
3,3'-Dichlorobenzidine	91-94-1		U	372	186
Benzo(a)anthracene	56-55-3		U	186	93.1
Chrysene	218-01-9		U	186	93.1
bis(2-Ethylhexyl)phthalate	117-81-7		U	186	93.1
Di-n-octylphthalate	117-84-0		U	186	93.1
Benzo(b)fluoranthene	205-99-2		U	186	93.1
Benzo(k)fluoranthene	207-08-9		U	186	93.1
Benzo(a)pyrene	50-32-8		U	186	93.1
Indeno(1,2,3-cd)pyrene	193-39-5		U	186	93.1
Dibenzo(a,h)Anthracene	53-70-3		U	186	93.1
Benzo(g,h,i)Perylene	191-24-2		U	186	93.1

Surrogate	% Recovery	Lower	Upper	Qual
2-Fluorophenol	39.4	25	121	
Phenol-d5	46.9	24	113	
Nitrobenzene-d5	53.2	23	120	
2-Fluorobiphenyl	54.0	30	115	
2,4,6-Tribromophenol	45.5	19	122	
p-Terphenyl-d14	62.4	18	137	

U Not detected at or above adjusted sample detection limit

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091864

Sample Number: **L0609540-12**
Client ID: **35-SMP074-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223380**
Collect Date: **09/21/2006 09:25**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 12:20**
Cal Date:
Run Date: **09/26/2006 12:20**
File ID: **OV.0609261220-20**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	88.3		1.00	1.00

Sample Number: **L0609540-12**
Client ID: **35-SMP074-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 23:21**
File ID: **14G9333**
Percent Solid: **88.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	56.6	28.3
Carbon Range C12-C28			U	56.6	28.3
Carbon Range C28-C35			U	56.6	28.3

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	101	31	130	
o-Terphenyl	101	70	130	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:32**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **20**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 19:43**
Cal Date:
Run Date: **10/06/2006 19:43**
File ID: **I1100606.22**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	201	100

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 19:55**
File ID: **IR.092806.195500**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	11900		16.9	8.43
Silver, Total	7440-22-4		U	1.69	0.211
Barium, Total	7440-39-3	574		0.422	0.0843
Beryllium, Total	7440-41-7	0.568		0.422	0.0101
Calcium, Total	7440-70-2	548		8.43	4.22

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 19:55**
File ID: **IR.092806.195500**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Cadmium, Total	7440-43-9	0.507		0.422	0.0422
Cobalt, Total	7440-48-4	5.45		0.843	0.101
Chromium, Total	7440-47-3	13.9		0.843	0.101
Copper, Total	7440-50-8	3.67		0.843	0.422
Iron, Total	7439-89-6	18600		1.69	0.843
Potassium, Total	7440-09-7	312		42.2	21.1
Magnesium, Total	7439-95-4	745		21.1	10.1
Sodium, Total	7440-23-5	330		21.1	4.22
Nickel, Total	7440-02-0	6.22		1.69	0.422
Vanadium, Total	7440-62-2	40.8		0.422	0.211
Zinc, Total	7440-66-6	15.5		0.843	0.422

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **10**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/29/2006 09:21**
Run Date: **09/29/2006 20:10**
File ID: **IR.092906.201000**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Manganese, Total	7439-96-5	3650		4.22	0.843

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 10:51**
File ID: **EL.092906.105131**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	1.51		0.342	0.0854
Antimony, Total	7440-36-0	0.102	J	0.114	0.0569
Selenium, Total	7782-49-2	0.291		0.228	0.114

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:32**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **5**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **10/02/2006 14:10**
Run Date: **10/02/2006 16:33**
File ID: **EL.100206.163356**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Lead, Total	7439-92-1	8.42		1.14	0.569
Thallium, Total	7440-28-0	0.0754	J	0.114	0.0569

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:24**
File ID: **HY.092606.142438**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6		U	0.285	0.0114

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 12:05**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 12:05**
File ID: **9M48993**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.9	5.43
Benzene	71-43-2		U	5.43	0.543
Bromobenzene	108-86-1		U	5.43	0.543
Bromochloromethane	74-97-5		U	5.43	0.543
Bromodichloromethane	75-27-4		U	5.43	0.543
Bromoform	75-25-2		U	5.43	0.543
Bromomethane	74-83-9		U	10.9	1.09
2-Butanone	78-93-3		U	10.9	2.72
n-Butylbenzene	104-51-8		U	5.43	0.543
sec-Butylbenzene	135-98-8		U	5.43	0.543
tert-Butylbenzene	98-06-6		U	5.43	0.543
Carbon disulfide	75-15-0		U	5.43	0.543
Carbon tetrachloride	56-23-5		U	5.43	0.543
Chlorobenzene	108-90-7		U	5.43	0.543
Chlorodibromomethane	124-48-1		U	5.43	0.543
Chloroethane	75-00-3		U	10.9	1.09
2-Chloroethyl vinyl ether	110-75-8		U	10.9	2.17
Chloroform	67-66-3		U	5.43	0.543
Chloromethane	74-87-3		U	10.9	2.17
2-Chlorotoluene	95-49-8		U	5.43	0.543
4-Chlorotoluene	106-43-4		U	5.43	0.543

Report Number: **L0609540**
Report Date : **October 11, 2006**

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Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 12:05**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 12:05**
File ID: **9M48993**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,2-Dibromo-3-chloropropane	96-12-8		U	5.43	2.17
1,2-Dibromoethane	106-93-4		U	5.43	0.543
Dibromomethane	74-95-3		U	5.43	0.543
1,2-Dichlorobenzene	95-50-1		U	5.43	0.543
1,3-Dichlorobenzene	541-73-1		U	5.43	0.543
1,4-Dichlorobenzene	106-46-7		U	5.43	0.543
Dichlorodifluoromethane	75-71-8		U	10.9	1.09
1,1-Dichloroethane	75-34-3		U	5.43	1.09
1,2-Dichloroethane	107-06-2		U	5.43	0.543
1,1-Dichloroethene	75-35-4		U	5.43	0.543
cis-1,2-Dichloroethene	156-59-2		U	5.43	0.543
trans-1,2-Dichloroethene	156-60-5		U	5.43	0.543
1,2-Dichloropropane	78-87-5		U	5.43	0.543
1,3-Dichloropropane	142-28-9		U	5.43	0.543
2,2-Dichloropropane	594-20-7		U	5.43	0.543
cis-1,3-Dichloropropene	10061-01-5		U	5.43	0.543
trans-1,3-Dichloropropene	10061-02-6		U	5.43	0.543
1,1-Dichloropropene	563-58-6		U	5.43	0.543
Ethylbenzene	100-41-4		U	5.43	0.543
2-Hexanone	591-78-6		U	10.9	2.72
Hexachlorobutadiene	87-68-3		U	5.43	0.543
Isopropylbenzene	98-82-8		U	5.43	0.543
p-Isopropyltoluene	99-87-6		U	5.43	0.543
4-Methyl-2-pentanone	108-10-1		U	10.9	2.72
Methylene chloride	75-09-2	1.39	J	5.43	1.09
Naphthalene	91-20-3		U	10.9	0.543
n-Propylbenzene	103-65-1		U	5.43	0.543
Styrene	100-42-5		U	5.43	0.543
1,1,1,2-Tetrachloroethane	630-20-6		U	5.43	0.543
1,1,2,2-Tetrachloroethane	79-34-5		U	5.43	0.543
Tetrachloroethene	127-18-4		U	5.43	0.543
Toluene	108-88-3		U	5.43	0.543
1,2,3-Trichlorobenzene	87-61-6		U	5.43	0.543
1,2,4-Trichlorobenzene	120-82-1		U	5.43	0.543
1,1,1-Trichloroethane	71-55-6		U	5.43	0.543
1,1,2-Trichloroethane	79-00-5		U	5.43	0.543
Trichloroethene	79-01-6		U	5.43	0.543
Trichlorofluoromethane	75-69-4		U	10.9	1.09
1,2,3-Trichloropropane	96-18-4		U	5.43	1.09
1,2,4-Trimethylbenzene	95-63-6		U	5.43	0.543
1,3,5-Trimethylbenzene	108-67-8		U	5.43	0.543
Vinyl acetate	108-05-4		U	10.9	1.09
Vinyl chloride	75-01-4		U	10.9	1.09
o-Xylene	95-47-6		U	5.43	0.543
m-,p-Xylene	136777-61-2		U	5.43	0.543

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 12:05**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 12:05**
File ID: **9M48993**
Percent Solid: **87.8**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.8	80	120	
1,2-Dichloroethane-d4	102	80	120	
Toluene-d8	95.5	81	117	
4-Bromofluorobenzene	91.4	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 11:11**
File ID: **5M42797**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Phenol	108-95-2		U	186	93.1
Bis(2-Chloroethyl)ether	111-44-4		U	186	93.1
2-Chlorophenol	95-57-8		U	186	93.1
1,3-Dichlorobenzene	541-73-1		U	186	93.1
1,4-Dichlorobenzene	106-46-7		U	186	93.1
Benzyl alcohol	100-51-6		U	186	93.1
1,2-Dichlorobenzene	95-50-1		U	186	93.1
2-Methylphenol	95-48-7		U	186	93.1
3-,4-Methylphenol	106-44-5		U	186	93.1
bis(2-Chloroisopropyl)ether	39638-32-9		U	186	93.1
N-Nitrosodipropylamine	621-64-7		U	186	93.1
Hexachloroethane	67-72-1		U	186	93.1
Nitrobenzene	98-95-3		U	186	93.1
Isophorone	78-59-1		U	186	93.1
2-Nitrophenol	88-75-5		U	186	93.1
2,4-Dimethylphenol	105-67-9		U	186	93.1
Benzoic acid	65-85-0		U	931	373
Bis(2-Chloroethoxy)Methane	111-91-1		U	186	93.1
2,4-Dichlorophenol	120-83-2		U	186	93.1
1,2,4-Trichlorobenzene	120-82-1		U	186	93.1
Naphthalene	91-20-3		U	186	93.1
4-Chloroaniline	106-47-8		U	186	93.1
Hexachlorobutadiene	87-68-3		U	186	93.1
4-Chloro-3-methylphenol	59-50-7		U	186	93.1
2-Methylnaphthalene	91-57-6		U	186	93.1
Hexachlorocyclopentadiene	77-47-4		U	186	93.1
2,4,6-Trichlorophenol	88-06-2		U	186	93.1
2,4,5-Trichlorophenol	95-95-4		U	186	93.1
2-Chloronaphthalene	91-58-7		U	186	93.1
2-Nitroaniline	88-74-4		U	931	373
Dimethylphthalate	131-11-3		U	186	93.1
Acenaphthylene	208-96-8		U	186	93.1
2,6-Dinitrotoluene	606-20-2		U	186	93.1

Report Number: **L0609540**
Report Date : **October 11, 2006**

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Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 11:11**
File ID: **5M42797**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
3-Nitroaniline	99-09-2		U	931	373
Acenaphthene	83-32-9		U	186	93.1
2,4-Dinitrophenol	51-28-5		U	931	373
4-Nitrophenol	100-02-7		U	931	373
Dibenzofuran	132-64-9		U	186	93.1
2,4-Dinitrotoluene	121-14-2		U	186	93.1
Diethylphthalate	84-66-2		U	186	93.1
4-Chlorophenyl-phenyl ether	7005-72-3		U	186	93.1
Fluorene	86-73-7		U	186	93.1
4-Nitroaniline	100-01-6		U	931	373
4,6-Dinitro-2-methylphenol	534-52-1		U	931	373
N-Nitrosodiphenylamine	86-30-6		U	186	93.1
4-Bromophenyl-phenylether	101-55-3		U	186	93.1
Hexachlorobenzene	118-74-1		U	186	93.1
Pentachlorophenol	87-86-5		U	931	373
Phenanthrene	85-01-8		U	186	93.1
Anthracene	120-12-7		U	186	93.1
Di-N-Butylphthalate	84-74-2		U	186	93.1
Fluoranthene	206-44-0		U	186	93.1
Pyrene	129-00-0		U	186	93.1
Butylbenzylphthalate	85-68-7		U	186	93.1
3,3'-Dichlorobenzidine	91-94-1		U	373	186
Benzo(a)anthracene	56-55-3		U	186	93.1
Chrysene	218-01-9		U	186	93.1
bis(2-Ethylhexyl)phthalate	117-81-7		U	186	93.1
Di-n-octylphthalate	117-84-0		U	186	93.1
Benzo(b)fluoranthene	205-99-2		U	186	93.1
Benzo(k)fluoranthene	207-08-9		U	186	93.1
Benzo(a)pyrene	50-32-8		U	186	93.1
Indeno(1,2,3-cd)pyrene	193-39-5		U	186	93.1
Dibenzo(a,h)Anthracene	53-70-3		U	186	93.1
Benzo(g,h,i)Perylene	191-24-2		U	186	93.1

Surrogate	% Recovery	Lower	Upper	Qual
2-Fluorophenol	48.4	25	121	
Phenol-d5	53.1	24	113	
Nitrobenzene-d5	55.1	23	120	
2-Fluorobiphenyl	57.3	30	115	
2,4,6-Tribromophenol	56.9	19	122	
p-Terphenyl-d14	53.4	18	137	

U Not detected at or above adjusted sample detection limit

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091870

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/21/2006 09:32**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-14**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	**10-02-6**	**87.8**		**1.00**	**1.00**

Sample Number: **L0609540-13**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 13:23**
File ID: **14G9318**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			**U**	**55.9**	**28.0**
Carbon Range C12-C28			**U**	**55.9**	**28.0**
Carbon Range C28-C35		**31.0**	**J**	**55.9**	**28.0**

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	**105**	**31**	**130**	
o-Terphenyl	**104**	**70**	**130**	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:32**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **20**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 20:44**
Cal Date:
Run Date: **10/06/2006 20:44**
File ID: **I1100606.25**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**	**287**		**200**	**99.8**

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:02**
File ID: **IR.092806.200200**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	**7429-90-5**	**24300**		**16.9**	**8.43**
Silver, Total	**7440-22-4**	**7.57**		**1.69**	**0.211**
Barium, Total	**7440-39-3**	**133**		**0.422**	**0.0843**
Beryllium, Total	**7440-41-7**	**1.65**		**0.422**	**0.0101**
Calcium, Total	**7440-70-2**	**753**		**8.43**	**4.22**

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:02**
File ID: **IR.092806.200200**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Cadmium, Total	7440-43-9	1.17		0.422	0.0422
Cobalt, Total	7440-48-4	7.53		0.843	0.101
Chromium, Total	7440-47-3	30.1		0.843	0.101
Copper, Total	7440-50-8	14.7		0.843	0.422
Iron, Total	7439-89-6	15500		1.69	0.843
Potassium, Total	7440-09-7	1650		42.2	21.1
Magnesium, Total	7439-95-4	1520		21.1	10.1
Sodium, Total	7440-23-5	1330		21.1	4.22
Nickel, Total	7440-02-0	20.1		1.69	0.422
Vanadium, Total	7440-62-2	54.1		0.422	0.211
Zinc, Total	7440-66-6	49.1		0.843	0.422

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **10**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/29/2006 09:21**
Run Date: **09/29/2006 20:16**
File ID: **IR.092906.201600**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Manganese, Total	7439-96-5	623		4.22	0.843

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 10:57**
File ID: **EL.092906.105735**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	10.9		0.342	0.0854
Antimony, Total	7440-36-0	0.545		0.114	0.0569
Selenium, Total	7782-49-2	8.83		0.228	0.114

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091872

Sample Number: **L0609540-14** | PrePrep Method: **NONE** | Instrument: **ELAN-ICP**
Client ID: **35-SMP074-SB01-02** | Prep Method: **3051** | Prep Date: **09/25/2006 07:30**
Matrix: **Soil** | Analytical Method: **6020** | Cal Date: **10/02/2006 14:10**
Workgroup Number: **WG223683** | Analyst: **JYH** | Run Date: **10/02/2006 16:40**
Collect Date: **09/21/2006 09:32** | Dilution: **5** | File ID: **EL.100206.164003**
Sample Tag: **DL01** | Units: **mg/kg** | Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Lead, Total	7439-92-1	23.0		1.14	0.569
Thallium, Total	7440-28-0	12.9		0.114	0.0569

Sample Number: **L0609540-14** | PrePrep Method: **NONE** | Instrument: **HYDRA**
Client ID: **35-SMP074-SB01-02** | Prep Method: **METHOD** | Prep Date: **09/25/2006 13:20**
Matrix: **Soil** | Analytical Method: **7471A** | Cal Date: **09/26/2006 13:58**
Workgroup Number: **WG223379** | Analyst: **PAS** | Run Date: **09/26/2006 14:26**
Collect Date: **09/21/2006 09:32** | Dilution: **1** | File ID: **HY.092606.142628**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.327		0.285	0.0114

Sample Number: **L0609540-14** | PrePrep Method: **NONE** | Instrument: **HPMS9**
Client ID: **35-SMP074-SB01-02** | Prep Method: **5030B** | Prep Date: **09/28/2006 12:37**
Matrix: **Soil** | Analytical Method: **8260B** | Cal Date: **09/13/2006 15:11**
Workgroup Number: **WG223575** | Analyst: **MES** | Run Date: **09/28/2006 12:37**
Collect Date: **09/21/2006 09:32** | Dilution: **1** | File ID: **9M48994**
Sample Tag: **01** | Units: **ug/kg** | Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	36.1		31.1	15.6
Benzene	71-43-2	27.7		15.6	1.56
Bromobenzene	108-86-1	17.4		15.6	1.56
Bromochloromethane	74-97-5	31.3		15.6	1.56
Bromodichloromethane	75-27-4	31.6		15.6	1.56
Bromoform	75-25-2	25.5		15.6	1.56
Bromomethane	74-83-9	43.4		31.1	3.11
2-Butanone	78-93-3	33.2		31.1	7.78
n-Butylbenzene	104-51-8	6.83	J	15.6	1.56
sec-Butylbenzene	135-98-8	6.29	J	15.6	1.56
tert-Butylbenzene	98-06-6	6.12	J	15.6	1.56
Carbon disulfide	75-15-0	24.7		15.6	1.56
Carbon tetrachloride	56-23-5	28.3		15.6	1.56
Chlorobenzene	108-90-7	16.9		15.6	1.56
Chlorodibromomethane	124-48-1	27.5		15.6	1.56
Chloroethane	75-00-3	47.7		31.1	3.11
2-Chloroethyl vinyl ether	110-75-8		U	31.1	6.22
Chloroform	67-66-3	33.4		15.6	1.56
Chloromethane	74-87-3	60.8		31.1	6.22
2-Chlorotoluene	95-49-8	12.0	J	15.6	1.56
4-Chlorotoluene	106-43-4	12.7	J	15.6	1.56

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091873

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 12:37**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 12:37**
File ID: **9M48994**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,2-Dibromo-3-chloropropane	96-12-8	34.1		15.6	6.22
1,2-Dibromoethane	106-93-4	28.6		15.6	1.56
Dibromomethane	74-95-3	31.0		15.6	1.56
1,2-Dichlorobenzene	95-50-1	14.0	J	15.6	1.56
1,3-Dichlorobenzene	541-73-1	12.6	J	15.6	1.56
1,4-Dichlorobenzene	106-46-7	13.0	J	15.6	1.56
Dichlorodifluoromethane	75-71-8	54.0		31.1	3.11
1,1-Dichloroethane	75-34-3	39.4		15.6	3.11
1,2-Dichloroethane	107-06-2	35.1		15.6	1.56
1,1-Dichloroethene	75-35-4	41.9		15.6	1.56
cis-1,2-Dichloroethene	156-59-2	30.5		15.6	1.56
trans-1,2-Dichloroethene	156-60-5	29.0		15.6	1.56
1,2-Dichloropropane	78-87-5	32.6		15.6	1.56
1,3-Dichloropropane	142-28-9	31.3		15.6	1.56
2,2-Dichloropropane	594-20-7	31.7		15.6	1.56
cis-1,3-Dichloropropene	10061-01-5	22.1		15.6	1.56
trans-1,3-Dichloropropene	10061-02-6	19.7		15.6	1.56
1,1-Dichloropropene	563-58-6	22.1		15.6	1.56
Ethylbenzene	100-41-4	12.7	J	15.6	1.56
2-Hexanone	591-78-6	29.8	J	31.1	7.78
Hexachlorobutadiene	87-68-3	5.17	J	15.6	1.56
Isopropylbenzene	98-82-8	8.04	J	15.6	1.56
p-Isopropyltoluene	99-87-6	6.60	J	15.6	1.56
4-Methyl-2-pentanone	108-10-1	31.8		31.1	7.78
Methylene chloride	75-09-2	38.4		15.6	3.11
Naphthalene	91-20-3	15.7	J	31.1	1.56
n-Propylbenzene	103-65-1	8.83	J	15.6	1.56
Styrene	100-42-5	14.3	J	15.6	1.56
1,1,1,2-Tetrachloroethane	630-20-6	22.5		15.6	1.56
1,1,2,2-Tetrachloroethane	79-34-5	30.5		15.6	1.56
Tetrachloroethene	127-18-4	11.7	J	15.6	1.56
Toluene	108-88-3	18.0		15.6	1.56
1,2,3-Trichlorobenzene	87-61-6	12.0	J	15.6	1.56
1,2,4-Trichlorobenzene	120-82-1	10.7	J	15.6	1.56
1,1,1-Trichloroethane	71-55-6	34.9		15.6	1.56
1,1,2-Trichloroethane	79-00-5	31.9		15.6	1.56
Trichloroethene	79-01-6	18.9		15.6	1.56
Trichlorofluoromethane	75-69-4	49.8		31.1	3.11
1,2,3-Trichloropropane	96-18-4	30.3		15.6	3.11
1,2,4-Trimethylbenzene	95-63-6	10.2	J	15.6	1.56
1,3,5-Trimethylbenzene	108-67-8	9.52	J	15.6	1.56
Vinyl acetate	108-05-4		U	31.1	3.11
Vinyl chloride	75-01-4	63.3		31.1	3.11
o-Xylene	95-47-6	14.3	J	15.6	1.56
m-,p-Xylene	136777-61-2	24.7		15.6	1.56

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091874

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 12:37**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 12:37**
File ID: **9M48994**
Percent Solid: **87.8**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	95.3	80	120	
1,2-Dichloroethane-d4	103	80	120	
Toluene-d8	94.7	81	117	
4-Bromofluorobenzene	91.5	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 11:43**
File ID: **5M42798**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Phenol	108-95-2	1430		186	93.1
Bis(2-Chloroethyl)ether	111-44-4	1440		186	93.1
2-Chlorophenol	95-57-8	1360		186	93.1
1,3-Dichlorobenzene	541-73-1	1310		186	93.1
1,4-Dichlorobenzene	106-46-7	1290		186	93.1
Benzyl alcohol	100-51-6	1440		186	93.1
1,2-Dichlorobenzene	95-50-1	1370		186	93.1
2-Methylphenol	95-48-7	1400		186	93.1
3-,4-Methylphenol	106-44-5	1600		186	93.1
bis(2-Chloroisopropyl)ether	39638-32-9	1380		186	93.1
N-Nitrosodipropylamine	621-64-7	1450		186	93.1
Hexachloroethane	67-72-1	1290		186	93.1
Nitrobenzene	98-95-3	1360		186	93.1
Isophorone	78-59-1	1470		186	93.1
2-Nitrophenol	88-75-5	1480		186	93.1
2,4-Dimethylphenol	105-67-9	1150		186	93.1
Benzoic acid	65-85-0	1720		931	373
Bis(2-Chloroethoxy)Methane	111-91-1	1140		186	93.1
2,4-Dichlorophenol	120-83-2	1430		186	93.1
1,2,4-Trichlorobenzene	120-82-1	1310		186	93.1
Naphthalene	91-20-3	1370		186	93.1
4-Chloroaniline	106-47-8	1110		186	93.1
Hexachlorobutadiene	87-68-3	1350		186	93.1
4-Chloro-3-methylphenol	59-50-7	1570		186	93.1
2-Methylnaphthalene	91-57-6	1420		186	93.1
Hexachlorocyclopentadiene	77-47-4	1560		186	93.1
2,4,6-Trichlorophenol	88-06-2	1590		186	93.1
2,4,5-Trichlorophenol	95-95-4	1760		186	93.1
2-Chloronaphthalene	91-58-7	1320		186	93.1
2-Nitroaniline	88-74-4	1870		931	373
Dimethylphthalate	131-11-3	1770		186	93.1
Acenaphthylene	208-96-8	1670		186	93.1
2,6-Dinitrotoluene	606-20-2	1820		186	93.1

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091875

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 11:43**
File ID: **5M42798**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
3-Nitroaniline	99-09-2	1920		931	373
Acenaphthene	83-32-9	1630		186	93.1
2,4-Dinitrophenol	51-28-5	2570		931	373
4-Nitrophenol	100-02-7	2140		931	373
Dibenzofuran	132-64-9	1710		186	93.1
2,4-Dinitrotoluene	121-14-2	2260		186	93.1
Diethylphthalate	84-66-2	1890		186	93.1
4-Chlorophenyl-phenyl ether	7005-72-3	1790		186	93.1
Fluorene	86-73-7	1820		186	93.1
4-Nitroaniline	100-01-6	1970		931	373
4,6-Dinitro-2-methylphenol	534-52-1	2350		931	373
N-Nitrosodiphenylamine	86-30-6	560		186	93.1
4-Bromophenyl-phenylether	101-55-3	1590		186	93.1
Hexachlorobenzene	118-74-1	1900		186	93.1
Pentachlorophenol	87-86-5	2770		931	373
Phenanthrene	85-01-8	2140		186	93.1
Anthracene	120-12-7	2170		186	93.1
Di-N-Butylphthalate	84-74-2	2210		186	93.1
Fluoranthene	206-44-0	2200		186	93.1
Pyrene	129-00-0	2130		186	93.1
Butylbenzylphthalate	85-68-7	2350		186	93.1
3,3'-Dichlorobenzidine	91-94-1	294	J	373	186
Benzo(a)anthracene	56-55-3	2040		186	93.1
Chrysene	218-01-9	2100		186	93.1
bis(2-Ethylhexyl)phthalate	117-81-7	2150		186	93.1
Di-n-octylphthalate	117-84-0	2200		186	93.1
Benzo(b)fluoranthene	205-99-2	2010		186	93.1
Benzo(k)fluoranthene	207-08-9	1980		186	93.1
Benzo(a)pyrene	50-32-8	2090		186	93.1
Indeno(1,2,3-cd)pyrene	193-39-5	1950		186	93.1
Dibenzo(a,h)Anthracene	53-70-3	1970		186	93.1
Benzo(g,h,i)Perylene	191-24-2	1900		186	93.1

Surrogate	% Recovery	Lower	Upper	Qual
2-Fluorophenol	42.2	25	121	
Phenol-d5	47.2	24	113	
Nitrobenzene-d5	46.1	23	120	
2-Fluorobiphenyl	51.9	30	115	
2,4,6-Tribromophenol	62.1	19	122	
p-Terphenyl-d14	56.5	18	137	

J The analyte was positively identified, but the quantitation was below the RL

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091876

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/21/2006 09:32**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-15**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	**10-02-6**	**87.8**		**1.00**	**1.00**

Sample Number: **L0609540-14**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 14:02**
File ID: **14G9319**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12		**474**		**56.0**	**28.0**
Carbon Range C12-C28		**553**		**56.0**	**28.0**
Carbon Range C28-C35			**U**	**56.0**	**28.0**
Carbon Range C6-C35		**1040**		**56.0**	**28.0**

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	**106**	**31**	**130**	
o-Terphenyl	**104**	**70**	**130**	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:32**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **20**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 21:04**
Cal Date:
Run Date: **10/06/2006 21:04**
File ID: **I1100606.26**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**	**289**		**200**	**99.8**

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:08**
File ID: **IR.092806.200800**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	**7429-90-5**	**23900**		**16.9**	**8.43**
Silver, Total	**7440-22-4**	**7.59**		**1.69**	**0.211**
Barium, Total	**7440-39-3**	**86.6**		**0.422**	**0.0843**
Beryllium, Total	**7440-41-7**	**1.62**		**0.422**	**0.0101**

Report Number: **L0609540**
Report Date : **October 11, 2006**

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Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:08**
File ID: **IR.092806.200800**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Calcium, Total	7440-70-2	772		8.43	4.22
Cadmium, Total	7440-43-9	1.14		0.422	0.0422
Cobalt, Total	7440-48-4	6.91		0.843	0.101
Chromium, Total	7440-47-3	29.3		0.843	0.101
Copper, Total	7440-50-8	14.7		0.843	0.422
Iron, Total	7439-89-6	13300		1.69	0.843
Potassium, Total	7440-09-7	1630		42.2	21.1
Magnesium, Total	7439-95-4	1520		21.1	10.1
Sodium, Total	7440-23-5	1330		21.1	4.22
Nickel, Total	7440-02-0	19.8		1.69	0.422
Vanadium, Total	7440-62-2	47.6		0.422	0.211
Zinc, Total	7440-66-6	48.4		0.843	0.422

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **10**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/29/2006 09:21**
Run Date: **09/29/2006 20:22**
File ID: **IR.092906.202200**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Manganese, Total	7439-96-5	278		4.22	0.843

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 11:03**
File ID: **EL.092906.110338**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	10.3		0.342	0.0854
Antimony, Total	7440-36-0	0.455		0.114	0.0569
Selenium, Total	7782-49-2	8.73		0.228	0.114

Report Number: **L0609540**
Report Date : **October 11, 2006**

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Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:32**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **5**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **10/02/2006 14:10**
Run Date: **10/02/2006 16:46**
File ID: **EL.100206.164610**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Lead, Total	7439-92-1	18.4		1.14	0.569
Thallium, Total	7440-28-0	11.7		0.114	0.0569

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:28**
File ID: **HY.092606.142806**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.334		0.285	0.0114

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 13:09**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 13:09**
File ID: **9M48995**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	19.3		11.3	5.66
Benzene	71-43-2	10.8		5.66	0.566
Bromobenzene	108-86-1	8.14		5.66	0.566
Bromochloromethane	74-97-5	13.5		5.66	0.566
Bromodichloromethane	75-27-4	13.9		5.66	0.566
Bromoform	75-25-2	12.1		5.66	0.566
Bromomethane	74-83-9	17.4		11.3	1.13
2-Butanone	78-93-3	17.1		11.3	2.83
n-Butylbenzene	104-51-8	3.10	J	5.66	0.566
sec-Butylbenzene	135-98-8	2.77	J	5.66	0.566
tert-Butylbenzene	98-06-6	2.80	J	5.66	0.566
Carbon disulfide	75-15-0	9.86		5.66	0.566
Carbon tetrachloride	56-23-5	9.59		5.66	0.566
Chlorobenzene	108-90-7	7.72		5.66	0.566
Chlorodibromomethane	124-48-1	12.9		5.66	0.566
Chloroethane	75-00-3	18.2		11.3	1.13
2-Chloroethyl vinyl ether	110-75-8		U	11.3	2.26
Chloroform	67-66-3	13.5		5.66	0.566
Chloromethane	74-87-3	24.5		11.3	2.26
2-Chlorotoluene	95-49-8	5.83		5.66	0.566
4-Chlorotoluene	106-43-4	6.07		5.66	0.566

Report Number: **L0609540**
Report Date : **October 11, 2006**

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Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 13:09**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 13:09**
File ID: **9M48995**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,2-Dibromo-3-chloropropane	96-12-8	14.7		5.66	2.26
1,2-Dibromoethane	106-93-4	13.1		5.66	0.566
Dibromomethane	74-95-3	14.2		5.66	0.566
1,2-Dichlorobenzene	95-50-1	6.99		5.66	0.566
1,3-Dichlorobenzene	541-73-1	6.17		5.66	0.566
1,4-Dichlorobenzene	106-46-7	6.39		5.66	0.566
Dichlorodifluoromethane	75-71-8	20.8		11.3	1.13
1,1-Dichloroethane	75-34-3	14.9		5.66	1.13
1,2-Dichloroethane	107-06-2	15.5		5.66	0.566
1,1-Dichloroethene	75-35-4	14.7		5.66	0.566
cis-1,2-Dichloroethene	156-59-2	12.1		5.66	0.566
trans-1,2-Dichloroethene	156-60-5	10.4		5.66	0.566
1,2-Dichloropropane	78-87-5	13.9		5.66	0.566
1,3-Dichloropropane	142-28-9	14.5		5.66	0.566
2,2-Dichloropropane	594-20-7	10.7		5.66	0.566
cis-1,3-Dichloropropene	10061-01-5	9.93		5.66	0.566
trans-1,3-Dichloropropene	10061-02-6	9.02		5.66	0.566
1,1-Dichloropropene	563-58-6	7.50		5.66	0.566
Ethylbenzene	100-41-4	5.53	J	5.66	0.566
2-Hexanone	591-78-6	16.0		11.3	2.83
Hexachlorobutadiene	87-68-3	2.08	J	5.66	0.566
Isopropylbenzene	98-82-8	3.48	J	5.66	0.566
p-Isopropyltoluene	99-87-6	2.89	J	5.66	0.566
4-Methyl-2-pentanone	108-10-1	16.2		11.3	2.83
Methylene chloride	75-09-2	15.8		5.66	1.13
Naphthalene	91-20-3	7.97	J	11.3	0.566
n-Propylbenzene	103-65-1	3.85	J	5.66	0.566
Styrene	100-42-5	6.83		5.66	0.566
1,1,1,2-Tetrachloroethane	630-20-6	10.3		5.66	0.566
1,1,2,2-Tetrachloroethane	79-34-5	14.5		5.66	0.566
Tetrachloroethene	127-18-4	4.28	J	5.66	0.566
Toluene	108-88-3	7.58		5.66	0.566
1,2,3-Trichlorobenzene	87-61-6	5.87		5.66	0.566
1,2,4-Trichlorobenzene	120-82-1	5.14	J	5.66	0.566
1,1,1-Trichloroethane	71-55-6	12.3		5.66	0.566
1,1,2-Trichloroethane	79-00-5	15.3		5.66	0.566
Trichloroethene	79-01-6	7.01		5.66	0.566
Trichlorofluoromethane	75-69-4	17.7		11.3	1.13
1,2,3-Trichloropropane	96-18-4	15.1		5.66	1.13
1,2,4-Trimethylbenzene	95-63-6	4.81	J	5.66	0.566
1,3,5-Trimethylbenzene	108-67-8	4.44	J	5.66	0.566
Vinyl acetate	108-05-4		U	11.3	1.13
Vinyl chloride	75-01-4	23.8		11.3	1.13
o-Xylene	95-47-6	6.45		5.66	0.566
m-,p-Xylene	136777-61-2	10.9		5.66	0.566

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091880

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 13:09**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 13:09**
File ID: **9M48995**
Percent Solid: **87.8**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.9	80	120	
1,2-Dichloroethane-d4	99.9	80	120	
Toluene-d8	94.7	81	117	
4-Bromofluorobenzene	89.6	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 12:16**
File ID: **5M42799**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Phenol	108-95-2	1400		186	93.1
Bis(2-Chloroethyl)ether	111-44-4	1360		186	93.1
2-Chlorophenol	95-57-8	1340		186	93.1
1,3-Dichlorobenzene	541-73-1	1300		186	93.1
1,4-Dichlorobenzene	106-46-7	1280		186	93.1
Benzyl alcohol	100-51-6	1390		186	93.1
1,2-Dichlorobenzene	95-50-1	1360		186	93.1
2-Methylphenol	95-48-7	1350		186	93.1
3-,4-Methylphenol	106-44-5	1550		186	93.1
bis(2-Chloroisopropyl)ether	39638-32-9	1270		186	93.1
N-Nitrosodipropylamine	621-64-7	1350		186	93.1
Hexachloroethane	67-72-1	1250		186	93.1
Nitrobenzene	98-95-3	1310		186	93.1
Isophorone	78-59-1	1410		186	93.1
2-Nitrophenol	88-75-5	1480		186	93.1
2,4-Dimethylphenol	105-67-9	1090		186	93.1
Benzoic acid	65-85-0	1680		931	373
Bis(2-Chloroethoxy)Methane	111-91-1	1080		186	93.1
2,4-Dichlorophenol	120-83-2	1400		186	93.1
1,2,4-Trichlorobenzene	120-82-1	1310		186	93.1
Naphthalene	91-20-3	1320		186	93.1
4-Chloroaniline	106-47-8	1030		186	93.1
Hexachlorobutadiene	87-68-3	1390		186	93.1
4-Chloro-3-methylphenol	59-50-7	1440		186	93.1
2-Methylnaphthalene	91-57-6	1400		186	93.1
Hexachlorocyclopentadiene	77-47-4	1600		186	93.1
2,4,6-Trichlorophenol	88-06-2	1510		186	93.1
2,4,5-Trichlorophenol	95-95-4	1620		186	93.1
2-Chloronaphthalene	91-58-7	1270		186	93.1
2-Nitroaniline	88-74-4	1680		931	373
Dimethylphthalate	131-11-3	1610		186	93.1
Acenaphthylene	208-96-8	1560		186	93.1
2,6-Dinitrotoluene	606-20-2	1680		186	93.1

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091881

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 12:16**
File ID: **5M42799**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
3-Nitroaniline	99-09-2	1810		931	373
Acenaphthene	83-32-9	1520		186	93.1
2,4-Dinitrophenol	51-28-5	2570		931	373
4-Nitrophenol	100-02-7	2020		931	373
Dibenzofuran	132-64-9	1600		186	93.1
2,4-Dinitrotoluene	121-14-2	2190		186	93.1
Diethylphthalate	84-66-2	1770		186	93.1
4-Chlorophenyl-phenyl ether	7005-72-3	1650		186	93.1
Fluorene	86-73-7	1640		186	93.1
4-Nitroaniline	100-01-6	1980		931	373
4,6-Dinitro-2-methylphenol	534-52-1	2370		931	373
N-Nitrosodiphenylamine	86-30-6	1180		186	93.1
4-Bromophenyl-phenylether	101-55-3	1480		186	93.1
Hexachlorobenzene	118-74-1	1830		186	93.1
Pentachlorophenol	87-86-5	2830		931	373
Phenanthrene	85-01-8	2030		186	93.1
Anthracene	120-12-7	2070		186	93.1
Di-N-Butylphthalate	84-74-2	2230		186	93.1
Fluoranthene	206-44-0	2250		186	93.1
Pyrene	129-00-0	2140		186	93.1
Butylbenzylphthalate	85-68-7	2340		186	93.1
3,3'-Dichlorobenzidine	91-94-1	447		373	186
Benzo(a)anthracene	56-55-3	2070		186	93.1
Chrysene	218-01-9	2130		186	93.1
bis(2-Ethylhexyl)phthalate	117-81-7	2120		186	93.1
Di-n-octylphthalate	117-84-0	2160		186	93.1
Benzo(b)fluoranthene	205-99-2	2020		186	93.1
Benzo(k)fluoranthene	207-08-9	2050		186	93.1
Benzo(a)pyrene	50-32-8	2110		186	93.1
Indeno(1,2,3-cd)pyrene	193-39-5	1980		186	93.1
Dibenzo(a,h)Anthracene	53-70-3	2000		186	93.1
Benzo(g,h,i)Perylene	191-24-2	1940		186	93.1

Surrogate	% Recovery	Lower	Upper	Qual
2-Fluorophenol	41.7	25	121	
Phenol-d5	46.4	24	113	
Nitrobenzene-d5	44.1	23	120	
2-Fluorobiphenyl	50.1	30	115	
2,4,6-Tribromophenol	62.4	19	122	
p-Terphenyl-d14	60.0	18	137	

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/21/2006 09:32**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-16**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	**10-02-6**	**87.8**		**1.00**	**1.00**

Sample Number: **L0609540-15**
Client ID: **35-SMP074-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/26/2006 14:41**
File ID: **14G9320**
Percent Solid: **87.8**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12		**467**		**56.1**	**28.0**
Carbon Range C12-C28		**556**		**56.1**	**28.0**
Carbon Range C28-C35			**U**	**56.1**	**28.0**
Carbon Range C6-C35		**904**		**56.1**	**28.0**

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	**106**	**31**	**130**	
o-Terphenyl	**105**	**70**	**130**	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-16**
Client ID: **35-SMP074-SB01-02-QC**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:32**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **20**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 21:25**
Cal Date:
Run Date: **10/06/2006 21:25**
File ID: **I1100606.27**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**		**U**	**195**	**97.4**

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-16**
Client ID: **35-SMP074-SB01-02-QC**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:14**
File ID: **IR.092806.201400**
Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	**7429-90-5**	**8930**		**15.9**	**7.95**
Silver, Total	**7440-22-4**		**U**	**1.59**	**0.199**
Barium, Total	**7440-39-3**	**73.1**		**0.397**	**0.0795**
Beryllium, Total	**7440-41-7**	**0.440**		**0.397**	**0.00954**

Sample Number: **L0609540-16** | PrePrep Method: **NONE** | Instrument: **IRIS-ICP**
Client ID: **35-SMP074-SB01-02-QC** | Prep Method: **3050B** | Prep Date: **09/25/2006 06:40**
Matrix: **Soil** | Analytical Method: **6010B** | Cal Date: **09/28/2006 09:07**
Workgroup Number: **WG223267** | Analyst: **SLP** | Run Date: **09/28/2006 20:14**
Collect Date: **09/21/2006 09:32** | Dilution: **1** | File ID: **IR.092806.201400**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Calcium, Total	7440-70-2	768		7.95	3.97
Cadmium, Total	7440-43-9	0.103	J	0.397	0.0397
Cobalt, Total	7440-48-4	4.14		0.795	0.0954
Chromium, Total	7440-47-3	11.9		0.795	0.0954
Copper, Total	7440-50-8	4.86		0.795	0.397
Iron, Total	7439-89-6	9850		1.59	0.795
Potassium, Total	7440-09-7	282		39.7	19.9
Magnesium, Total	7439-95-4	672		19.9	9.54
Manganese, Total	7439-96-5	241		0.397	0.0795
Sodium, Total	7440-23-5	242		19.9	3.97
Nickel, Total	7440-02-0	7.30		1.59	0.397
Vanadium, Total	7440-62-2	21.0		0.397	0.199
Zinc, Total	7440-66-6	21.0		0.795	0.397

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-16** | PrePrep Method: **NONE** | Instrument: **ELAN-ICP**
Client ID: **35-SMP074-SB01-02-QC** | Prep Method: **3051** | Prep Date: **09/25/2006 07:30**
Matrix: **Soil** | Analytical Method: **6020** | Cal Date: **09/29/2006 09:41**
Workgroup Number: **WG223683** | Analyst: **JYH** | Run Date: **09/29/2006 12:31**
Collect Date: **09/21/2006 09:32** | Dilution: **1** | File ID: **EL.092906.123127**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	2.50		0.341	0.0852
Lead, Total	7439-92-1	14.5		0.227	0.114
Antimony, Total	7440-36-0		U	0.114	0.0568
Selenium, Total	7782-49-2	0.365		0.227	0.114
Thallium, Total	7440-28-0	0.0680		0.0227	0.0114

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-16** | PrePrep Method: **NONE** | Instrument: **HYDRA**
Client ID: **35-SMP074-SB01-02-QC** | Prep Method: **METHOD** | Prep Date: **09/25/2006 13:20**
Matrix: **Soil** | Analytical Method: **7471A** | Cal Date: **09/26/2006 13:58**
Workgroup Number: **WG223379** | Analyst: **PAS** | Run Date: **09/26/2006 14:29**
Collect Date: **09/21/2006 09:32** | Dilution: **1** | File ID: **HY.092606.142957**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6		U	0.284	0.0114

U Not detected at or above adjusted sample detection limit

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091884

Sample Number: **L0609540-16**
Client ID: **35-SMP074-SB01-02-QC**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 20:03**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 20:03**
File ID: **9M49008**
Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.7	5.35
Benzene	71-43-2		U	5.35	0.535
Bromobenzene	108-86-1		U	5.35	0.535
Bromochloromethane	74-97-5		U	5.35	0.535
Bromodichloromethane	75-27-4		U	5.35	0.535
Bromoform	75-25-2		U	5.35	0.535
Bromomethane	74-83-9		U	10.7	1.07
2-Butanone	78-93-3		U	10.7	2.68
n-Butylbenzene	104-51-8		U	5.35	0.535
sec-Butylbenzene	135-98-8		U	5.35	0.535
tert-Butylbenzene	98-06-6		U	5.35	0.535
Carbon disulfide	75-15-0		U	5.35	0.535
Carbon tetrachloride	56-23-5		U	5.35	0.535
Chlorobenzene	108-90-7		U	5.35	0.535
Chlorodibromomethane	124-48-1		U	5.35	0.535
Chloroethane	75-00-3		U	10.7	1.07
2-Chloroethyl vinyl ether	110-75-8		U	10.7	2.14
Chloroform	67-66-3		U	5.35	0.535
Chloromethane	74-87-3		U	10.7	2.14
2-Chlorotoluene	95-49-8		U	5.35	0.535
4-Chlorotoluene	106-43-4		U	5.35	0.535
1,2-Dibromo-3-chloropropane	96-12-8		U	5.35	2.14
1,2-Dibromoethane	106-93-4		U	5.35	0.535
Dibromomethane	74-95-3		U	5.35	0.535
1,2-Dichlorobenzene	95-50-1		U	5.35	0.535
1,3-Dichlorobenzene	541-73-1		U	5.35	0.535
1,4-Dichlorobenzene	106-46-7		U	5.35	0.535
Dichlorodifluoromethane	75-71-8		U	10.7	1.07
1,1-Dichloroethane	75-34-3		U	5.35	1.07
1,2-Dichloroethane	107-06-2		U	5.35	0.535
1,1-Dichloroethene	75-35-4		U	5.35	0.535
cis-1,2-Dichloroethene	156-59-2		U	5.35	0.535
trans-1,2-Dichloroethene	156-60-5		U	5.35	0.535
1,2-Dichloropropane	78-87-5		U	5.35	0.535
1,3-Dichloropropane	142-28-9		U	5.35	0.535
2,2-Dichloropropane	594-20-7		U	5.35	0.535
cis-1,3-Dichloropropene	10061-01-5		U	5.35	0.535
trans-1,3-Dichloropropene	10061-02-6		U	5.35	0.535
1,1-Dichloropropene	563-58-6		U	5.35	0.535
Ethylbenzene	100-41-4		U	5.35	0.535
2-Hexanone	591-78-6		U	10.7	2.68
Hexachlorobutadiene	87-68-3		U	5.35	0.535
Isopropylbenzene	98-82-8		U	5.35	0.535
p-Isopropyltoluene	99-87-6		U	5.35	0.535
4-Methyl-2-pentanone	108-10-1		U	10.7	2.68
Methylene chloride	75-09-2	1.85	J	5.35	1.07
Naphthalene	91-20-3		U	10.7	0.535
n-Propylbenzene	103-65-1		U	5.35	0.535

Sample Number: **L0609540-16**
Client ID: **35-SMP074-SB01-02-QC**
Matrix: **Soil**
Workgroup Number: **WG223575**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/28/2006 20:03**
Cal Date: **09/13/2006 15:11**
Run Date: **09/28/2006 20:03**
File ID: **9M49008**
Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	5.35	0.535
1,1,1,2-Tetrachloroethane	630-20-6		U	5.35	0.535
1,1,2,2-Tetrachloroethane	79-34-5		U	5.35	0.535
Tetrachloroethene	127-18-4		U	5.35	0.535
Toluene	108-88-3		U	5.35	0.535
1,2,3-Trichlorobenzene	87-61-6		U	5.35	0.535
1,2,4-Trichlorobenzene	120-82-1		U	5.35	0.535
1,1,1-Trichloroethane	71-55-6		U	5.35	0.535
1,1,2-Trichloroethane	79-00-5		U	5.35	0.535
Trichloroethene	79-01-6		U	5.35	0.535
Trichlorofluoromethane	75-69-4		U	10.7	1.07
1,2,3-Trichloropropane	96-18-4		U	5.35	1.07
1,2,4-Trimethylbenzene	95-63-6		U	5.35	0.535
1,3,5-Trimethylbenzene	108-67-8		U	5.35	0.535
Vinyl acetate	108-05-4		U	10.7	1.07
Vinyl chloride	75-01-4		U	10.7	1.07
o-Xylene	95-47-6		U	5.35	0.535
m-,p-Xylene	136777-61-2		U	5.35	0.535

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	98.1	80	120	
1,2-Dichloroethane-d4	118	80	120	
Toluene-d8	93.6	81	117	
4-Bromofluorobenzene	92.1	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-16**
Client ID: **35-SMP074-SB01-02-QC**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 13:21**
File ID: **5M42801**
Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Phenol	108-95-2		U	185	92.3
Bis(2-Chloroethyl)ether	111-44-4		U	185	92.3
2-Chlorophenol	95-57-8		U	185	92.3
1,3-Dichlorobenzene	541-73-1		U	185	92.3
1,4-Dichlorobenzene	106-46-7		U	185	92.3
Benzyl alcohol	100-51-6		U	185	92.3
1,2-Dichlorobenzene	95-50-1		U	185	92.3
2-Methylphenol	95-48-7		U	185	92.3
3-,4-Methylphenol	106-44-5		U	185	92.3
bis(2-Chloroisopropyl)ether	39638-32-9		U	185	92.3
N-Nitrosodipropylamine	621-64-7		U	185	92.3
Hexachloroethane	67-72-1		U	185	92.3
Nitrobenzene	98-95-3		U	185	92.3
Isophorone	78-59-1		U	185	92.3

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091886

Sample Number: **L0609540-16**
Client ID: **35-SMP074-SB01-02-QC**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 13:21**
File ID: **5M42801**
Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2-Nitrophenol	88-75-5		U	185	92.3
2,4-Dimethylphenol	105-67-9		U	185	92.3
Benzoic acid	65-85-0		U	923	369
Bis(2-Chloroethoxy)Methane	111-91-1		U	185	92.3
2,4-Dichlorophenol	120-83-2		U	185	92.3
1,2,4-Trichlorobenzene	120-82-1		U	185	92.3
Naphthalene	91-20-3		U	185	92.3
4-Chloroaniline	106-47-8		U	185	92.3
Hexachlorobutadiene	87-68-3		U	185	92.3
4-Chloro-3-methylphenol	59-50-7		U	185	92.3
2-Methylnaphthalene	91-57-6		U	185	92.3
Hexachlorocyclopentadiene	77-47-4		U	185	92.3
2,4,6-Trichlorophenol	88-06-2		U	185	92.3
2,4,5-Trichlorophenol	95-95-4		U	185	92.3
2-Chloronaphthalene	91-58-7		U	185	92.3
2-Nitroaniline	88-74-4		U	923	369
Dimethylphthalate	131-11-3		U	185	92.3
Acenaphthylene	208-96-8		U	185	92.3
2,6-Dinitrotoluene	606-20-2		U	185	92.3
3-Nitroaniline	99-09-2		U	923	369
Acenaphthene	83-32-9		U	185	92.3
2,4-Dinitrophenol	51-28-5		U	923	369
4-Nitrophenol	100-02-7		U	923	369
Dibenzofuran	132-64-9		U	185	92.3
2,4-Dinitrotoluene	121-14-2		U	185	92.3
Diethylphthalate	84-66-2		U	185	92.3
4-Chlorophenyl-phenyl ether	7005-72-3		U	185	92.3
Fluorene	86-73-7		U	185	92.3
4-Nitroaniline	100-01-6		U	923	369
4,6-Dinitro-2-methylphenol	534-52-1		U	923	369
N-Nitrosodiphenylamine	86-30-6		U	185	92.3
4-Bromophenyl-phenylether	101-55-3		U	185	92.3
Hexachlorobenzene	118-74-1		U	185	92.3
Pentachlorophenol	87-86-5		U	923	369
Phenanthrene	85-01-8		U	185	92.3
Anthracene	120-12-7		U	185	92.3
Di-N-Butylphthalate	84-74-2		U	185	92.3
Fluoranthene	206-44-0		U	185	92.3
Pyrene	129-00-0		U	185	92.3
Butylbenzylphthalate	85-68-7		U	185	92.3
3,3'-Dichlorobenzidine	91-94-1		U	369	185
Benzo(a)anthracene	56-55-3		U	185	92.3
Chrysene	218-01-9		U	185	92.3
bis(2-Ethylhexyl)phthalate	117-81-7		U	185	92.3
Di-n-octylphthalate	117-84-0		U	185	92.3
Benzo(b)fluoranthene	205-99-2		U	185	92.3
Benzo(k)fluoranthene	207-08-9		U	185	92.3
Benzo(a)pyrene	50-32-8		U	185	92.3

Sample Number: **L0609540-16**
Client ID: **35-SMP074-SB01-02-QC**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 13:21**
File ID: **5M42801**
Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Indeno(1,2,3-cd)pyrene	193-39-5		U	185	92.3
Dibenzo(a,h)Anthracene	53-70-3		U	185	92.3
Benzo(g,h,i)Perylene	191-24-2		U	185	92.3

Surrogate	% Recovery	Lower	Upper	Qual
2-Fluorophenol	47.4	25	121	
Phenol-d5	52.6	24	113	
Nitrobenzene-d5	55.8	23	120	
2-Fluorobiphenyl	56.8	30	115	
2,4,6-Tribromophenol	51.1	19	122	
p-Terphenyl-d14	51.5	18	137	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-16**
Client ID: **35-SMP074-SB01-02-QC**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/21/2006 09:32**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-17**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	88.0		1.00	1.00

Sample Number: **L0609540-16**
Client ID: **35-SMP074-SB01-02-QC**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 09:32**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/27/2006 00:01**
File ID: **14G9334**
Percent Solid: **88.0**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	56.4	28.2
Carbon Range C12-C28			U	56.4	28.2
Carbon Range C28-C35			U	56.4	28.2

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	109	31	130	
o-Terphenyl	110	70	130	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-17**
Client ID: **35-SMP074-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **10**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 21:45**
Cal Date:
Run Date: **10/06/2006 21:45**
File ID: **I1100606.28**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	96.3	48.1

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-17**
Client ID: **35-SMP074-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:20**
File ID: **IR.092806.202000**
Percent Solid: **89.1**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	9730		22.4	11.2
Silver, Total	7440-22-4		U	2.24	0.281
Barium, Total	7440-39-3	129		0.561	0.112
Beryllium, Total	7440-41-7	0.545	J	0.561	0.0135
Calcium, Total	7440-70-2	1330		11.2	5.61
Cadmium, Total	7440-43-9	0.161	J	0.561	0.0561
Cobalt, Total	7440-48-4	7.12		1.12	0.135
Chromium, Total	7440-47-3	11.5		1.12	0.135
Copper, Total	7440-50-8	3.46		1.12	0.561
Iron, Total	7439-89-6	9140		2.24	1.12
Potassium, Total	7440-09-7	329		56.1	28.1
Magnesium, Total	7439-95-4	732		28.1	13.5
Manganese, Total	7439-96-5	237		0.561	0.112
Sodium, Total	7440-23-5	325		28.1	5.61
Nickel, Total	7440-02-0	6.42		2.24	0.561
Vanadium, Total	7440-62-2	22.4		0.561	0.281
Zinc, Total	7440-66-6	16.8		1.12	0.561

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-17**
Client ID: **35-SMP074-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 12:37**
File ID: **EL.092906.123732**
Percent Solid: **89.1**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	1.41		0.330	0.0825
Lead, Total	7439-92-1	9.05		0.220	0.110
Antimony, Total	7440-36-0		U	0.110	0.0550
Selenium, Total	7782-49-2	0.217	J	0.220	0.110
Thallium, Total	7440-28-0	0.0688		0.0220	0.0110

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-17**
Client ID: **35-SMP074-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:35**
File ID: **HY.092606.143557**
Percent Solid: **89.1**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0218	J	0.272	0.0109

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-17**
Client ID: **35-SMP074-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **5**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 18:45**
File ID: **5M42811**
Percent Solid: **89.1**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Phenol	108-95-2		U	918	459
Bis(2-Chloroethyl)ether	111-44-4		U	918	459
2-Chlorophenol	95-57-8		U	918	459
1,3-Dichlorobenzene	541-73-1		U	918	459
1,4-Dichlorobenzene	106-46-7		U	918	459
Benzyl alcohol	100-51-6		U	918	459
1,2-Dichlorobenzene	95-50-1		U	918	459
2-Methylphenol	95-48-7		U	918	459
3-,4-Methylphenol	106-44-5		U	918	459
bis(2-Chloroisopropyl)ether	39638-32-9		U	918	459
N-Nitrosodipropylamine	621-64-7		U	918	459
Hexachloroethane	67-72-1		U	918	459
Nitrobenzene	98-95-3		U	918	459
Isophorone	78-59-1		U	918	459
2-Nitrophenol	88-75-5		U	918	459
2,4-Dimethylphenol	105-67-9		U	918	459
Benzoic acid	65-85-0		U	4590	1840
Bis(2-Chloroethoxy)Methane	111-91-1		U	918	459
2,4-Dichlorophenol	120-83-2		U	918	459
1,2,4-Trichlorobenzene	120-82-1		U	918	459
Naphthalene	91-20-3		U	918	459
4-Chloroaniline	106-47-8		U	918	459
Hexachlorobutadiene	87-68-3		U	918	459
4-Chloro-3-methylphenol	59-50-7		U	918	459
2-Methylnaphthalene	91-57-6		U	918	459
Hexachlorocyclopentadiene	77-47-4		U	918	459
2,4,6-Trichlorophenol	88-06-2		U	918	459
2,4,5-Trichlorophenol	95-95-4		U	918	459
2-Chloronaphthalene	91-58-7		U	918	459
2-Nitroaniline	88-74-4		U	4590	1840
Dimethylphthalate	131-11-3		U	918	459
Acenaphthylene	208-96-8		U	918	459
2,6-Dinitrotoluene	606-20-2		U	918	459
3-Nitroaniline	99-09-2		U	4590	1840

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091890

Sample Number: **L0609540-17**
Client ID: **35-SMP074-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **5**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 18:45**
File ID: **5M42811**
Percent Solid: **89.1**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acenaphthene	83-32-9		U	918	459
2,4-Dinitrophenol	51-28-5		U	4590	1840
4-Nitrophenol	100-02-7		U	4590	1840
Dibenzofuran	132-64-9		U	918	459
2,4-Dinitrotoluene	121-14-2		U	918	459
Diethylphthalate	84-66-2		U	918	459
4-Chlorophenyl-phenyl ether	7005-72-3		U	918	459
Fluorene	86-73-7		U	918	459
4-Nitroaniline	100-01-6		U	4590	1840
4,6-Dinitro-2-methylphenol	534-52-1		U	4590	1840
N-Nitrosodiphenylamine	86-30-6		U	918	459
4-Bromophenyl-phenylether	101-55-3		U	918	459
Hexachlorobenzene	118-74-1		U	918	459
Pentachlorophenol	87-86-5		U	4590	1840
Phenanthrene	85-01-8		U	918	459
Anthracene	120-12-7		U	918	459
Di-N-Butylphthalate	84-74-2		U	918	459
Fluoranthene	206-44-0		U	918	459
Pyrene	129-00-0		U	918	459
Butylbenzylphthalate	85-68-7		U	918	459
3,3'-Dichlorobenzidine	91-94-1		U	1840	918
Benzo(a)anthracene	56-55-3		U	918	459
Chrysene	218-01-9		U	918	459
bis(2-Ethylhexyl)phthalate	117-81-7		U	918	459
Di-n-octylphthalate	117-84-0		U	918	459
Benzo(b)fluoranthene	205-99-2		U	918	459
Benzo(k)fluoranthene	207-08-9		U	918	459
Benzo(a)pyrene	50-32-8		U	918	459
Indeno(1,2,3-cd)pyrene	193-39-5		U	918	459
Dibenzo(a,h)Anthracene	53-70-3		U	918	459
Benzo(g,h,i)Perylene	191-24-2		U	918	459

Surrogate	% Recovery	Lower	Upper	Qual
2-Fluorophenol	35.7	25	121	
Phenol-d5	47.9	24	113	
Nitrobenzene-d5	53.3	23	120	
2-Fluorobiphenyl	55.3	30	115	
2,4,6-Tribromophenol	45.8	19	122	
p-Terphenyl-d14	75.0	18	137	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-17**
Client ID: **35-SMP074-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/21/2006 09:25**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-18**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	89.1		1.00	1.00

Sample Number: **L0609540-17**
Client ID: **35-SMP074-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 09:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/27/2006 00:41**
File ID: **14G9335**
Percent Solid: **89.1**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	55.4	27.7
Carbon Range C12-C28			U	55.4	27.7
Carbon Range C28-C35			U	55.4	27.7

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	105	31	130	
o-Terphenyl	105	70	130	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:35**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **20**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 22:06**
Cal Date:
Run Date: **10/06/2006 22:06**
File ID: **I1100606.29**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	201	100

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:38**
File ID: **IR.092806.203800**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	8810		16.9	8.46
Silver, Total	7440-22-4		U	1.69	0.212
Barium, Total	7440-39-3	698		0.423	0.0846
Beryllium, Total	7440-41-7	0.718		0.423	0.0102
Calcium, Total	7440-70-2	1100		8.46	4.23

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:38**
File ID: **IR.092806.203800**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Cadmium, Total	7440-43-9	0.559		0.423	0.0423
Cobalt, Total	7440-48-4	5.02		0.846	0.102
Chromium, Total	7440-47-3	7.20		0.846	0.102
Copper, Total	7440-50-8	3.08		0.846	0.423
Iron, Total	7439-89-6	7220		1.69	0.846
Potassium, Total	7440-09-7	256		42.3	21.2
Magnesium, Total	7439-95-4	905		21.2	10.2
Manganese, Total	7439-96-5	80.3		0.423	0.0846
Sodium, Total	7440-23-5	470		21.2	4.23
Nickel, Total	7440-02-0	9.14		1.69	0.423
Vanadium, Total	7440-62-2	12.3		0.423	0.212
Zinc, Total	7440-66-6	13.4		0.846	0.423

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 12:43**
File ID: **EL.092906.124337**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	0.750		0.351	0.0876
Lead, Total	7439-92-1	7.35		0.234	0.117
Antimony, Total	7440-36-0		U	0.117	0.0584
Selenium, Total	7782-49-2	0.239		0.234	0.117
Thallium, Total	7440-28-0	0.0657		0.0234	0.0117

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:37**
File ID: **HY.092606.143755**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6		U	0.281	0.0112

U Not detected at or above adjusted sample detection limit

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091893

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 13:34**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 13:34**
File ID: **9M49029**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	11.0	5.48
Benzene	71-43-2		U	5.48	0.548
Bromobenzene	108-86-1		U	5.48	0.548
Bromochloromethane	74-97-5		U	5.48	0.548
Bromodichloromethane	75-27-4		U	5.48	0.548
Bromoform	75-25-2		U	5.48	0.548
Bromomethane	74-83-9		U	11.0	1.10
2-Butanone	78-93-3		U	11.0	2.74
n-Butylbenzene	104-51-8		U	5.48	0.548
sec-Butylbenzene	135-98-8		U	5.48	0.548
tert-Butylbenzene	98-06-6		U	5.48	0.548
Carbon disulfide	75-15-0		U	5.48	0.548
Carbon tetrachloride	56-23-5		U	5.48	0.548
Chlorobenzene	108-90-7		U	5.48	0.548
Chlorodibromomethane	124-48-1		U	5.48	0.548
Chloroethane	75-00-3		U	11.0	1.10
2-Chloroethyl vinyl ether	110-75-8		U	11.0	2.19
Chloroform	67-66-3		U	5.48	0.548
Chloromethane	74-87-3		U	11.0	2.19
2-Chlorotoluene	95-49-8		U	5.48	0.548
4-Chlorotoluene	106-43-4		U	5.48	0.548
1,2-Dibromo-3-chloropropane	96-12-8		U	5.48	2.19
1,2-Dibromoethane	106-93-4		U	5.48	0.548
Dibromomethane	74-95-3		U	5.48	0.548
1,2-Dichlorobenzene	95-50-1		U	5.48	0.548
1,3-Dichlorobenzene	541-73-1		U	5.48	0.548
1,4-Dichlorobenzene	106-46-7		U	5.48	0.548
Dichlorodifluoromethane	75-71-8		U	11.0	1.10
1,1-Dichloroethane	75-34-3		U	5.48	1.10
1,2-Dichloroethane	107-06-2		U	5.48	0.548
1,1-Dichloroethene	75-35-4		U	5.48	0.548
cis-1,2-Dichloroethene	156-59-2		U	5.48	0.548
trans-1,2-Dichloroethene	156-60-5		U	5.48	0.548
1,2-Dichloropropane	78-87-5		U	5.48	0.548
1,3-Dichloropropane	142-28-9		U	5.48	0.548
2,2-Dichloropropane	594-20-7		U	5.48	0.548
cis-1,3-Dichloropropene	10061-01-5		U	5.48	0.548
trans-1,3-Dichloropropene	10061-02-6		U	5.48	0.548
1,1-Dichloropropene	563-58-6		U	5.48	0.548
Ethylbenzene	100-41-4		U	5.48	0.548
2-Hexanone	591-78-6		U	11.0	2.74
Hexachlorobutadiene	87-68-3		U	5.48	0.548
Isopropylbenzene	98-82-8		U	5.48	0.548
p-Isopropyltoluene	99-87-6		U	5.48	0.548
4-Methyl-2-pentanone	108-10-1		U	11.0	2.74
Methylene chloride	75-09-2		U	5.48	1.10
Naphthalene	91-20-3		U	11.0	0.548
n-Propylbenzene	103-65-1		U	5.48	0.548

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 13:34**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 13:34**
File ID: **9M49029**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	5.48	0.548
1,1,1,2-Tetrachloroethane	630-20-6		U	5.48	0.548
1,1,2,2-Tetrachloroethane	79-34-5		U	5.48	0.548
Tetrachloroethene	127-18-4		U	5.48	0.548
Toluene	108-88-3		U	5.48	0.548
1,2,3-Trichlorobenzene	87-61-6		U	5.48	0.548
1,2,4-Trichlorobenzene	120-82-1		U	5.48	0.548
1,1,1-Trichloroethane	71-55-6		U	5.48	0.548
1,1,2-Trichloroethane	79-00-5		U	5.48	0.548
Trichloroethene	79-01-6		U	5.48	0.548
Trichlorofluoromethane	75-69-4		U	11.0	1.10
1,2,3-Trichloropropane	96-18-4		U	5.48	1.10
1,2,4-Trimethylbenzene	95-63-6		U	5.48	0.548
1,3,5-Trimethylbenzene	108-67-8		U	5.48	0.548
Vinyl acetate	108-05-4		U	11.0	1.10
Vinyl chloride	75-01-4		U	11.0	1.10
o-Xylene	95-47-6		U	5.48	0.548
m-,p-Xylene	136777-61-2		U	5.48	0.548

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.5	80	120	
1,2-Dichloroethane-d4	107	80	120	
Toluene-d8	91.5	81	117	
4-Bromofluorobenzene	88.4	74	121	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 15:31**
File ID: **5M42805**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Phenol	108-95-2		U	193	96.6
Bis(2-Chloroethyl)ether	111-44-4		U	193	96.6
2-Chlorophenol	95-57-8		U	193	96.6
1,3-Dichlorobenzene	541-73-1		U	193	96.6
1,4-Dichlorobenzene	106-46-7		U	193	96.6
Benzyl alcohol	100-51-6		U	193	96.6
1,2-Dichlorobenzene	95-50-1		U	193	96.6
2-Methylphenol	95-48-7		U	193	96.6
3-,4-Methylphenol	106-44-5		U	193	96.6
bis(2-Chloroisopropyl)ether	39638-32-9		U	193	96.6
N-Nitrosodipropylamine	621-64-7		U	193	96.6
Hexachloroethane	67-72-1		U	193	96.6
Nitrobenzene	98-95-3		U	193	96.6
Isophorone	78-59-1		U	193	96.6
2-Nitrophenol	88-75-5		U	193	96.6

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091895

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 15:31**
File ID: **5M42805**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2,4-Dimethylphenol	105-67-9		U	193	96.6
Benzoic acid	65-85-0		U	966	387
Bis(2-Chloroethoxy)Methane	111-91-1		U	193	96.6
2,4-Dichlorophenol	120-83-2		U	193	96.6
1,2,4-Trichlorobenzene	120-82-1		U	193	96.6
Naphthalene	91-20-3		U	193	96.6
4-Chloroaniline	106-47-8		U	193	96.6
Hexachlorobutadiene	87-68-3		U	193	96.6
4-Chloro-3-methylphenol	59-50-7		U	193	96.6
2-Methylnaphthalene	91-57-6		U	193	96.6
Hexachlorocyclopentadiene	77-47-4		U	193	96.6
2,4,6-Trichlorophenol	88-06-2		U	193	96.6
2,4,5-Trichlorophenol	95-95-4		U	193	96.6
2-Chloronaphthalene	91-58-7		U	193	96.6
2-Nitroaniline	88-74-4		U	966	387
Dimethylphthalate	131-11-3		U	193	96.6
Acenaphthylene	208-96-8		U	193	96.6
2,6-Dinitrotoluene	606-20-2		U	193	96.6
3-Nitroaniline	99-09-2		U	966	387
Acenaphthene	83-32-9		U	193	96.6
2,4-Dinitrophenol	51-28-5		U	966	387
4-Nitrophenol	100-02-7		U	966	387
Dibenzofuran	132-64-9		U	193	96.6
2,4-Dinitrotoluene	121-14-2		U	193	96.6
Diethylphthalate	84-66-2		U	193	96.6
4-Chlorophenyl-phenyl ether	7005-72-3		U	193	96.6
Fluorene	86-73-7		U	193	96.6
4-Nitroaniline	100-01-6		U	966	387
4,6-Dinitro-2-methylphenol	534-52-1		U	966	387
N-Nitrosodiphenylamine	86-30-6		U	193	96.6
4-Bromophenyl-phenylether	101-55-3		U	193	96.6
Hexachlorobenzene	118-74-1		U	193	96.6
Pentachlorophenol	87-86-5		U	966	387
Phenanthrene	85-01-8		U	193	96.6
Anthracene	120-12-7		U	193	96.6
Di-N-Butylphthalate	84-74-2		U	193	96.6
Fluoranthene	206-44-0		U	193	96.6
Pyrene	129-00-0		U	193	96.6
Butylbenzylphthalate	85-68-7		U	193	96.6
3,3'-Dichlorobenzidine	91-94-1		U	387	193
Benzo(a)anthracene	56-55-3		U	193	96.6
Chrysene	218-01-9		U	193	96.6
bis(2-Ethylhexyl)phthalate	117-81-7		U	193	96.6
Di-n-octylphthalate	117-84-0		U	193	96.6
Benzo(b)fluoranthene	205-99-2		U	193	96.6
Benzo(k)fluoranthene	207-08-9		U	193	96.6
Benzo(a)pyrene	50-32-8		U	193	96.6
Indeno(1,2,3-cd)pyrene	193-39-5		U	193	96.6

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223821**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3545**
Analytical Method: **8270C**
Analyst: **ALT/DPJ**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS5**
Prep Date: **09/26/2006 08:30**
Cal Date: **10/05/2006 12:08**
Run Date: **10/09/2006 15:31**
File ID: **5M42805**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Dibenzo(a,h)Anthracene	53-70-3		U	193	96.6
Benzo(g,h,i)Perylene	191-24-2		U	193	96.6

Surrogate	% Recovery	Lower	Upper	Qual
2-Fluorophenol	45.5	25	121	
Phenol-d5	50.1	24	113	
Nitrobenzene-d5	52.1	23	120	
2-Fluorobiphenyl	48.4	30	115	
2,4,6-Tribromophenol	53.2	19	122	
p-Terphenyl-d14	55.7	18	137	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/21/2006 09:35**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-19**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	84.4		1.00	1.00

Sample Number: **L0609540-18**
Client ID: **35-SMP074-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 09:35**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/27/2006 01:21**
File ID: **14G9336**
Percent Solid: **84.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	58.8	29.4
Carbon Range C12-C28			U	58.8	29.4
Carbon Range C28-C35			U	58.8	29.4

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	102	31	130	
o-Terphenyl	102	70	130	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-19**
Client ID: **35-SMP075-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 08:45**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **5**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 22:26**
Cal Date:
Run Date: **10/06/2006 22:26**
File ID: **I1100606.30**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	48.1	24.1

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-19**
Client ID: **35-SMP075-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 08:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:43**
File ID: **IR.092806.204300**
Percent Solid: **88.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	5760		16.3	8.14
Silver, Total	7440-22-4		U	1.63	0.204
Barium, Total	7440-39-3	78.7		0.407	0.0814
Beryllium, Total	7440-41-7	0.541		0.407	0.00977
Calcium, Total	7440-70-2	1700		8.14	4.07
Cadmium, Total	7440-43-9	0.543		0.407	0.0407
Cobalt, Total	7440-48-4	6.24		0.814	0.0977
Chromium, Total	7440-47-3	23.4		0.814	0.0977
Copper, Total	7440-50-8	35.3		0.814	0.407
Iron, Total	7439-89-6	16200		1.63	0.814
Potassium, Total	7440-09-7	227		40.7	20.4
Magnesium, Total	7439-95-4	629		20.4	9.77
Manganese, Total	7439-96-5	123		0.407	0.0814
Sodium, Total	7440-23-5	106		20.4	4.07
Nickel, Total	7440-02-0	7.34		1.63	0.407
Vanadium, Total	7440-62-2	24.7		0.407	0.204
Zinc, Total	7440-66-6	83.8		0.814	0.407

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-19**
Client ID: **35-SMP075-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 08:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 13:02**
File ID: **EL.092906.130230**
Percent Solid: **88.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	2.35		0.340	0.0849
Antimony, Total	7440-36-0	0.0594	J	0.113	0.0566
Selenium, Total	7782-49-2	0.262		0.226	0.113
Thallium, Total	7440-28-0	0.0562		0.0226	0.0113

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-19**
Client ID: **35-SMP075-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 08:45**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **10**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 13:52**
File ID: **EL.092906.135249**
Percent Solid: **88.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Lead, Total	7439-92-1	86.3		2.26	1.13

Sample Number: **L0609540-19**
Client ID: **35-SMP075-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 08:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:40**
File ID: **HY.092606.144014**
Percent Solid: **88.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6		U	0.263	0.0105

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-19**
Client ID: **35-SMP075-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/21/2006 08:45**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-20**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	88.4		1.00	1.00

Sample Number: **L0609540-19**
Client ID: **35-SMP075-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 08:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/27/2006 02:01**
File ID: **14G9337**
Percent Solid: **88.4**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	56.1	28.0
Carbon Range C12-C28			U	56.1	28.0
Carbon Range C28-C35			U	56.1	28.0

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	103	31	130	
o-Terphenyl	103	70	130	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-20**
Client ID: **35-SMP075-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **20**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 22:47**
Cal Date:
Run Date: **10/06/2006 22:47**
File ID: **I1100606.31**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	192	96.0

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-20**
Client ID: **35-SMP075-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:50**
File ID: **IR.092806.205000**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	9670		16.3	8.15
Silver, Total	7440-22-4		U	1.63	0.204
Barium, Total	7440-39-3	69.0		0.408	0.0815
Beryllium, Total	7440-41-7	0.496		0.408	0.00978
Calcium, Total	7440-70-2	401		8.15	4.08
Cadmium, Total	7440-43-9	0.0713	J	0.408	0.0408
Cobalt, Total	7440-48-4	3.81		0.815	0.0978
Chromium, Total	7440-47-3	9.53		0.815	0.0978
Copper, Total	7440-50-8	4.43		0.815	0.408
Iron, Total	7439-89-6	6110		1.63	0.815
Potassium, Total	7440-09-7	286		40.8	20.4
Magnesium, Total	7439-95-4	491		20.4	9.78
Manganese, Total	7439-96-5	198		0.408	0.0815
Sodium, Total	7440-23-5	221		20.4	4.08
Nickel, Total	7440-02-0	4.97		1.63	0.408
Vanadium, Total	7440-62-2	11.3		0.408	0.204
Zinc, Total	7440-66-6	14.7		0.815	0.408

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-20**
Client ID: **35-SMP075-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 13:08**
File ID: **EL.092906.130835**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	0.571		0.355	0.0887
Lead, Total	7439-92-1	7.37		0.236	0.118
Antimony, Total	7440-36-0		U	0.118	0.0591
Selenium, Total	7782-49-2	0.265		0.236	0.118
Thallium, Total	7440-28-0	0.0678		0.0236	0.0118

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-20**
Client ID: **35-SMP075-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:41**
File ID: **HY.092606.144152**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.162	J	0.294	0.0117

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-20**
Client ID: **35-SMP075-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 14:05**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 14:05**
File ID: **9M49030**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	11.7	5.83
Benzene	71-43-2		U	5.83	0.583
Bromobenzene	108-86-1		U	5.83	0.583
Bromochloromethane	74-97-5		U	5.83	0.583
Bromodichloromethane	75-27-4		U	5.83	0.583
Bromoform	75-25-2		U	5.83	0.583
Bromomethane	74-83-9		U	11.7	1.17
2-Butanone	78-93-3		U	11.7	2.91
n-Butylbenzene	104-51-8		U	5.83	0.583
sec-Butylbenzene	135-98-8		U	5.83	0.583
tert-Butylbenzene	98-06-6		U	5.83	0.583
Carbon disulfide	75-15-0		U	5.83	0.583
Carbon tetrachloride	56-23-5		U	5.83	0.583
Chlorobenzene	108-90-7		U	5.83	0.583
Chlorodibromomethane	124-48-1		U	5.83	0.583
Chloroethane	75-00-3		U	11.7	1.17
2-Chloroethyl vinyl ether	110-75-8		U	11.7	2.33
Chloroform	67-66-3		U	5.83	0.583
Chloromethane	74-87-3		U	11.7	2.33
2-Chlorotoluene	95-49-8		U	5.83	0.583
4-Chlorotoluene	106-43-4		U	5.83	0.583
1,2-Dibromo-3-chloropropane	96-12-8		U	5.83	2.33
1,2-Dibromoethane	106-93-4		U	5.83	0.583
Dibromomethane	74-95-3		U	5.83	0.583
1,2-Dichlorobenzene	95-50-1		U	5.83	0.583
1,3-Dichlorobenzene	541-73-1		U	5.83	0.583
1,4-Dichlorobenzene	106-46-7		U	5.83	0.583
Dichlorodifluoromethane	75-71-8		U	11.7	1.17
1,1-Dichloroethane	75-34-3		U	5.83	1.17
1,2-Dichloroethane	107-06-2		U	5.83	0.583
1,1-Dichloroethene	75-35-4		U	5.83	0.583
cis-1,2-Dichloroethene	156-59-2		U	5.83	0.583
trans-1,2-Dichloroethene	156-60-5		U	5.83	0.583
1,2-Dichloropropane	78-87-5		U	5.83	0.583

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091901

Sample Number: **L0609540-20**
Client ID: **35-SMP075-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 14:05**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 14:05**
File ID: **9M49030**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3-Dichloropropane	142-28-9		U	5.83	0.583
2,2-Dichloropropane	594-20-7		U	5.83	0.583
cis-1,3-Dichloropropene	10061-01-5		U	5.83	0.583
trans-1,3-Dichloropropene	10061-02-6		U	5.83	0.583
1,1-Dichloropropene	563-58-6		U	5.83	0.583
Ethylbenzene	100-41-4		U	5.83	0.583
2-Hexanone	591-78-6		U	11.7	2.91
Hexachlorobutadiene	87-68-3		U	5.83	0.583
Isopropylbenzene	98-82-8		U	5.83	0.583
p-Isopropyltoluene	99-87-6		U	5.83	0.583
4-Methyl-2-pentanone	108-10-1		U	11.7	2.91
Methylene chloride	75-09-2	3.46	J	5.83	1.17
Naphthalene	91-20-3		U	11.7	0.583
n-Propylbenzene	103-65-1		U	5.83	0.583
Styrene	100-42-5		U	5.83	0.583
1,1,1,2-Tetrachloroethane	630-20-6		U	5.83	0.583
1,1,2,2-Tetrachloroethane	79-34-5		U	5.83	0.583
Tetrachloroethene	127-18-4		U	5.83	0.583
Toluene	108-88-3		U	5.83	0.583
1,2,3-Trichlorobenzene	87-61-6		U	5.83	0.583
1,2,4-Trichlorobenzene	120-82-1		U	5.83	0.583
1,1,1-Trichloroethane	71-55-6		U	5.83	0.583
1,1,2-Trichloroethane	79-00-5		U	5.83	0.583
Trichloroethene	79-01-6		U	5.83	0.583
Trichlorofluoromethane	75-69-4		U	11.7	1.17
1,2,3-Trichloropropane	96-18-4		U	5.83	1.17
1,2,4-Trimethylbenzene	95-63-6		U	5.83	0.583
1,3,5-Trimethylbenzene	108-67-8		U	5.83	0.583
Vinyl acetate	108-05-4		U	11.7	1.17
Vinyl chloride	75-01-4		U	11.7	1.17
o-Xylene	95-47-6		U	5.83	0.583
m-,p-Xylene	136777-61-2		U	5.83	0.583

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.8	80	120	
1,2-Dichloroethane-d4	101	80	120	
Toluene-d8	95.3	81	117	
4-Bromofluorobenzene	91.4	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091902

Sample Number: **L0609540-20**
Client ID: **35-SMP075-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223387**
Collect Date: **09/21/2006 09:00**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMB**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/26/2006 13:05**
Cal Date:
Run Date: **09/26/2006 13:05**
File ID: **OV.0609261305-21**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	84.6		1.00	1.00

Sample Number: **L0609540-20**
Client ID: **35-SMP075-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223382**
Collect Date: **09/21/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **T1005**
Analyst: **HAV**
Dilution: **1**
Units: **mg/kg**

Instrument: **HP14**
Prep Date: **09/26/2006 09:00**
Cal Date: **09/11/2006 20:33**
Run Date: **09/27/2006 12:04**
File ID: **14G9342**
Percent Solid: **84.6**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Carbon Range C6-C12			U	58.5	29.3
Carbon Range C12-C28			U	58.5	29.3
Carbon Range C28-C35		32.9	J	58.5	29.3

Surrogate	% Recovery	Lower	Upper	Qual
Chlorobenzene	99.0	31	130	
o-Terphenyl	99.2	70	130	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-21**
Client ID: **35-SMP087-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:20**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **4**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 23:07**
Cal Date:
Run Date: **10/06/2006 23:07**
File ID: **I1100606.32**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	39.8	19.9

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-21**
Client ID: **35-SMP087-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:20**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 20:55**
File ID: **IR.092806.205500**
Percent Solid: **89.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	6310		16.1	8.05
Silver, Total	7440-22-4		U	1.61	0.201
Barium, Total	7440-39-3	160		0.403	0.0805
Beryllium, Total	7440-41-7	1.21		0.403	0.00967
Calcium, Total	7440-70-2	1050		8.05	4.03

Sample Number: **L0609540-21** | PrePrep Method: **NONE** | Instrument: **IRIS-ICP**
Client ID: **35-SMP087-SB01-01** | Prep Method: **3050B** | Prep Date: **09/25/2006 06:40**
Matrix: **Soil** | Analytical Method: **6010B** | Cal Date: **09/28/2006 09:07**
Workgroup Number: **WG223267** | Analyst: **SLP** | Run Date: **09/28/2006 20:55**
Collect Date: **09/21/2006 09:20** | Dilution: **1** | File ID: **IR.092806.205500**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **89.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Cadmium, Total	7440-43-9	0.192	J	0.403	0.0403
Cobalt, Total	7440-48-4	10.4		0.805	0.0967
Chromium, Total	7440-47-3	12.2		0.805	0.0967
Copper, Total	7440-50-8	3.77		0.805	0.403
Iron, Total	7439-89-6	8540		1.61	0.805
Potassium, Total	7440-09-7	219		40.3	20.1
Magnesium, Total	7439-95-4	281		20.1	9.67
Manganese, Total	7439-96-5	572		0.403	0.0805
Sodium, Total	7440-23-5	40.6		20.1	4.03
Nickel, Total	7440-02-0	7.41		1.61	0.403
Vanadium, Total	7440-62-2	18.9		0.403	0.201
Zinc, Total	7440-66-6	10.3		0.805	0.403

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-21** | PrePrep Method: **NONE** | Instrument: **ELAN-ICP**
Client ID: **35-SMP087-SB01-01** | Prep Method: **3051** | Prep Date: **09/25/2006 07:30**
Matrix: **Soil** | Analytical Method: **6020** | Cal Date: **09/29/2006 09:41**
Workgroup Number: **WG223683** | Analyst: **JYH** | Run Date: **09/29/2006 13:14**
Collect Date: **09/21/2006 09:20** | Dilution: **1** | File ID: **EL.092906.131441**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **89.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	1.30		0.333	0.0831
Lead, Total	7439-92-1	10.9		0.222	0.111
Antimony, Total	7440-36-0		U	0.111	0.0554
Selenium, Total	7782-49-2	0.278		0.222	0.111
Thallium, Total	7440-28-0	0.0545		0.0222	0.0111

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-21** | PrePrep Method: **NONE** | Instrument: **HYDRA**
Client ID: **35-SMP087-SB01-01** | Prep Method: **METHOD** | Prep Date: **09/25/2006 13:20**
Matrix: **Soil** | Analytical Method: **7471A** | Cal Date: **09/26/2006 13:58**
Workgroup Number: **WG223379** | Analyst: **PAS** | Run Date: **09/26/2006 14:43**
Collect Date: **09/21/2006 09:20** | Dilution: **1** | File ID: **HY.092606.144329**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **89.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0119	J	0.275	0.0110

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-21**
Client ID: **35-SMP087-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223660**
Collect Date: **09/21/2006 09:20**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMM**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/28/2006 17:45**
Cal Date:
Run Date: **09/28/2006 17:45**
File ID: **OV.0609281745-05**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	89.3		1.00	1.00

Sample Number: **L0609540-22**
Client ID: **35-SMP087-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:30**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **5**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 23:27**
Cal Date:
Run Date: **10/06/2006 23:27**
File ID: **I1100606.33**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	49.9	25.0

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-22**
Client ID: **35-SMP087-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 21:02**
File ID: **IR.092806.210200**
Percent Solid: **77.5**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	22700		19.1	9.55
Silver, Total	7440-22-4		U	1.91	0.239
Barium, Total	7440-39-3	131		0.478	0.0955
Beryllium, Total	7440-41-7	0.738		0.478	0.0115
Calcium, Total	7440-70-2	487		9.55	4.78
Cadmium, Total	7440-43-9	0.175	J	0.478	0.0478
Cobalt, Total	7440-48-4	6.55		0.955	0.115
Chromium, Total	7440-47-3	18.9		0.955	0.115
Copper, Total	7440-50-8	6.66		0.955	0.478
Iron, Total	7439-89-6	17500		1.91	0.955
Potassium, Total	7440-09-7	718		47.8	23.9
Magnesium, Total	7439-95-4	1460		23.9	11.5
Manganese, Total	7439-96-5	42.4		0.478	0.0955
Sodium, Total	7440-23-5	242		23.9	4.78
Nickel, Total	7440-02-0	11.4		1.91	0.478
Vanadium, Total	7440-62-2	31.9		0.478	0.239
Zinc, Total	7440-66-6	33.2		0.955	0.478

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-22**
Client ID: **35-SMP087-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 09:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 13:20**
File ID: **EL.092906.132048**
Percent Solid: **77.5**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	3.47		0.378	0.0945
Lead, Total	7439-92-1	12.0		0.252	0.126
Antimony, Total	7440-36-0		U	0.126	0.0630
Selenium, Total	7782-49-2	0.372		0.252	0.126
Thallium, Total	7440-28-0	0.118		0.0252	0.0126

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-22**
Client ID: **35-SMP087-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 09:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:45**
File ID: **HY.092606.144516**
Percent Solid: **77.5**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0177	J	0.311	0.0124

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-22**
Client ID: **35-SMP087-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 09:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 14:37**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 14:37**
File ID: **9M49031**
Percent Solid: **77.5**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	12.0	5.99
Benzene	71-43-2		U	5.99	0.599
Bromobenzene	108-86-1		U	5.99	0.599
Bromochloromethane	74-97-5		U	5.99	0.599
Bromodichloromethane	75-27-4		U	5.99	0.599
Bromoform	75-25-2		U	5.99	0.599
Bromomethane	74-83-9		U	12.0	1.20
2-Butanone	78-93-3		U	12.0	3.00
n-Butylbenzene	104-51-8		U	5.99	0.599
sec-Butylbenzene	135-98-8		U	5.99	0.599
tert-Butylbenzene	98-06-6		U	5.99	0.599
Carbon disulfide	75-15-0		U	5.99	0.599
Carbon tetrachloride	56-23-5		U	5.99	0.599
Chlorobenzene	108-90-7		U	5.99	0.599
Chlorodibromomethane	124-48-1		U	5.99	0.599
Chloroethane	75-00-3		U	12.0	1.20
2-Chloroethyl vinyl ether	110-75-8		U	12.0	2.40
Chloroform	67-66-3		U	5.99	0.599
Chloromethane	74-87-3		U	12.0	2.40

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091906

Sample Number: **L0609540-22**
Client ID: **35-SMP087-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 09:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 14:37**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 14:37**
File ID: **9M49031**
Percent Solid: **77.5**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2-Chlorotoluene	95-49-8		U	5.99	0.599
4-Chlorotoluene	106-43-4		U	5.99	0.599
1,2-Dibromo-3-chloropropane	96-12-8		U	5.99	2.40
1,2-Dibromoethane	106-93-4		U	5.99	0.599
Dibromomethane	74-95-3		U	5.99	0.599
1,2-Dichlorobenzene	95-50-1		U	5.99	0.599
1,3-Dichlorobenzene	541-73-1		U	5.99	0.599
1,4-Dichlorobenzene	106-46-7		U	5.99	0.599
Dichlorodifluoromethane	75-71-8		U	12.0	1.20
1,1-Dichloroethane	75-34-3		U	5.99	1.20
1,2-Dichloroethane	107-06-2		U	5.99	0.599
1,1-Dichloroethene	75-35-4		U	5.99	0.599
cis-1,2-Dichloroethene	156-59-2		U	5.99	0.599
trans-1,2-Dichloroethene	156-60-5		U	5.99	0.599
1,2-Dichloropropane	78-87-5		U	5.99	0.599
1,3-Dichloropropane	142-28-9		U	5.99	0.599
2,2-Dichloropropane	594-20-7		U	5.99	0.599
cis-1,3-Dichloropropene	10061-01-5		U	5.99	0.599
trans-1,3-Dichloropropene	10061-02-6		U	5.99	0.599
1,1-Dichloropropene	563-58-6		U	5.99	0.599
Ethylbenzene	100-41-4		U	5.99	0.599
2-Hexanone	591-78-6		U	12.0	3.00
Hexachlorobutadiene	87-68-3		U	5.99	0.599
Isopropylbenzene	98-82-8		U	5.99	0.599
p-Isopropyltoluene	99-87-6		U	5.99	0.599
4-Methyl-2-pentanone	108-10-1		U	12.0	3.00
Methylene chloride	75-09-2	3.49	J	5.99	1.20
Naphthalene	91-20-3		U	12.0	0.599
n-Propylbenzene	103-65-1		U	5.99	0.599
Styrene	100-42-5		U	5.99	0.599
1,1,1,2-Tetrachloroethane	630-20-6		U	5.99	0.599
1,1,2,2-Tetrachloroethane	79-34-5		U	5.99	0.599
Tetrachloroethene	127-18-4		U	5.99	0.599
Toluene	108-88-3		U	5.99	0.599
1,2,3-Trichlorobenzene	87-61-6		U	5.99	0.599
1,2,4-Trichlorobenzene	120-82-1		U	5.99	0.599
1,1,1-Trichloroethane	71-55-6		U	5.99	0.599
1,1,2-Trichloroethane	79-00-5		U	5.99	0.599
Trichloroethene	79-01-6		U	5.99	0.599
Trichlorofluoromethane	75-69-4		U	12.0	1.20
1,2,3-Trichloropropane	96-18-4		U	5.99	1.20
1,2,4-Trimethylbenzene	95-63-6		U	5.99	0.599
1,3,5-Trimethylbenzene	108-67-8		U	5.99	0.599
Vinyl acetate	108-05-4		U	12.0	1.20
Vinyl chloride	75-01-4		U	12.0	1.20
o-Xylene	95-47-6		U	5.99	0.599
m-,p-Xylene	136777-61-2		U	5.99	0.599

Sample Number: **L0609540-22**
Client ID: **35-SMP087-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 09:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 14:37**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 14:37**
File ID: **9M49031**
Percent Solid: **77.5**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	**95.6**	**80**	**120**	
1,2-Dichloroethane-d4	**107**	**80**	**120**	
Toluene-d8	**93.8**	**81**	**117**	
4-Bromofluorobenzene	**89.6**	**74**	**121**	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-22**
Client ID: **35-SMP087-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223660**
Collect Date: **09/21/2006 09:30**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMM**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/28/2006 17:45**
Cal Date:
Run Date: **09/28/2006 17:45**
File ID: **OV.0609281745-06**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	**10-02-6**	**77.5**		**1.00**	**1.00**

Sample Number: **L0609540-23**
Client ID: **35-SMP087-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 09:30**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **4**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/06/2006 23:48**
Cal Date:
Run Date: **10/06/2006 23:48**
File ID: **I1100606.34**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**		**U**	**39.8**	**19.9**

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-23**
Client ID: **35-SMP087-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223267**
Collect Date: **09/21/2006 09:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/25/2006 06:40**
Cal Date: **09/28/2006 09:07**
Run Date: **09/28/2006 21:07**
File ID: **IR.092806.210700**
Percent Solid: **88.2**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	**7429-90-5**	**10300**		**16.0**	**7.99**
Silver, Total	**7440-22-4**		**U**	**1.60**	**0.200**
Barium, Total	**7440-39-3**	**161**		**0.399**	**0.0799**
Beryllium, Total	**7440-41-7**	**0.353**	**J**	**0.399**	**0.00958**
Calcium, Total	**7440-70-2**	**611**		**7.99**	**3.99**
Cadmium, Total	**7440-43-9**	**0.562**		**0.399**	**0.0399**

Sample Number: **L0609540-23** | PrePrep Method: **NONE** | Instrument: **IRIS-ICP**
Client ID: **35-SMP087-SB02-01** | Prep Method: **3050B** | Prep Date: **09/25/2006 06:40**
Matrix: **Soil** | Analytical Method: **6010B** | Cal Date: **09/28/2006 09:07**
Workgroup Number: **WG223267** | Analyst: **SLP** | Run Date: **09/28/2006 21:07**
Collect Date: **09/21/2006 09:30** | Dilution: **1** | File ID: **IR.092806.210700**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **88.2**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Cobalt, Total	7440-48-4	1.13		0.799	0.0958
Chromium, Total	7440-47-3	28.1		0.799	0.0958
Copper, Total	7440-50-8	21.3		0.799	0.399
Iron, Total	7439-89-6	20100		1.60	0.799
Potassium, Total	7440-09-7	419		39.9	20.0
Magnesium, Total	7439-95-4	403		20.0	9.58
Manganese, Total	7439-96-5	51.3		0.399	0.0799
Sodium, Total	7440-23-5	12.4	J	20.0	3.99
Nickel, Total	7440-02-0	3.15		1.60	0.399
Vanadium, Total	7440-62-2	72.8		0.399	0.200
Zinc, Total	7440-66-6	41.3		0.799	0.399

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-23** | PrePrep Method: **NONE** | Instrument: **ELAN-ICP**
Client ID: **35-SMP087-SB02-01** | Prep Method: **3051** | Prep Date: **09/25/2006 07:30**
Matrix: **Soil** | Analytical Method: **6020** | Cal Date: **09/29/2006 09:41**
Workgroup Number: **WG223683** | Analyst: **JYH** | Run Date: **09/29/2006 13:26**
Collect Date: **09/21/2006 09:30** | Dilution: **1** | File ID: **EL.092906.132654**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **88.2**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	5.18		0.337	0.0842
Lead, Total	7439-92-1	17.2		0.225	0.112
Antimony, Total	7440-36-0		U	0.112	0.0561
Selenium, Total	7782-49-2	0.687		0.225	0.112
Thallium, Total	7440-28-0	0.0741		0.0225	0.0112

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-23** | PrePrep Method: **NONE** | Instrument: **HYDRA**
Client ID: **35-SMP087-SB02-01** | Prep Method: **METHOD** | Prep Date: **09/25/2006 13:20**
Matrix: **Soil** | Analytical Method: **7471A** | Cal Date: **09/26/2006 13:58**
Workgroup Number: **WG223379** | Analyst: **PAS** | Run Date: **09/26/2006 14:46**
Collect Date: **09/21/2006 09:30** | Dilution: **1** | File ID: **HY.092606.144656**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **88.2**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0840	J	0.279	0.0112

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-23**
Client ID: **35-SMP087-SB02-01**
Matrix: **Soil**
Workgroup Number: **WG223660**
Collect Date: **09/21/2006 09:30**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMM**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/28/2006 17:45**
Cal Date:
Run Date: **09/28/2006 17:45**
File ID: **OV.0609281745-07**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	88.2		1.00	1.00

Sample Number: **L0609540-24**
Client ID: **35-SMP087-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 10:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **1**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/07/2006 00:29**
Cal Date:
Run Date: **10/07/2006 00:29**
File ID: **I1100606.36**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	9.96	4.98

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-24**
Client ID: **35-SMP087-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223450**
Collect Date: **09/21/2006 10:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/26/2006 07:15**
Cal Date: **09/29/2006 09:21**
Run Date: **09/29/2006 19:40**
File ID: **IR.092906.194000**
Percent Solid: **92.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	9210		16.4	8.20
Silver, Total	7440-22-4		U	1.64	0.205
Barium, Total	7440-39-3	92.7		0.410	0.0820
Beryllium, Total	7440-41-7	0.546		0.410	0.00984
Calcium, Total	7440-70-2	2440		8.20	4.10
Cadmium, Total	7440-43-9	0.367	J	0.410	0.0410
Cobalt, Total	7440-48-4	5.58		0.820	0.0984
Chromium, Total	7440-47-3	17.4		0.820	0.0984
Copper, Total	7440-50-8	6.17		0.820	0.410
Iron, Total	7439-89-6	13600		1.64	0.820
Potassium, Total	7440-09-7	361		41.0	20.5
Magnesium, Total	7439-95-4	555		20.5	9.84
Manganese, Total	7439-96-5	216		0.410	0.0820
Sodium, Total	7440-23-5	31.6		20.5	4.10
Nickel, Total	7440-02-0	6.55		1.64	0.410
Vanadium, Total	7440-62-2	28.4		0.410	0.205
Zinc, Total	7440-66-6	50.7		0.820	0.410

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-24**
Client ID: **35-SMP087-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 10:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 13:33**
File ID: **EL.092906.133300**
Percent Solid: **92.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	2.83		0.325	0.0812
Lead, Total	7439-92-1	18.3		0.217	0.108
Antimony, Total	7440-36-0		U	0.108	0.0541
Selenium, Total	7782-49-2	0.426		0.217	0.108
Thallium, Total	7440-28-0	0.0506		0.0217	0.0108

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-24**
Client ID: **35-SMP087-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 10:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:48**
File ID: **HY.092606.144835**
Percent Solid: **92.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0493	J	0.271	0.0108

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-24**
Client ID: **35-SMP087-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 10:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 15:09**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 15:09**
File ID: **9M49032**
Percent Solid: **92.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.5	5.27
Benzene	71-43-2		U	5.27	0.527
Bromobenzene	108-86-1		U	5.27	0.527
Bromochloromethane	74-97-5		U	5.27	0.527
Bromodichloromethane	75-27-4		U	5.27	0.527
Bromoform	75-25-2		U	5.27	0.527
Bromomethane	74-83-9		U	10.5	1.05
2-Butanone	78-93-3		U	10.5	2.63
n-Butylbenzene	104-51-8		U	5.27	0.527
sec-Butylbenzene	135-98-8		U	5.27	0.527
tert-Butylbenzene	98-06-6		U	5.27	0.527
Carbon disulfide	75-15-0		U	5.27	0.527
Carbon tetrachloride	56-23-5		U	5.27	0.527
Chlorobenzene	108-90-7		U	5.27	0.527
Chlorodibromomethane	124-48-1		U	5.27	0.527
Chloroethane	75-00-3		U	10.5	1.05
2-Chloroethyl vinyl ether	110-75-8		U	10.5	2.11
Chloroform	67-66-3		U	5.27	0.527
Chloromethane	74-87-3		U	10.5	2.11

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091911

Sample Number: **L0609540-24**
Client ID: **35-SMP087-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 10:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 15:09**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 15:09**
File ID: **9M49032**
Percent Solid: **92.3**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2-Chlorotoluene	95-49-8		U	5.27	0.527
4-Chlorotoluene	106-43-4		U	5.27	0.527
1,2-Dibromo-3-chloropropane	96-12-8		U	5.27	2.11
1,2-Dibromoethane	106-93-4		U	5.27	0.527
Dibromomethane	74-95-3		U	5.27	0.527
1,2-Dichlorobenzene	95-50-1		U	5.27	0.527
1,3-Dichlorobenzene	541-73-1		U	5.27	0.527
1,4-Dichlorobenzene	106-46-7		U	5.27	0.527
Dichlorodifluoromethane	75-71-8		U	10.5	1.05
1,1-Dichloroethane	75-34-3		U	5.27	1.05
1,2-Dichloroethane	107-06-2		U	5.27	0.527
1,1-Dichloroethene	75-35-4		U	5.27	0.527
cis-1,2-Dichloroethene	156-59-2		U	5.27	0.527
trans-1,2-Dichloroethene	156-60-5		U	5.27	0.527
1,2-Dichloropropane	78-87-5		U	5.27	0.527
1,3-Dichloropropane	142-28-9		U	5.27	0.527
2,2-Dichloropropane	594-20-7		U	5.27	0.527
cis-1,3-Dichloropropene	10061-01-5		U	5.27	0.527
trans-1,3-Dichloropropene	10061-02-6		U	5.27	0.527
1,1-Dichloropropene	563-58-6		U	5.27	0.527
Ethylbenzene	100-41-4		U	5.27	0.527
2-Hexanone	591-78-6		U	10.5	2.63
Hexachlorobutadiene	87-68-3		U	5.27	0.527
Isopropylbenzene	98-82-8		U	5.27	0.527
p-Isopropyltoluene	99-87-6		U	5.27	0.527
4-Methyl-2-pentanone	108-10-1		U	10.5	2.63
Methylene chloride	75-09-2	2.99	J	5.27	1.05
Naphthalene	91-20-3		U	10.5	0.527
n-Propylbenzene	103-65-1		U	5.27	0.527
Styrene	100-42-5		U	5.27	0.527
1,1,1,2-Tetrachloroethane	630-20-6		U	5.27	0.527
1,1,2,2-Tetrachloroethane	79-34-5		U	5.27	0.527
Tetrachloroethene	127-18-4		U	5.27	0.527
Toluene	108-88-3		U	5.27	0.527
1,2,3-Trichlorobenzene	87-61-6		U	5.27	0.527
1,2,4-Trichlorobenzene	120-82-1		U	5.27	0.527
1,1,1-Trichloroethane	71-55-6		U	5.27	0.527
1,1,2-Trichloroethane	79-00-5		U	5.27	0.527
Trichloroethene	79-01-6		U	5.27	0.527
Trichlorofluoromethane	75-69-4		U	10.5	1.05
1,2,3-Trichloropropane	96-18-4		U	5.27	1.05
1,2,4-Trimethylbenzene	95-63-6		U	5.27	0.527
1,3,5-Trimethylbenzene	108-67-8		U	5.27	0.527
Vinyl acetate	108-05-4		U	10.5	1.05
Vinyl chloride	75-01-4		U	10.5	1.05
o-Xylene	95-47-6		U	5.27	0.527
m-,p-Xylene	136777-61-2		U	5.27	0.527

Sample Number: **L0609540-24**
Client ID: **35-SMP087-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 10:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 15:09**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 15:09**
File ID: **9M49032**
Percent Solid: **92.3**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	**96.4**	**80**	**120**	
1,2-Dichloroethane-d4	**104**	**80**	**120**	
Toluene-d8	**96.8**	**81**	**117**	
4-Bromofluorobenzene	**94.2**	**74**	**121**	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-24**
Client ID: **35-SMP087-SB02-02**
Matrix: **Soil**
Workgroup Number: **WG223660**
Collect Date: **09/21/2006 10:00**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMM**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/28/2006 17:45**
Cal Date:
Run Date: **09/28/2006 17:45**
File ID: **OV.0609281745-08**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	**10-02-6**	**92.3**		**1.00**	**1.00**

Sample Number: **L0609540-25**
Client ID: **35-SMP084-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 08:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **4**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/07/2006 00:49**
Cal Date:
Run Date: **10/07/2006 00:49**
File ID: **I1100606.37**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**		**U**	**39.8**	**19.9**

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-25**
Client ID: **35-SMP084-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223450**
Collect Date: **09/21/2006 08:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/26/2006 07:15**
Cal Date: **09/29/2006 09:21**
Run Date: **09/29/2006 19:46**
File ID: **IR.092906.194600**
Percent Solid: **80.5**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	**7429-90-5**	**21600**		**18.5**	**9.27**
Silver, Total	**7440-22-4**		**U**	**1.85**	**0.232**
Barium, Total	**7440-39-3**	**65.1**		**0.464**	**0.0927**
Beryllium, Total	**7440-41-7**	**0.622**		**0.464**	**0.0111**
Calcium, Total	**7440-70-2**	**955**		**9.27**	**4.64**
Cadmium, Total	**7440-43-9**	**0.195**	**J**	**0.464**	**0.0464**

Sample Number: **L0609540-25**
Client ID: **35-SMP084-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223450**
Collect Date: **09/21/2006 08:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/26/2006 07:15**
Cal Date: **09/29/2006 09:21**
Run Date: **09/29/2006 19:46**
File ID: **IR.092906.194600**
Percent Solid: **80.5**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Cobalt, Total	7440-48-4	1.87		0.927	0.111
Chromium, Total	7440-47-3	28.0		0.927	0.111
Copper, Total	7440-50-8	8.33		0.927	0.464
Iron, Total	7439-89-6	34700		1.85	0.927
Potassium, Total	7440-09-7	838		46.4	23.2
Magnesium, Total	7439-95-4	1310		23.2	11.1
Manganese, Total	7439-96-5	37.8		0.464	0.0927
Sodium, Total	7440-23-5	16.2	J	23.2	4.64
Nickel, Total	7440-02-0	6.33		1.85	0.464
Vanadium, Total	7440-62-2	55.5		0.464	0.232
Zinc, Total	7440-66-6	26.4		0.927	0.464

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-25**
Client ID: **35-SMP084-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223683**
Collect Date: **09/21/2006 08:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3051**
Analytical Method: **6020**
Analyst: **JYH**
Dilution: **1**
Units: **mg/kg**

Instrument: **ELAN-ICP**
Prep Date: **09/25/2006 07:30**
Cal Date: **09/29/2006 09:41**
Run Date: **09/29/2006 13:39**
File ID: **EL.092906.133903**
Percent Solid: **80.5**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	5.27		0.373	0.0932
Lead, Total	7439-92-1	12.3		0.249	0.124
Antimony, Total	7440-36-0		U	0.124	0.0621
Selenium, Total	7782-49-2	0.752		0.249	0.124
Thallium, Total	7440-28-0	0.108		0.0249	0.0124

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-25**
Client ID: **35-SMP084-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223379**
Collect Date: **09/21/2006 08:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **7471A**
Analyst: **PAS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HYDRA**
Prep Date: **09/25/2006 13:20**
Cal Date: **09/26/2006 13:58**
Run Date: **09/26/2006 14:50**
File ID: **HY.092606.145023**
Percent Solid: **80.5**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0751	J	0.292	0.0117

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-25**
Client ID: **35-SMP084-SB01-01**
Matrix: **Soil**
Workgroup Number: **WG223660**
Collect Date: **09/21/2006 08:40**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMM**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/28/2006 17:45**
Cal Date:
Run Date: **09/28/2006 17:45**
File ID: **OV.0609281745-09**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	80.5		1.00	1.00

Sample Number: **L0609540-26**
Client ID: **35-SMP084-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223310**
Collect Date: **09/21/2006 08:50**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **2**
Units: **ug/kg**

Instrument: **IC1**
Prep Date: **10/07/2006 01:30**
Cal Date:
Run Date: **10/07/2006 01:30**
File ID: **I1100606.39**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	20.0	9.99

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-26**
Client ID: **35-SMP084-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223450**
Collect Date: **09/21/2006 08:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **3050B**
Analytical Method: **6010B**
Analyst: **SLP**
Dilution: **1**
Units: **mg/kg**

Instrument: **IRIS-ICP**
Prep Date: **09/26/2006 07:15**
Cal Date: **09/29/2006 09:21**
Run Date: **09/29/2006 19:52**
File ID: **IR.092906.195200**
Percent Solid: **77.9**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Aluminum, Total	7429-90-5	22800		19.4	9.72
Silver, Total	7440-22-4		U	1.94	0.243
Barium, Total	7440-39-3	68.2		0.486	0.0972
Beryllium, Total	7440-41-7	0.887		0.486	0.0117
Calcium, Total	7440-70-2	2040		9.72	4.86
Cadmium, Total	7440-43-9	0.140	J	0.486	0.0486
Cobalt, Total	7440-48-4	1.86		0.972	0.117
Chromium, Total	7440-47-3	30.7		0.972	0.117
Copper, Total	7440-50-8	12.3		0.972	0.486
Potassium, Total	7440-09-7	670		48.6	24.3
Magnesium, Total	7439-95-4	1380		24.3	11.7
Manganese, Total	7439-96-5	77.4		0.486	0.0972
Sodium, Total	7440-23-5	24.9		24.3	4.86
Nickel, Total	7440-02-0	6.89		1.94	0.486
Vanadium, Total	7440-62-2	63.0		0.486	0.243
Zinc, Total	7440-66-6	34.8		0.972	0.486

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-26** | PrePrep Method: **NONE** | Instrument: **IRIS-ICP**
Client ID: **35-SMP084-SB01-02** | Prep Method: **3050B** | Prep Date: **09/26/2006 07:15**
Matrix: **Soil** | Analytical Method: **6010B** | Cal Date: **10/02/2006 09:11**
Workgroup Number: **WG223450** | Analyst: **SLP** | Run Date: **10/02/2006 13:03**
Collect Date: **09/21/2006 08:50** | Dilution: **10** | File ID: **IR.100206.130300**
Sample Tag: **DL01** | Units: **mg/kg** | Percent Solid: **77.9**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Iron, Total	7439-89-6	59300		19.4	9.72

Sample Number: **L0609540-26** | PrePrep Method: **NONE** | Instrument: **ELAN-ICP**
Client ID: **35-SMP084-SB01-02** | Prep Method: **3051** | Prep Date: **09/25/2006 08:30**
Matrix: **Soil** | Analytical Method: **6020** | Cal Date: **09/29/2006 09:41**
Workgroup Number: **WG223741** | Analyst: **JYH** | Run Date: **09/29/2006 15:50**
Collect Date: **09/21/2006 08:50** | Dilution: **1** | File ID: **EL.092906.155017**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **77.9**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Arsenic, Total	7440-38-2	5.15		0.377	0.0944
Lead, Total	7439-92-1	11.2		0.252	0.126
Antimony, Total	7440-36-0		U	0.126	0.0629
Selenium, Total	7782-49-2	0.608		0.252	0.126
Thallium, Total	7440-28-0	0.143		0.0252	0.0126

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-26** | PrePrep Method: **NONE** | Instrument: **HYDRA**
Client ID: **35-SMP084-SB01-02** | Prep Method: **METHOD** | Prep Date: **09/25/2006 13:20**
Matrix: **Soil** | Analytical Method: **7471A** | Cal Date: **09/26/2006 13:58**
Workgroup Number: **WG223379** | Analyst: **PAS** | Run Date: **09/26/2006 14:52**
Collect Date: **09/21/2006 08:50** | Dilution: **1** | File ID: **HY.092606.145217**
Sample Tag: **01** | Units: **mg/kg** | Percent Solid: **77.9**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Mercury, Total	7439-97-6	0.0554	J	0.300	0.0120

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0609540-26** | PrePrep Method: **NONE** | Instrument: **HPMS9**
Client ID: **35-SMP084-SB01-02** | Prep Method: **5030B** | Prep Date: **09/29/2006 15:41**
Matrix: **Soil** | Analytical Method: **8260B** | Cal Date: **09/13/2006 15:11**
Workgroup Number: **WG223697** | Analyst: **MES** | Run Date: **09/29/2006 15:41**
Collect Date: **09/21/2006 08:50** | Dilution: **1** | File ID: **9M49033**
Sample Tag: **01** | Units: **ug/kg** | Percent Solid: **77.9**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	12.2	6.08
Benzene	71-43-2		U	6.08	0.608
Bromobenzene	108-86-1		U	6.08	0.608
Bromochloromethane	74-97-5		U	6.08	0.608
Bromodichloromethane	75-27-4		U	6.08	0.608

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091916

Sample Number: **L0609540-26**
Client ID: **35-SMP084-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 08:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 15:41**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 15:41**
File ID: **9M49033**
Percent Solid: **77.9**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Bromoform	75-25-2		U	6.08	0.608
Bromomethane	74-83-9		U	12.2	1.22
2-Butanone	78-93-3		U	12.2	3.04
n-Butylbenzene	104-51-8		U	6.08	0.608
sec-Butylbenzene	135-98-8		U	6.08	0.608
tert-Butylbenzene	98-06-6		U	6.08	0.608
Carbon disulfide	75-15-0		U	6.08	0.608
Carbon tetrachloride	56-23-5		U	6.08	0.608
Chlorobenzene	108-90-7		U	6.08	0.608
Chlorodibromomethane	124-48-1		U	6.08	0.608
Chloroethane	75-00-3		U	12.2	1.22
2-Chloroethyl vinyl ether	110-75-8		U	12.2	2.43
Chloroform	67-66-3		U	6.08	0.608
Chloromethane	74-87-3		U	12.2	2.43
2-Chlorotoluene	95-49-8		U	6.08	0.608
4-Chlorotoluene	106-43-4		U	6.08	0.608
1,2-Dibromo-3-chloropropane	96-12-8		U	6.08	2.43
1,2-Dibromoethane	106-93-4		U	6.08	0.608
Dibromomethane	74-95-3		U	6.08	0.608
1,2-Dichlorobenzene	95-50-1		U	6.08	0.608
1,3-Dichlorobenzene	541-73-1		U	6.08	0.608
1,4-Dichlorobenzene	106-46-7		U	6.08	0.608
Dichlorodifluoromethane	75-71-8		U	12.2	1.22
1,1-Dichloroethane	75-34-3		U	6.08	1.22
1,2-Dichloroethane	107-06-2		U	6.08	0.608
1,1-Dichloroethene	75-35-4		U	6.08	0.608
cis-1,2-Dichloroethene	156-59-2		U	6.08	0.608
trans-1,2-Dichloroethene	156-60-5		U	6.08	0.608
1,2-Dichloropropane	78-87-5		U	6.08	0.608
1,3-Dichloropropane	142-28-9		U	6.08	0.608
2,2-Dichloropropane	594-20-7		U	6.08	0.608
cis-1,3-Dichloropropene	10061-01-5		U	6.08	0.608
trans-1,3-Dichloropropene	10061-02-6		U	6.08	0.608
1,1-Dichloropropene	563-58-6		U	6.08	0.608
Ethylbenzene	100-41-4		U	6.08	0.608
2-Hexanone	591-78-6		U	12.2	3.04
Hexachlorobutadiene	87-68-3		U	6.08	0.608
Isopropylbenzene	98-82-8		U	6.08	0.608
p-Isopropyltoluene	99-87-6		U	6.08	0.608
4-Methyl-2-pentanone	108-10-1		U	12.2	3.04
Methylene chloride	75-09-2	2.81	J	6.08	1.22
Naphthalene	91-20-3		U	12.2	0.608
n-Propylbenzene	103-65-1		U	6.08	0.608
Styrene	100-42-5		U	6.08	0.608
1,1,1,2-Tetrachloroethane	630-20-6		U	6.08	0.608
1,1,2,2-Tetrachloroethane	79-34-5		U	6.08	0.608
Tetrachloroethene	127-18-4		U	6.08	0.608
Toluene	108-88-3		U	6.08	0.608

Sample Number: **L0609540-26**
Client ID: **35-SMP084-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223697**
Collect Date: **09/21/2006 08:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/kg**

Instrument: **HPMS9**
Prep Date: **09/29/2006 15:41**
Cal Date: **09/13/2006 15:11**
Run Date: **09/29/2006 15:41**
File ID: **9M49033**
Percent Solid: **77.9**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,2,3-Trichlorobenzene	87-61-6		U	6.08	0.608
1,2,4-Trichlorobenzene	120-82-1		U	6.08	0.608
1,1,1-Trichloroethane	71-55-6		U	6.08	0.608
1,1,2-Trichloroethane	79-00-5		U	6.08	0.608
Trichloroethene	79-01-6		U	6.08	0.608
Trichlorofluoromethane	75-69-4		U	12.2	1.22
1,2,3-Trichloropropane	96-18-4		U	6.08	1.22
1,2,4-Trimethylbenzene	95-63-6		U	6.08	0.608
1,3,5-Trimethylbenzene	108-67-8		U	6.08	0.608
Vinyl acetate	108-05-4		U	12.2	1.22
Vinyl chloride	75-01-4		U	12.2	1.22
o-Xylene	95-47-6		U	6.08	0.608
m-,p-Xylene	136777-61-2		U	6.08	0.608

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	94.4	80	120	
1,2-Dichloroethane-d4	104	80	120	
Toluene-d8	95.7	81	117	
4-Bromofluorobenzene	93.4	74	121	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-26**
Client ID: **35-SMP084-SB01-02**
Matrix: **Soil**
Workgroup Number: **WG223660**
Collect Date: **09/21/2006 08:50**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **TMM**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **09/28/2006 17:45**
Cal Date:
Run Date: **09/28/2006 17:45**
File ID: **OV.0609281745-10**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	77.9		1.00	1.00

Sample Number: **L0609540-27**
Client ID: **29WW16**
Matrix: **Water**
Workgroup Number: **WG223778**
Collect Date: **09/21/2006 10:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 22:48**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 22:48**
File ID: **10M49439**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2	0.245	J	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5	49.6		1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091918

Sample Number: **L0609540-27**
Client ID: **29WW16**
Matrix: **Water**
Workgroup Number: **WG223778**
Collect Date: **09/21/2006 10:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 22:48**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 22:48**
File ID: **10M49439**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3	115		1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1	0.155	J	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7	0.702	J	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2	14.3		1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9	0.281	J	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6	26.4		1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	33300	I	5.00	0.250
Naphthalene	91-20-3	0.628	J	1.00	0.200
n-Propylbenzene	103-65-1	0.126	J	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4	6.47		1.00	0.250
Toluene	108-88-3	17.3		1.00	0.250

Sample Number: **L0609540-27**
Client ID: **29WW16**
Matrix: **Water**
Workgroup Number: **WG223778**
Collect Date: **09/21/2006 10:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 22:48**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 22:48**
File ID: **10M49439**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6	4340	I	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4	22.4		1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	91.8	86	118	
1,2-Dichloroethane-d4	92.9	80	120	
Toluene-d8	98.8	88	110	
4-Bromofluorobenzene	105	86	115	

I Semiquantitative result (out of instrument calibration range)
J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-27**
Client ID: **29WW16**
Matrix: **Water**
Workgroup Number: **WG223798**
Collect Date: **09/21/2006 10:30**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **50000**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/30/2006 22:11**
Cal Date: **09/26/2006 17:01**
Run Date: **09/30/2006 22:11**
File ID: **10M49480**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	500000	125000
Benzene	71-43-2		U	50000	6250
Bromobenzene	108-86-1		U	50000	6250
Bromochloromethane	74-97-5		U	50000	10000
Bromodichloromethane	75-27-4		U	50000	12500
Bromoform	75-25-2		U	50000	25000
Bromomethane	74-83-9		U	50000	25000
2-Butanone	78-93-3		U	500000	125000
n-Butylbenzene	104-51-8		U	50000	12500
sec-Butylbenzene	135-98-8		U	50000	12500
tert-Butylbenzene	98-06-6		U	50000	12500
Carbon disulfide	75-15-0		U	50000	25000
Carbon tetrachloride	56-23-5		U	50000	12500
Chlorobenzene	108-90-7		U	50000	6250
Chlorodibromomethane	124-48-1		U	50000	12500
Chloroethane	75-00-3		U	50000	25000
2-Chloroethyl vinyl ether	110-75-8		U	500000	100000
Chloroform	67-66-3		U	50000	6250
Chloromethane	74-87-3		U	50000	12500

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091920

Sample Number: **L0609540-27**
Client ID: **29WW16**
Matrix: **Water**
Workgroup Number: **WG223798**
Collect Date: **09/21/2006 10:30**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **50000**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/30/2006 22:11**
Cal Date: **09/26/2006 17:01**
Run Date: **09/30/2006 22:11**
File ID: **10M49480**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2-Chlorotoluene	95-49-8		U	50000	6250
4-Chlorotoluene	106-43-4		U	50000	12500
1,2-Dibromo-3-chloropropane	96-12-8		U	250000	50000
1,2-Dibromoethane	106-93-4		U	50000	12500
Dibromomethane	74-95-3		U	50000	12500
1,2-Dichlorobenzene	95-50-1		U	50000	6250
1,3-Dichlorobenzene	541-73-1		U	50000	12500
1,4-Dichlorobenzene	106-46-7		U	50000	6250
Dichlorodifluoromethane	75-71-8		U	50000	12500
1,1-Dichloroethane	75-34-3		U	50000	6250
1,2-Dichloroethane	107-06-2		U	50000	12500
1,1-Dichloroethene	75-35-4		U	50000	25000
cis-1,2-Dichloroethene	156-59-2		U	50000	12500
trans-1,2-Dichloroethene	156-60-5		U	50000	12500
1,2-Dichloropropane	78-87-5		U	50000	10000
1,3-Dichloropropane	142-28-9		U	50000	10000
2,2-Dichloropropane	594-20-7		U	50000	12500
cis-1,3-Dichloropropene	10061-01-5		U	50000	12500
trans-1,3-Dichloropropene	10061-02-6		U	50000	25000
1,1-Dichloropropene	563-58-6		U	50000	12500
Ethylbenzene	100-41-4		U	50000	12500
2-Hexanone	591-78-6		U	500000	125000
Hexachlorobutadiene	87-68-3		U	50000	12500
Isopropylbenzene	98-82-8		U	50000	12500
p-Isopropyltoluene	99-87-6		U	50000	12500
4-Methyl-2-pentanone	108-10-1		U	500000	125000
Methylene chloride	75-09-2	7110000		250000	12500
Naphthalene	91-20-3		U	50000	10000
n-Propylbenzene	103-65-1		U	50000	6250
Styrene	100-42-5		U	50000	6250
1,1,1,2-Tetrachloroethane	630-20-6		U	50000	12500
1,1,2,2-Tetrachloroethane	79-34-5		U	50000	6250
Tetrachloroethene	127-18-4		U	50000	12500
Toluene	108-88-3		U	50000	12500
1,2,3-Trichlorobenzene	87-61-6		U	50000	6250
1,2,4-Trichlorobenzene	120-82-1		U	50000	10000
1,1,1-Trichloroethane	71-55-6		U	50000	12500
1,1,2-Trichloroethane	79-00-5		U	50000	12500
Trichloroethene	79-01-6		U	50000	12500
Trichlorofluoromethane	75-69-4		U	50000	12500
1,2,3-Trichloropropane	96-18-4		U	50000	25000
1,2,4-Trimethylbenzene	95-63-6		U	50000	12500
1,3,5-Trimethylbenzene	108-67-8		U	50000	12500
Vinyl acetate	108-05-4		U	500000	125000
Vinyl chloride	75-01-4		U	50000	12500
o-Xylene	95-47-6		U	50000	12500
m-,p-Xylene	136777-61-2		U	50000	25000

Sample Number: **L0609540-27**
Client ID: **29WW16**
Matrix: **Water**
Workgroup Number: **WG223798**
Collect Date: **09/21/2006 10:30**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **50000**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/30/2006 22:11**
Cal Date: **09/26/2006 17:01**
Run Date: **09/30/2006 22:11**
File ID: **10M49480**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	101	86	118	
1,2-Dichloroethane-d4	105	80	120	
Toluene-d8	101	88	110	
4-Bromofluorobenzene	109	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609540-28**
Client ID: **TB**
Matrix: **Water**
Workgroup Number: **WG223778**
Collect Date: **09/21/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 20:08**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 20:08**
File ID: **10M49434**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	2.66	J	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200

Report Number: **L0609540**
Report Date : **October 11, 2006**

00091922

Sample Number: **L0609540-28**
Client ID: **TB**
Matrix: **Water**
Workgroup Number: **WG223778**
Collect Date: **09/21/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 20:08**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 20:08**
File ID: **10M49434**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	3.32	J	5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	99.2	86	118	
1,2-Dichloroethane-d4	101	80	120	
Toluene-d8	102	88	110	
4-Bromofluorobenzene	105	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

WORKGROUP SUMMARY BY METHOD

Analysis: Mercury, Total
Extraction Method: METHOD
Workgroup: WG223169

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-02	35-SMP034-SB01-02		09/23/06 12:30			HOT BLOCK	REK
L0609540-03	35-SMP034-SB02-02		09/23/06 12:30			HOT BLOCK	REK
L0609540-06	35-SMP111-SB01-01		09/23/06 12:30			HOT BLOCK	REK
L0609540-07	35-SMP111-SB01-02		09/23/06 12:30			HOT BLOCK	REK
L0609540-08	35-SMP073-SB01-01		09/23/06 12:30			HOT BLOCK	REK
L0609540-09	35-SMP073-SB01-02		09/23/06 12:30			HOT BLOCK	REK

Analysis: Metals Analysis
Extraction Method: 3050B
Workgroup: WG223205

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-02	35-SMP034-SB01-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-03	35-SMP034-SB02-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-06	35-SMP111-SB01-01		09/25/06 06:40			HOT BLOCK	REK
L0609540-07	35-SMP111-SB01-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-08	35-SMP073-SB01-01		09/25/06 06:40			HOT BLOCK	REK
L0609540-09	35-SMP073-SB01-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-10	35-SMP073-SB02-01		09/25/06 06:40			HOT BLOCK	REK
L0609540-11	35-SMP073-SB02-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-12	35-SMP074-SB01-01		09/25/06 06:40			HOT BLOCK	REK
L0609540-13	35-SMP074-SB01-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-14	35-SMP074-SB01-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-15	35-SMP074-SB01-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-16	35-SMP074-SB01-02-QC		09/25/06 06:40			HOT BLOCK	REK
L0609540-17	35-SMP074-SB02-01		09/25/06 06:40			HOT BLOCK	REK
L0609540-18	35-SMP074-SB02-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-19	35-SMP075-SB01-01		09/25/06 06:40			HOT BLOCK	REK
L0609540-20	35-SMP075-SB01-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-21	35-SMP087-SB01-01		09/25/06 06:40			HOT BLOCK	REK
L0609540-22	35-SMP087-SB01-02		09/25/06 06:40			HOT BLOCK	REK
L0609540-23	35-SMP087-SB02-01		09/25/06 06:40			HOT BLOCK	REK

Analysis: Explosives
Extraction Method: METHOD
Workgroup: WG223240

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-02	35-SMP034-SB01-02		09/26/06 08:00			SONICATION	CEB
L0609540-03	35-SMP034-SB02-02		09/26/06 08:00			SONICATION	CEB

Analysis: Metals Analysis
Extraction Method: 3051
Workgroup: WG223249

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-02	35-SMP034-SB01-02		09/25/06 07:30			MICROWAVE	VC
L0609540-03	35-SMP034-SB02-02		09/25/06 07:30			MICROWAVE	VC
L0609540-06	35-SMP111-SB01-01		09/25/06 07:30			MICROWAVE	VC
L0609540-07	35-SMP111-SB01-02		09/25/06 07:30			MICROWAVE	VC
L0609540-08	35-SMP073-SB01-01		09/25/06 07:30			MICROWAVE	VC
L0609540-09	35-SMP073-SB01-02		09/25/06 07:30			MICROWAVE	VC
L0609540-10	35-SMP073-SB02-01		09/25/06 07:30			MICROWAVE	VC
L0609540-11	35-SMP073-SB02-02		09/25/06 07:30			MICROWAVE	VC
L0609540-12	35-SMP074-SB01-01		09/25/06 07:30			MICROWAVE	VC
L0609540-13	35-SMP074-SB01-02		09/25/06 07:30			MICROWAVE	VC
L0609540-14	35-SMP074-SB01-02		09/25/06 07:30			MICROWAVE	VC
L0609540-15	35-SMP074-SB01-02		09/25/06 07:30			MICROWAVE	VC
L0609540-16	35-SMP074-SB01-02-QC		09/25/06 07:30			MICROWAVE	VC
L0609540-17	35-SMP074-SB02-01		09/25/06 07:30			MICROWAVE	VC
L0609540-18	35-SMP074-SB02-02		09/25/06 07:30			MICROWAVE	VC
L0609540-19	35-SMP075-SB01-01		09/25/06 07:30			MICROWAVE	VC
L0609540-20	35-SMP075-SB01-02		09/25/06 07:30			MICROWAVE	VC
L0609540-21	35-SMP087-SB01-01		09/25/06 07:30			MICROWAVE	VC
L0609540-22	35-SMP087-SB01-02		09/25/06 07:30			MICROWAVE	VC
L0609540-23	35-SMP087-SB02-01		09/25/06 07:30			MICROWAVE	VC
L0609540-24	35-SMP087-SB02-02		09/25/06 07:30			MICROWAVE	VC
L0609540-25	35-SMP084-SB01-01		09/25/06 07:30			MICROWAVE	VC

Analysis: Metals Analysis
Extraction Method: 3051
Workgroup: WG223251

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-26	35-SMP084-SB01-02		09/25/06 08:30			MICROWAVE	VC

WORKGROUP SUMMARY BY METHOD

Analysis: Metals Analysis
Analytical Method: 6010B
Workgroup: WG223267

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-02	35-SMP034-SB01-02		09/25/06 06:40	09/28/06 18:32	01	IRIS-ICP	SLP
L0609540-02	35-SMP034-SB01-02		09/25/06 06:40	09/28/06 18:38	DL01	IRIS-ICP	SLP
L0609540-03	35-SMP034-SB02-02		09/25/06 06:40	09/28/06 18:56	01	IRIS-ICP	SLP
L0609540-06	35-SMP111-SB01-01		09/25/06 06:40	09/28/06 19:02	01	IRIS-ICP	SLP
L0609540-07	35-SMP111-SB01-02		09/25/06 06:40	09/28/06 19:08	01	IRIS-ICP	SLP
L0609540-08	35-SMP073-SB01-01		09/25/06 06:40	09/28/06 19:26	01	IRIS-ICP	SLP
L0609540-09	35-SMP073-SB01-02		09/25/06 06:40	09/28/06 19:32	01	IRIS-ICP	SLP
L0609540-10	35-SMP073-SB02-01		09/25/06 06:40	09/28/06 19:38	01	IRIS-ICP	SLP
L0609540-11	35-SMP073-SB02-02		09/25/06 06:40	09/28/06 19:44	01	IRIS-ICP	SLP
L0609540-12	35-SMP074-SB01-01		09/25/06 06:40	09/28/06 19:50	01	IRIS-ICP	SLP
L0609540-13	35-SMP074-SB01-02		09/25/06 06:40	09/28/06 19:55	01	IRIS-ICP	SLP
L0609540-13	35-SMP074-SB01-02		09/25/06 06:40	09/29/06 20:10	DL01	IRIS-ICP	SLP
L0609540-14	35-SMP074-SB01-02		09/25/06 06:40	09/28/06 20:02	01	IRIS-ICP	SLP
L0609540-14	35-SMP074-SB01-02		09/25/06 06:40	09/29/06 20:16	DL01	IRIS-ICP	SLP
L0609540-15	35-SMP074-SB01-02		09/25/06 06:40	09/28/06 20:08	01	IRIS-ICP	SLP
L0609540-15	35-SMP074-SB01-02		09/25/06 06:40	09/29/06 20:22	DL01	IRIS-ICP	SLP
L0609540-16	35-SMP074-SB01-02-QC		09/25/06 06:40	09/28/06 20:14	01	IRIS-ICP	SLP
L0609540-17	35-SMP074-SB02-01		09/25/06 06:40	09/28/06 20:20	01	IRIS-ICP	SLP
L0609540-18	35-SMP074-SB02-02		09/25/06 06:40	09/28/06 20:38	01	IRIS-ICP	SLP
L0609540-19	35-SMP075-SB01-01		09/25/06 06:40	09/28/06 20:43	01	IRIS-ICP	SLP
L0609540-20	35-SMP075-SB01-02		09/25/06 06:40	09/28/06 20:50	01	IRIS-ICP	SLP
L0609540-21	35-SMP087-SB01-01		09/25/06 06:40	09/28/06 20:55	01	IRIS-ICP	SLP
L0609540-22	35-SMP087-SB01-02		09/25/06 06:40	09/28/06 21:02	01	IRIS-ICP	SLP
L0609540-23	35-SMP087-SB02-01		09/25/06 06:40	09/28/06 21:07	01	IRIS-ICP	SLP

Analysis:Mercury, Total
Extraction Method:METHOD
Workgroup:WG223269

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-10	35-SMP073-SB02-01		09/25/06 13:20			HOT BLOCK	REK
L0609540-11	35-SMP073-SB02-02		09/25/06 13:20			HOT BLOCK	REK
L0609540-12	35-SMP074-SB01-01		09/25/06 13:20			HOT BLOCK	REK
L0609540-13	35-SMP074-SB01-02		09/25/06 13:20			HOT BLOCK	REK
L0609540-14	35-SMP074-SB01-02		09/25/06 13:20			HOT BLOCK	REK
L0609540-15	35-SMP074-SB01-02		09/25/06 13:20			HOT BLOCK	REK
L0609540-16	35-SMP074-SB01-02-QC		09/25/06 13:20			HOT BLOCK	REK
L0609540-17	35-SMP074-SB02-01		09/25/06 13:20			HOT BLOCK	REK
L0609540-18	35-SMP074-SB02-02		09/25/06 13:20			HOT BLOCK	REK
L0609540-19	35-SMP075-SB01-01		09/25/06 13:20			HOT BLOCK	REK
L0609540-20	35-SMP075-SB01-02		09/25/06 13:20			HOT BLOCK	REK
L0609540-21	35-SMP087-SB01-01		09/25/06 13:20			HOT BLOCK	REK
L0609540-22	35-SMP087-SB01-02		09/25/06 13:20			HOT BLOCK	REK
L0609540-23	35-SMP087-SB02-01		09/25/06 13:20			HOT BLOCK	REK
L0609540-24	35-SMP087-SB02-02		09/25/06 13:20			HOT BLOCK	REK
L0609540-25	35-SMP084-SB01-01		09/25/06 13:20			HOT BLOCK	REK
L0609540-26	35-SMP084-SB01-02		09/25/06 13:20			HOT BLOCK	REK

Analysis:Mercury, Total
Analytical Method:7471A
Workgroup:WG223272

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-02	35-SMP034-SB01-02		09/23/06 12:30	09/25/06 15:57	01	HYDRA	PAS
L0609540-03	35-SMP034-SB02-02		09/23/06 12:30	09/25/06 16:06	01	HYDRA	PAS
L0609540-06	35-SMP111-SB01-01		09/23/06 12:30	09/25/06 16:08	01	HYDRA	PAS
L0609540-07	35-SMP111-SB01-02		09/23/06 12:30	09/25/06 16:10	01	HYDRA	PAS
L0609540-08	35-SMP073-SB01-01		09/23/06 12:30	09/25/06 16:12	01	HYDRA	PAS
L0609540-09	35-SMP073-SB01-02		09/23/06 12:30	09/25/06 16:59	DL01	HYDRA	MMB

WORKGROUP SUMMARY BY METHOD

Analysis: Perchlorate
Analytical Method: 314.0
Workgroup: WG223310

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-01	35-SMP066-SB01-02			10/06/06 17:40	01	IC1	JWR
L0609540-08	35-SMP073-SB01-01			10/06/06 18:01	DL01	IC1	JWR
L0609540-09	35-SMP073-SB01-02			10/06/06 18:21	01	IC1	JWR
L0609540-10	35-SMP073-SB02-01			10/06/06 18:42	DL01	IC1	JWR
L0609540-11	35-SMP073-SB02-02			10/06/06 19:02	DL01	IC1	JWR
L0609540-12	35-SMP074-SB01-01			10/06/06 19:22	DL01	IC1	JWR
L0609540-13	35-SMP074-SB01-02			10/06/06 19:43	DL01	IC1	JWR
L0609540-14	35-SMP074-SB01-02			10/06/06 20:44	DL01	IC1	JWR
L0609540-15	35-SMP074-SB01-02			10/06/06 21:04	DL01	IC1	JWR
L0609540-16	35-SMP074-SB01-02-QC			10/06/06 21:25	DL01	IC1	JWR
L0609540-17	35-SMP074-SB02-01			10/06/06 21:45	DL01	IC1	JWR
L0609540-18	35-SMP074-SB02-02			10/06/06 22:06	DL01	IC1	JWR
L0609540-19	35-SMP075-SB01-01			10/06/06 22:26	DL01	IC1	JWR
L0609540-20	35-SMP075-SB01-02			10/06/06 22:47	DL01	IC1	JWR
L0609540-21	35-SMP087-SB01-01			10/06/06 23:07	DL01	IC1	JWR
L0609540-22	35-SMP087-SB01-02			10/06/06 23:27	DL01	IC1	JWR
L0609540-23	35-SMP087-SB02-01			10/06/06 23:48	DL01	IC1	JWR
L0609540-24	35-SMP087-SB02-02			10/07/06 00:29	01	IC1	JWR
L0609540-25	35-SMP084-SB01-01			10/07/06 00:49	DL01	IC1	JWR
L0609540-26	35-SMP084-SB01-02			10/07/06 01:30	DL01	IC1	JWR

Analysis: Perchlorate
Extraction Method: 314.0
Workgroup: WG223310

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-01	35-SMP066-SB01-02		10/06/06 16:18			FILTER	JWR
L0609540-08	35-SMP073-SB01-01		10/06/06 16:18			FILTER	JWR
L0609540-09	35-SMP073-SB01-02		10/06/06 16:18			FILTER	JWR
L0609540-10	35-SMP073-SB02-01		10/06/06 16:18			FILTER	JWR
L0609540-11	35-SMP073-SB02-02		10/06/06 16:18			FILTER	JWR
L0609540-12	35-SMP074-SB01-01		10/06/06 16:18			FILTER	JWR
L0609540-13	35-SMP074-SB01-02		10/06/06 16:18			FILTER	JWR
L0609540-14	35-SMP074-SB01-02		10/06/06 16:18			FILTER	JWR
L0609540-15	35-SMP074-SB01-02		10/06/06 16:18			FILTER	JWR
L0609540-16	35-SMP074-SB01-02-QC		10/06/06 16:18			FILTER	JWR
L0609540-17	35-SMP074-SB02-01		10/06/06 16:18			FILTER	JWR
L0609540-18	35-SMP074-SB02-02		10/06/06 16:18			FILTER	JWR
L0609540-19	35-SMP075-SB01-01		10/06/06 16:18			FILTER	JWR
L0609540-20	35-SMP075-SB01-02		10/06/06 16:18			FILTER	JWR
L0609540-21	35-SMP087-SB01-01		10/06/06 16:18			FILTER	JWR
L0609540-22	35-SMP087-SB01-02		10/06/06 16:18			FILTER	JWR
L0609540-23	35-SMP087-SB02-01		10/06/06 16:18			FILTER	JWR
L0609540-24	35-SMP087-SB02-02		10/06/06 16:18			FILTER	JWR
L0609540-25	35-SMP084-SB01-01		10/06/06 16:18			FILTER	JWR
L0609540-26	35-SMP084-SB01-02		10/06/06 16:18			FILTER	JWR

Analysis: Semivolatile Compounds
Extraction Method: 3545
Workgroup: WG223325

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-12	35-SMP074-SB01-01		09/26/06 13:30			ASE	CPD
L0609540-13	35-SMP074-SB01-02		09/26/06 13:30			ASE	CPD
L0609540-14	35-SMP074-SB01-02		09/26/06 13:30			ASE	CPD
L0609540-15	35-SMP074-SB01-02		09/26/06 13:30			ASE	CPD
L0609540-16	35-SMP074-SB01-02-QC		09/26/06 13:30			ASE	CPD
L0609540-17	35-SMP074-SB02-01		09/26/06 13:30			ASE	CPD
L0609540-18	35-SMP074-SB02-02		09/26/06 13:30			ASE	CPD

Analysis: Metals Analysis
Extraction Method: 3050B
Workgroup: WG223348

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-24	35-SMP087-SB02-02		09/26/06 07:15			HOT BLOCK	REK
L0609540-25	35-SMP084-SB01-01		09/26/06 07:15			HOT BLOCK	REK
L0609540-26	35-SMP084-SB01-02		09/26/06 07:15			HOT BLOCK	REK

Analysis:Mercury, Total
Analytical Method:7471A
Workgroup:WG223379

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-10	35-SMP073-SB02-01		09/25/06 13:20	09/26/06 14:17	01	HYDRA	PAS
L0609540-11	35-SMP073-SB02-02		09/25/06 13:20	09/26/06 14:20	01	HYDRA	PAS
L0609540-12	35-SMP074-SB01-01		09/25/06 13:20	09/26/06 14:22	01	HYDRA	PAS
L0609540-13	35-SMP074-SB01-02		09/25/06 13:20	09/26/06 14:24	01	HYDRA	PAS
L0609540-14	35-SMP074-SB01-02		09/25/06 13:20	09/26/06 14:26	01	HYDRA	PAS
L0609540-15	35-SMP074-SB01-02		09/25/06 13:20	09/26/06 14:28	01	HYDRA	PAS
L0609540-16	35-SMP074-SB01-02-QC		09/25/06 13:20	09/26/06 14:29	01	HYDRA	PAS
L0609540-17	35-SMP074-SB02-01		09/25/06 13:20	09/26/06 14:35	01	HYDRA	PAS
L0609540-18	35-SMP074-SB02-02		09/25/06 13:20	09/26/06 14:37	01	HYDRA	PAS
L0609540-19	35-SMP075-SB01-01		09/25/06 13:20	09/26/06 14:40	01	HYDRA	PAS
L0609540-20	35-SMP075-SB01-02		09/25/06 13:20	09/26/06 14:41	01	HYDRA	PAS
L0609540-21	35-SMP087-SB01-01		09/25/06 13:20	09/26/06 14:43	01	HYDRA	PAS
L0609540-22	35-SMP087-SB01-02		09/25/06 13:20	09/26/06 14:45	01	HYDRA	PAS
L0609540-23	35-SMP087-SB02-01		09/25/06 13:20	09/26/06 14:46	01	HYDRA	PAS
L0609540-24	35-SMP087-SB02-02		09/25/06 13:20	09/26/06 14:48	01	HYDRA	PAS
L0609540-25	35-SMP084-SB01-01		09/25/06 13:20	09/26/06 14:50	01	HYDRA	PAS
L0609540-26	35-SMP084-SB01-02		09/25/06 13:20	09/26/06 14:52	01	HYDRA	PAS

Analysis:Percent Solids
Analytical Method:D2216-90
Workgroup:WG223380

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-04	35-SMP113-SB01-02			09/26/06 12:20		OVEN	TMB
L0609540-05	35-SMP113-SB02-02			09/26/06 12:20		OVEN	TMB
L0609540-08	35-SMP073-SB01-01			09/26/06 12:20		OVEN	TMB
L0609540-09	35-SMP073-SB01-02			09/26/06 12:20		OVEN	TMB
L0609540-10	35-SMP073-SB02-01			09/26/06 12:20		OVEN	TMB
L0609540-11	35-SMP073-SB02-02			09/26/06 12:20		OVEN	TMB
L0609540-12	35-SMP074-SB01-01			09/26/06 12:20		OVEN	TMB

Analysis: TPH - Texas Method 1005
Extraction Method: METHOD
Workgroup: WG223381

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-04	35-SMP113-SB01-02		09/26/06 09:00			HP14	HAV
L0609540-05	35-SMP113-SB02-02		09/26/06 09:00			HP14	HAV
L0609540-08	35-SMP073-SB01-01		09/26/06 09:00			HP14	HAV
L0609540-09	35-SMP073-SB01-02		09/26/06 09:00			HP14	HAV
L0609540-10	35-SMP073-SB02-01		09/26/06 09:00			HP14	HAV
L0609540-11	35-SMP073-SB02-02		09/26/06 09:00			HP14	HAV
L0609540-12	35-SMP074-SB01-01		09/26/06 09:00			HP14	HAV
L0609540-13	35-SMP074-SB01-02		09/26/06 09:00			HP14	HAV
L0609540-14	35-SMP074-SB01-02		09/26/06 09:00			HP14	HAV
L0609540-15	35-SMP074-SB01-02		09/26/06 09:00			HP14	HAV
L0609540-16	35-SMP074-SB01-02-QC		09/26/06 09:00			HP14	HAV
L0609540-17	35-SMP074-SB02-01		09/26/06 09:00			HP14	HAV
L0609540-18	35-SMP074-SB02-02		09/26/06 09:00			HP14	HAV
L0609540-19	35-SMP075-SB01-01		09/26/06 09:00			HP14	HAV
L0609540-20	35-SMP075-SB01-02		09/26/06 09:00			HP14	HAV

Analysis: TPH - Texas Method 1005
Analytical Method: T1005
Workgroup: WG223382

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-04	35-SMP113-SB01-02		09/26/06 09:00	09/26/06 12:43	01	HP14	HAV
L0609540-05	35-SMP113-SB02-02		09/26/06 09:00	09/26/06 20:01	01	HP14	HAV
L0609540-08	35-SMP073-SB01-01		09/26/06 09:00	09/26/06 20:41	01	HP14	HAV
L0609540-09	35-SMP073-SB01-02		09/26/06 09:00	09/26/06 21:21	01	HP14	HAV
L0609540-10	35-SMP073-SB02-01		09/26/06 09:00	09/26/06 22:01	01	HP14	HAV
L0609540-11	35-SMP073-SB02-02		09/26/06 09:00	09/26/06 22:41	01	HP14	HAV
L0609540-12	35-SMP074-SB01-01		09/26/06 09:00	09/26/06 23:21	01	HP14	HAV
L0609540-13	35-SMP074-SB01-02		09/26/06 09:00	09/26/06 13:23	01	HP14	HAV
L0609540-14	35-SMP074-SB01-02		09/26/06 09:00	09/26/06 14:02	01	HP14	HAV
L0609540-15	35-SMP074-SB01-02		09/26/06 09:00	09/26/06 14:41	01	HP14	HAV
L0609540-16	35-SMP074-SB01-02-QC		09/26/06 09:00	09/27/06 00:01	01	HP14	HAV
L0609540-17	35-SMP074-SB02-01		09/26/06 09:00	09/27/06 00:41	01	HP14	HAV
L0609540-18	35-SMP074-SB02-02		09/26/06 09:00	09/27/06 01:21	01	HP14	HAV
L0609540-19	35-SMP075-SB01-01		09/26/06 09:00	09/27/06 02:01	01	HP14	HAV
L0609540-20	35-SMP075-SB01-02		09/26/06 09:00	09/27/06 12:04	01	HP14	HAV

Analysis: Percent Solids
Analytical Method: D2216-90
Workgroup: WG223387

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-02	35-SMP034-SB01-02			09/26/06 13:05		OVEN	TMB
L0609540-03	35-SMP034-SB02-02			09/26/06 13:05		OVEN	TMB
L0609540-13	35-SMP074-SB01-02			09/26/06 13:05		OVEN	TMB
L0609540-14	35-SMP074-SB01-02			09/26/06 13:05		OVEN	TMB
L0609540-15	35-SMP074-SB01-02			09/26/06 13:05		OVEN	TMB
L0609540-16	35-SMP074-SB01-02-QC			09/26/06 13:05		OVEN	TMB
L0609540-17	35-SMP074-SB02-01			09/26/06 13:05		OVEN	TMB
L0609540-18	35-SMP074-SB02-02			09/26/06 13:05		OVEN	TMB
L0609540-19	35-SMP075-SB01-01			09/26/06 13:05		OVEN	TMB
L0609540-20	35-SMP075-SB01-02			09/26/06 13:05		OVEN	TMB

Analysis: Metals Analysis
Analytical Method: 6010B
Workgroup: WG223450

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-24	35-SMP087-SB02-02		09/26/06 07:15	09/29/06 19:40	01	IRIS-ICP	SLP
L0609540-25	35-SMP084-SB01-01		09/26/06 07:15	09/29/06 19:46	01	IRIS-ICP	SLP
L0609540-26	35-SMP084-SB01-02		09/26/06 07:15	09/29/06 19:52	01	IRIS-ICP	SLP
L0609540-26	35-SMP084-SB01-02		09/26/06 07:15	10/02/06 13:03	DL01	IRIS-ICP	SLP

Analysis: Volatile Organics
Analytical Method: 8260B
Workgroup: WG223575

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-01	35-SMP066-SB01-02			09/28/06 15:47	01	HPMS9	MES
L0609540-02	35-SMP034-SB01-02			09/28/06 16:19	01	HPMS9	MES
L0609540-03	35-SMP034-SB02-02			09/28/06 16:51	01	HPMS9	MES
L0609540-04	35-SMP113-SB01-02			09/28/06 17:23	01	HPMS9	MES
L0609540-05	35-SMP113-SB02-02			09/28/06 17:55	01	HPMS9	MES
L0609540-07	35-SMP111-SB01-02			09/28/06 18:27	01	HPMS9	MES
L0609540-09	35-SMP073-SB01-02			09/28/06 18:59	01	HPMS9	MES
L0609540-11	35-SMP073-SB02-02			09/28/06 19:31	01	HPMS9	MES
L0609540-13	35-SMP074-SB01-02			09/28/06 12:05	01	HPMS9	MES
L0609540-14	35-SMP074-SB01-02			09/28/06 12:37	01	HPMS9	MES
L0609540-15	35-SMP074-SB01-02			09/28/06 13:09	01	HPMS9	MES
L0609540-16	35-SMP074-SB01-02-QC			09/28/06 20:03	01	HPMS9	MES

Analysis:Volatile Organics
Extraction Method:5030B
Workgroup:WG223575

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-01	35-SMP066-SB01-02				223575	HPMS9	MES
L0609540-02	35-SMP034-SB01-02				223575	HPMS9	MES
L0609540-03	35-SMP034-SB02-02				223575	HPMS9	MES
L0609540-04	35-SMP113-SB01-02				223575	HPMS9	MES
L0609540-05	35-SMP113-SB02-02				223575	HPMS9	MES
L0609540-07	35-SMP111-SB01-02				223575	HPMS9	MES
L0609540-09	35-SMP073-SB01-02				223575	HPMS9	MES
L0609540-11	35-SMP073-SB02-02				223575	HPMS9	MES
L0609540-13	35-SMP074-SB01-02				223575	HPMS9	MES
L0609540-14	35-SMP074-SB01-02				223575	HPMS9	MES
L0609540-15	35-SMP074-SB01-02				223575	HPMS9	MES
L0609540-16	35-SMP074-SB01-02-QC				223575	HPMS9	MES

Analysis:Percent Solids
Analytical Method:D2216-90
Workgroup:WG223660

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-01	35-SMP066-SB01-02			09/28/06 17:45		OVEN	TMM
L0609540-06	35-SMP111-SB01-01			09/28/06 17:45		OVEN	TMM
L0609540-07	35-SMP111-SB01-02			09/28/06 17:45		OVEN	TMM
L0609540-21	35-SMP087-SB01-01			09/28/06 17:45		OVEN	TMM
L0609540-22	35-SMP087-SB01-02			09/28/06 17:45		OVEN	TMM
L0609540-23	35-SMP087-SB02-01			09/28/06 17:45		OVEN	TMM
L0609540-24	35-SMP087-SB02-02			09/28/06 17:45		OVEN	TMM
L0609540-25	35-SMP084-SB01-01			09/28/06 17:45		OVEN	TMM
L0609540-26	35-SMP084-SB01-02			09/28/06 17:45		OVEN	TMM

Analysis: Metals Analysis
Analytical Method: 6020
Workgroup: WG223683

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-02	35-SMP034-SB01-02		09/25/06 07:30	09/29/06 11:09	01	ELAN-ICP	JYH
L0609540-03	35-SMP034-SB02-02		09/25/06 07:30	09/29/06 11:15	01	ELAN-ICP	JYH
L0609540-03	35-SMP034-SB02-02		09/25/06 07:30	09/29/06 13:45	DL01	ELAN-ICP	JYH
L0609540-06	35-SMP111-SB01-01		09/25/06 07:30	09/29/06 11:48	01	ELAN-ICP	JYH
L0609540-07	35-SMP111-SB01-02		09/25/06 07:30	09/29/06 11:55	01	ELAN-ICP	JYH
L0609540-08	35-SMP073-SB01-01		09/25/06 07:30	09/29/06 12:01	01	ELAN-ICP	JYH
L0609540-09	35-SMP073-SB01-02		09/25/06 07:30	09/29/06 12:07	01	ELAN-ICP	JYH
L0609540-10	35-SMP073-SB02-01		09/25/06 07:30	09/29/06 12:13	01	ELAN-ICP	JYH
L0609540-11	35-SMP073-SB02-02		09/25/06 07:30	09/29/06 12:19	01	ELAN-ICP	JYH
L0609540-12	35-SMP074-SB01-01		09/25/06 07:30	09/29/06 12:25	01	ELAN-ICP	JYH
L0609540-13	35-SMP074-SB01-02		09/25/06 07:30	09/29/06 10:51	01	ELAN-ICP	JYH
L0609540-13	35-SMP074-SB01-02		09/25/06 07:30	10/02/06 16:33	DL01	ELAN-ICP	JYH
L0609540-14	35-SMP074-SB01-02		09/25/06 07:30	09/29/06 10:57	01	ELAN-ICP	JYH
L0609540-14	35-SMP074-SB01-02		09/25/06 07:30	10/02/06 16:40	DL01	ELAN-ICP	JYH
L0609540-15	35-SMP074-SB01-02		09/25/06 07:30	09/29/06 11:03	01	ELAN-ICP	JYH
L0609540-15	35-SMP074-SB01-02		09/25/06 07:30	10/02/06 16:46	DL01	ELAN-ICP	JYH
L0609540-16	35-SMP074-SB01-02-QC		09/25/06 07:30	09/29/06 12:31	01	ELAN-ICP	JYH
L0609540-17	35-SMP074-SB02-01		09/25/06 07:30	09/29/06 12:37	01	ELAN-ICP	JYH
L0609540-18	35-SMP074-SB02-02		09/25/06 07:30	09/29/06 12:43	01	ELAN-ICP	JYH
L0609540-19	35-SMP075-SB01-01		09/25/06 07:30	09/29/06 13:02	01	ELAN-ICP	JYH
L0609540-19	35-SMP075-SB01-01		09/25/06 07:30	09/29/06 13:52	DL01	ELAN-ICP	JYH
L0609540-20	35-SMP075-SB01-02		09/25/06 07:30	09/29/06 13:08	01	ELAN-ICP	JYH
L0609540-21	35-SMP087-SB01-01		09/25/06 07:30	09/29/06 13:14	01	ELAN-ICP	JYH
L0609540-22	35-SMP087-SB01-02		09/25/06 07:30	09/29/06 13:20	01	ELAN-ICP	JYH
L0609540-23	35-SMP087-SB02-01		09/25/06 07:30	09/29/06 13:26	01	ELAN-ICP	JYH
L0609540-24	35-SMP087-SB02-02		09/25/06 07:30	09/29/06 13:33	01	ELAN-ICP	JYH
L0609540-25	35-SMP084-SB01-01		09/25/06 07:30	09/29/06 13:39	01	ELAN-ICP	JYH

Analysis: Volatile Organics
Analytical Method: 8260B
Workgroup: WG223697

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-18	35-SMP074-SB02-02			09/29/06 13:34	01	HPMS9	MES
L0609540-20	35-SMP075-SB01-02			09/29/06 14:05	01	HPMS9	MES
L0609540-22	35-SMP087-SB01-02			09/29/06 14:37	01	HPMS9	MES
L0609540-24	35-SMP087-SB02-02			09/29/06 15:09	01	HPMS9	MES
L0609540-26	35-SMP084-SB01-02			09/29/06 15:41	01	HPMS9	MES

Analysis: Volatile Organics
Extraction Method: 5030B
Workgroup: WG223697

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-18	35-SMP074-SB02-02				223697	HPMS9	MES
L0609540-20	35-SMP075-SB01-02				223697	HPMS9	MES
L0609540-22	35-SMP087-SB01-02				223697	HPMS9	MES
L0609540-24	35-SMP087-SB02-02				223697	HPMS9	MES
L0609540-26	35-SMP084-SB01-02				223697	HPMS9	MES

Analysis: Explosives
Analytical Method: 8330
Workgroup: WG223729

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-02	35-SMP034-SB01-02		09/26/06 08:00	09/29/06 17:57	01	HPLC4	JLS
L0609540-03	35-SMP034-SB02-02		09/26/06 08:00	09/29/06 18:35	01	HPLC4	JLS

Analysis: Metals Analysis
Analytical Method: 6020
Workgroup: WG223741

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-26	35-SMP084-SB01-02		09/25/06 08:30	09/29/06 15:50	01	ELAN-ICP	JYH

Analysis: Volatile Organics
Analytical Method: 8260B
Workgroup: WG223778

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-27	29WW16			09/29/06 22:48	01	HPMS10	MES
L0609540-28	TB			09/29/06 20:08	01	HPMS10	MES

Analysis:Volatile Organics
Extraction Method:5030B
Workgroup:WG223778

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-27	29WW16				223778	HPMS10	MES
L0609540-28	TB				223778	HPMS10	MES

Analysis:Volatile Organics
Analytical Method:8260B
Workgroup:WG223798

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-27	29WW16			09/30/06 22:11	DL01	HPMS10	MES

Analysis:Volatile Organics
Extraction Method:5030B
Workgroup:WG223798

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-27	29WW16				223798	HPMS10	MES

Analysis:Semivolatile Compounds
Analytical Method:8270C
Workgroup:WG223821

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609540-12	35-SMP074-SB01-01		09/26/06 08:30	10/09/06 17:08	01	HPMS5	ALT/DPJ
L0609540-13	35-SMP074-SB01-02		09/26/06 08:30	10/09/06 11:11	01	HPMS5	ALT/DPJ
L0609540-14	35-SMP074-SB01-02		09/26/06 08:30	10/09/06 11:43	01	HPMS5	ALT/DPJ
L0609540-15	35-SMP074-SB01-02		09/26/06 08:30	10/09/06 12:16	01	HPMS5	ALT/DPJ
L0609540-16	35-SMP074-SB01-02-QC		09/26/06 08:30	10/09/06 13:21	01	HPMS5	ALT/DPJ
L0609540-17	35-SMP074-SB02-01		09/26/06 08:30	10/09/06 18:45	DL01	HPMS5	ALT/DPJ
L0609540-18	35-SMP074-SB02-02		09/26/06 08:30	10/09/06 15:31	01	HPMS5	ALT/DPJ

Kemron Environmental Services
Analyst Listing
October 11, 2006

AJF – AMANDA J. FICKIESEN
ALB – ANNIE L. BOCK
ALT – ANN L. THAYER
ARA – ADRIAN R. ACHTERMANN
BRG – BRENDA R. GREGORY
CAA – CASSIE A. AUGENSTEIN
CAF – CHERYL A. FLOWERS
CAK – CHERYL A. KOELSCH
CEB – CHAD E. BARNES
CFB – CHAD F. BOOK
CLC – CHRYS L. CRAWFORD
CLS – CARA L. STRICKLER
CLW – CHARISSA L. WINTERS
CM – CHARLIE MARTIN
CMS – CRYSTAL M. STEPHENS
CPD – CHAD P. DAVIS
CSA – LUCINDA S. ARNOLD
CSH – CHRIS S. HILL
DAS – DALLAS A. SULLIVAN
DD – DIANE M. DENNIS
DDE – DEBRA D. ELLIOTT
DEL – DON E. LIGHTFRITZ
DEV – DAVID E. VANDENBERG
DGB – DOUGLAS G. BUTCHER
DIH – DEANNA I. HESSON
DJ – DONGPING JIANG
DLB – DAVID L. BUMGARNER
DLP – DOROTHY L. PAYNE
DLR – DIANNA L. RAUCH
DR – DEANNA ROBERTS
DRP – DAVE R. PITZER
DSM – DAVID S. MOSSOR
DST – DENNIS S. TEPE
ECL – ERIC C. LAWSON
ED – EMILY E. DECKER
FJB – FRANCES J. BOLDEN
HAV – HEMA VILASAGAR
JAL – JOHN A. LENT
JKT – JANE K. THOMPSON
JLS – JANICE L. SCHIMMEL
JNB – JOSHUA N. BOOTH
JS – JENNIFER L. SOUTHALL
JWR – JOHN W. RICHARDS
JWS – JACK W. SHEAVES
JYH – JI Y. HU
KCZ – KEVIN C. ZUMBRO
KEB – KATHRYN E. BARNES
KHR – KIM H. RHODES
KRA – KATHY R. ALBERTSON
LKN – LINDA K. NEDEFF
LSB – LESLIE S. BUCINA
MDA – MIKE D. ALBERTSON
MDC – MICHAEL D. COCHRAN
MES – MARY E. SCHILLING
MKZ – MARILYN K. ZUMBRO
MLR – MARY L. ROCHOTTE
MLS – MICHAEL L. SCHIMMEL
MMB – MAREN M. BEERY
MSW – MATT S. WILSON
NJB – NATALIE J. BOOTH
PAS – PATRICK A. STREET
PJM – PAUL J. MILLER
RB – ROBERT BUCHANAN
RDC – REBECCA D. CUTLIP
REK – ROBERT E. KYER
RNP – RICK N. PETTY
RWC – RODNEY W. CAMPBELL
SCM – SUSAN C. MOELLENDICK
SLM – STEPHANIE L. MOSSBURG
SLP – SHERI L. PFALZGRAF
SMH – SHAUNA M. HYDE
SRM – SAMUEL R. MCFEE
TMB – TIFFANY M. BAILEY
TMM – TAMMY M. MORRIS
VC – VICKI COLLIER
WFM – WALTER F. MARTIN

KEMRON Environmental Services

List of Valid Qualifiers

October 11, 2006

00091938

Qualkey: STD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
FL	Free Liquid
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL.
J,P	ESTIMATE & COLUMNS DON'T AGREE TO WITHIN 40%
L	Sample reporting limits elevated due to matrix interference
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
Z	Cannot be resolved from isomer - see below

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methylphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound an are matrix dependent.

Organic QA/QC

KEMRON Environmental Services
Data Checklist

00091940

Date: 13-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS9
Curve Workgroup: NA
Runlog ID: 12261
Analytical Workgroups: WG222144,WG222227

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
14-SEP-2006

Secondary Reviewer:
14-SEP-2006

Generated: SEP-14-2006 23:02:57

KEMRON Environmental Services
Data Checklist

00091941

Date: 26-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 12508
Analytical Workgroups: WG223354

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	NA
Project/Client Specific Requirements	NA
Special Standards	NA
Blanks	NA
TCL's	NA
Surrogates	NA
LCS (Laboratory Control Sample)	NA
Recoveries	NA
Surrogates	NA
MS/MSD/Duplicates	NA
Samples	NA
TCL Hits	NA
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Case Narrative	NA
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
27-SEP-2006

Secondary Reviewer:
28-SEP-2006

Generated: SEP-28-2006 16:22:48

KEMRON Environmental Services
Data Checklist

00091942

Date: 28-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS9
Curve Workgroup: NA
Runlog ID: 12556
Analytical Workgroups: WG223575

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
29-SEP-2006

Secondary Reviewer:
01-OCT-2006

Generated: OCT-01-2006 19:25:49

KEMRON Environmental Services
Data Checklist

00091943

Date: 29-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS9
Curve Workgroup: NA
Runlog ID: 12603
Analytical Workgroups: WG223697

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
03-OCT-2006

Secondary Reviewer:
03-OCT-2006

Generated: OCT-03-2006 23:23:34

KEMRON Environmental Services
Data Checklist

00091944

Date: 29-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 12562
Analytical Workgroups: WG223695,WG223778

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	X
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
29-SEP-2006

Secondary Reviewer:
05-OCT-2006

Generated: OCT-05-2006 07:54:57

KEMRON Environmental Services
Data Checklist

00091945

Date: 30-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260/624
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 12705
Analytical Workgroups: WG223798

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
09-OCT-2006

Secondary Reviewer:
10-OCT-2006

Generated: OCT-10-2006 10:13:44

00091946

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS9 Dataset: 091306
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15644

Internal Standard: STD14996 Surrogate Standard: STD15001
CCV: STD14999 LCS: STD14925 MS/MSD: STD14925

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG222144,WG222227

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	9M48520	WG222144-01 50NG BFB STD 8260	NA	7	1	STD14811	09/13/06 08:35
2	9M48521	SYSTEM BLANK	NA	7	1		09/13/06 08:57
3	9M48522	WG222144-02 0.5ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 09:28
4	9M48523	WG222144-03 1ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 10:00
5	9M48524	WG222144-04 2ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 10:32
6	9M48525	WG222144-05 5ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 11:03
7	9M48526	WG222144-06 10ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 11:34
8	9M48527	WG222144-07 20ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 12:05
9	9M48528	WG222144-08 50ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 12:36
10	9M48529	WG222144-09 100ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 13:08
11	9M48530	WG222144-10 200 ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 13:38
12	9M48531	SYSTEM BLANK	NA	7	1		09/13/06 14:09
13	9M48532	SYSTEM BLANK	NA	7	1		09/13/06 14:40
14	9M48533	WG222144-05 5ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 15:11
15	9M48534	WG222144-11 20ug/Kg ALT SOURCE	NA	7	1	STD14925	09/13/06 16:03
16	9M48535	WG222144-11 20ug/Kg ALT SOURCE	NA	7	1	STD14925	09/13/06 16:45
17	9M48536	WG222226-01 50NG BFB STD 8260	NA	7	1	STD14811	09/13/06 17:16
18	9M48537	WG222226-02 50ug/Kg SOIL STD 8260	NA	7	1	STD14999	09/13/06 17:39
19	9M48538	SYSTEM BLANK	NA	7	1		09/13/06 18:10
20	9M48539	WG222144-11 20ug/Kg ALT SOURCE	NA	7	1	STD14925	09/13/06 18:41
21	9M48540	WG222227-01 VBLK0913 BLANK 8260	NA	7	1		09/13/06 19:13
22	9M48541	WG222227-02 20ug/Kg LCS 8260	NA	7	1	STD14925	09/13/06 19:44
23	9M48542	L0609168-10 B 0.9X 826-SPE	NA	7	1		09/13/06 20:15
24	9M48543	L0609124-06 8260A	NA	7	1		09/13/06 20:45
25	9M48544	L0609124-07 A1 8260A	NA	7	1		09/13/06 21:16
26	9M48545	L0609124-08 8260A	NA	7	1		09/13/06 21:48
27	9M48546	L0609212-11 A 0.8X 8260	NA	7	1		09/13/06 22:19
28	9M48547	L0609212-12 MS A 0.8X 8260	NA	7	1		09/13/06 22:50
29	9M48548	L0609212-13 MSD A 0.9X 8260	NA	7	1		09/13/06 23:21
30	9M48549	L0609212-14 A 0.8X 8260	NA	7	1		09/13/06 23:52
31	9M48550	L0609212-16 A 0.9X 8260	NA	7	1		09/14/06 00:24
32	9M48551	L0609262-01 A 0.7X 8260	NA	7	1		09/14/06 00:56

Approved: September 14, 2006

00091947

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS9 Dataset: 091306
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15644

Internal Standard: STD14996 Surrogate Standard: STD15001
CCV: STD14999 LCS: STD14925 MS/MSD: STD14925

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG222144,WG222227

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
33	9M48552	L0609262-02 A 0.7X 8260	NA	7	1		09/14/06 01:27
34	9M48553	L0609262-03 A 0.7X 8260	NA	7	1		09/14/06 01:58
35	9M48554	L0609262-04 A 0.7X 8260	NA	7	1		09/14/06 02:29
36	9M48555	L0609262-05 A 0.7X 8260	NA	7	1		09/14/06 03:01
37	9M48556	L0609262-06 A 0.7X 8260	NA	7	1		09/14/06 03:32
38	9M48557	L0609262-07 A 0.7X 8260	NA	7	1		09/14/06 04:04
39	9M48558	L0609262-08 A 0.7X 8260	NA	7	1		09/14/06 04:35
40	9M48559	SYSTEM BLANK	NA	7	1		09/14/06 05:07
41	9M48560	SYSTEM BLANK	NA	7	1		09/14/06 05:39

Comments

Seq.	Rerun	Dil.	Reason	Analytes
6				
File ID: 9M48525				
Do not report.				
15				
File ID: 9M48534				
RR-acetone is high.				
16				
File ID: 9M48535				
RR-spiked wrong-no acrolein or acrylonitrile.				
23				
File ID: 9M48542				
Do not report-confirms high baseline.				
24	X	5	Surrogate standard failure	
File ID: 9M48543				
26				
File ID: 9M48545				
Do not report.				
30	X	1	Surrogate standard failure	
File ID: 9M48549				
31	X	1	Surrogate standard failure	

Approved: September 14, 2006

KEMRON Environmental Services

Instrument Run Log

00091948

Instrument: HPMS9 Dataset: 091306

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15644

Internal Standard: STD14996 Surrogate Standard: STD15001

CCV: STD14999 LCS: STD14925 MS/MSD: STD14925

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG222144,WG222227

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 9M48550				
32	X	1	Surrogate standard failure	
File ID: 9M48551				
33	X	1	Surrogate standard failure	
File ID: 9M48552				
36	X	1	Surrogate standard failure	
File ID: 9M48555				
37	X	1	Surrogate standard failure	
File ID: 9M48556				

Approved: September 14, 2006

00091949

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 092606

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15878

Internal Standard: STD15077 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223354

Comments: Instrument blew filament 1 last night-switched to filament 2.
Oxygenate portion of this curve did not work for 1,4-dioxane.

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M49296	50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 08:52
2	10M49297	50ug/L WATER STD	NA	1	1	STD15104	09/26/06 09:19
3	10M49298	50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 09:49
4	10M49299	50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 10:09
5	10M49300	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 10:24
6	10M49301	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 10:50
7	10M49302	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 11:19
8	10M49303	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 11:50
9	10M49304	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 12:02
10	10M49305	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 12:20
11	10M49306	WG223354-02 0.3ug/L WATER STD 8260	NA	1	1	STD15356	09/26/06 12:47
12	10M49307	WG223354-03 0.4 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 13:19
13	10M49308	WG223354-04 1 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 13:52
14	10M49309	WG223354-05 2 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 14:23
15	10M49310	WG223354-06 5 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 14:54
16	10M49311	WG223354-07 20 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 15:26
17	10M49312	WG223354-08 50 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 15:57
18	10M49313	WG223354-09 100 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 16:30
19	10M49314	WG223354-10 200 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 17:01
20	10M49315	SYSTEM BLANK	NA	1	1		09/26/06 17:33
21	10M49316	WG223354 50ug/L MA OXYGENATE STD	NA	1	1	STD15129	09/26/06 18:03
22	10M49317	WG223354-11 20ug/L ALT SOURCE	NA	1	1	STD15360	09/26/06 18:35

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2				
File ID: 10M49297				
			standard fails-run a curve.	
5				
File ID: 10M49300				
			BFB failed.	
6				

Approved: September 28, 2006

KEMRON Environmental Services

Instrument Run Log

00091950

Instrument: HPMS10 Dataset: 092606

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15878

Internal Standard: STD15077 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223354

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 10M49301				
			BFB failed. Retune.	
7				
File ID: 10M49302				
			Tuning.	
8				
File ID: 10M49303				
			Tuning.	
9				
File ID: 10M49304				
			Tuning.	
21				
File ID: 10M49316				
			Do not report.	

Approved: September 28, 2006

KEMRON Environmental Services

Instrument Run Log

00091951

Instrument: HPMS9 Dataset: 092806
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15926

Internal Standard: STD15404 Surrogate Standard: STD15405
CCV: STD15104 LCS: STD15161 MS/MSD: STD15161

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223575

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	9M48986	WG223574-01 50NG BFB STD 8260	NA	7	1	STD14811	09/28/06 08:32
2	9M48987	WG223574-02 50ug/Kg SOIL STD 8260	NA	7	1	STD15104	09/28/06 08:54
3	9M48988	WG223575-01 VBLK0928 BLANK 8260	NA	7	1		09/28/06 09:26
4	9M48989	WG223575-02 20ug/Kg LCS 8260	NA	7	1	STD15161	09/28/06 09:58
5	9M48990	L0609513-03 826-SPE	NA	7	1		09/28/06 10:29
6	9M48991	L0609513-04 826-SPE	NA	7	1		09/28/06 11:01
7	9M48992	L0609513-06 A1 826-SPE	NA	7	1		09/28/06 11:33
8	9M48993	L0609540-13 A 1X 8260	NA	7	1		09/28/06 12:05
9	9M48994	L0609540-14 MS A 2.7X 8260	NA	7	1		09/28/06 12:37
10	9M48995	L0609540-15 MSD A 1X 8260	NA	7	1		09/28/06 13:09
11	9M48996	L0609499-20 A 0.7X 8260	NA	7	1		09/28/06 13:40
12	9M48997	L0609499-21 A 0.8X 8260	NA	7	1		09/28/06 14:12
13	9M48998	L0609499-22 A 0.8X 8260	NA	7	1		09/28/06 14:44
14	9M48999	L0609499-24 A 0.8X 8260	NA	7	1		09/28/06 15:15
15	9M49000	L0609540-01 A 0.8X 8260	NA	7	1		09/28/06 15:47
16	9M49001	L0609540-02 A 1.1X 8260	NA	7	1		09/28/06 16:19
17	9M49002	L0609540-03 A 1X 8260	NA	7	1		09/28/06 16:51
18	9M49003	L0609540-04 A 1X 8260	NA	7	1		09/28/06 17:23
19	9M49004	L0609540-05 A 0.9X 8260	NA	7	1		09/28/06 17:55
20	9M49005	L0609540-07 A 1X 8260	NA	7	1		09/28/06 18:27
21	9M49006	L0609540-09 A 0.9X 8260	NA	7	1		09/28/06 18:59
22	9M49007	L0609540-11 A 0.9X 8260	NA	7	1		09/28/06 19:31
23	9M49008	L0609540-16 A 0.9X 8260	NA	7	1		09/28/06 20:03
24	9M49009	L0609540-18 A 0.9X 8260	NA	7	1		09/28/06 20:35
25	9M49010	BLANK-WATER ONLY	NA	7	1		09/28/06 21:07
26	9M49011	5035 BLANK A 9/22/06	NA	7	1		09/28/06 21:39
27	9M49012	L0609169-06 B 826-REF-BLK	NA	7	1		09/28/06 22:10
28	9M49013	L0609169-07 B 826-REF-BLK	NA	7	1		09/28/06 22:42
29	9M49014	L0609169-08 B 826-REF-BLK	NA	7	1		09/28/06 23:13
30	9M49015	SYSTEM CHECK	NA	7	1		09/28/06 23:45
31	9M49016	SYSTEM CHECK	NA	7	1		09/29/06 00:17
32	9M49017	SYSTEM BLANK	NA	7	1		09/29/06 00:48

Approved: October 01, 2006

KEMRON Environmental Services

Instrument Run Log

00091952

Instrument: HPMS9 Dataset: 092806

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15926

Internal Standard: STD15404 Surrogate Standard: STD15405

CCV: STD15104 LCS: STD15161 MS/MSD: STD15161

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223575

Comments

Seq.	Rerun	Dil.	Reason	Analytes
5				
File ID: 9M48990				
A1 to a 00.				
6				
File ID: 9M48991				
A1 to a 00.				
13	X	1	Internal standard failure	
File ID: 9M48998				
24	X	1	Missed Tune	
File ID: 9M49009				

Approved: October 01, 2006

00091953

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS9 Dataset: 092906

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15971

Internal Standard: STD15404 Surrogate Standard: STD15405

CCV: STD15104 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223697

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	9M49019	WG223696-01 50NG BFB STD 8260	NA	7	1	STD14811	09/29/06 08:23
2	9M49020	WG223696-02 50ug/Kg SOIL STD 8260	NA	7	1	STD15104	09/29/06 08:50
3	9M49021	WG223697-01 VBLK0929 BLANK 8260	NA	7	1		09/29/06 09:22
4	9M49022	WG223697-02 20ug/Kg LCS 8260	NA	7	1	STD15360	09/29/06 09:53
5	9M49023	L0609499-22 A 0.8X 8260	NA	7	1		09/29/06 10:25
6	9M49024	L0609535-02 A 0.9X 8260	NA	7	1		09/29/06 10:57
7	9M49025	L0609535-04 A 0.8X 8260	NA	7	1		09/29/06 11:29
8	9M49026	L0609581-09 A 0.9X 8260	NA	7	1		09/29/06 12:00
9	9M49027	L0609581-10 MS A 0.9X 8260	NA	7	1		09/29/06 12:31
10	9M49028	L0609581-11 MSD A 1.1X 8260	NA	7	1		09/29/06 13:03
11	9M49029	L0609540-18 B 0.9X 8260	NA	7	1		09/29/06 13:34
12	9M49030	L0609540-20 A 1X 8260	NA	7	1		09/29/06 14:05
13	9M49031	L0609540-22 A 0.9X 8260	NA	7	1		09/29/06 14:37
14	9M49032	L0609540-24 A 1X 8260	NA	7	1		09/29/06 15:09
15	9M49033	L0609540-26 A 0.9X 8260	NA	7	1		09/29/06 15:41
16	9M49034	L0609621-03 A 1X 8260	NA	7	1		09/29/06 16:12
17	9M49035	L0609581-02 A 0.7X 8260	NA	7	1		09/29/06 16:44
18	9M49036	L0609581-04 A 0.8X 8260	NA	7	1		09/29/06 17:15
19	9M49037	L0609581-06 A 1X 8260	NA	7	1		09/29/06 17:47
20	9M49038	L0609646-01 A 0.2X 826-SPE	NA	7	1		09/29/06 18:19
21	9M49039	L0609646-02 A 0.2X 826-SPE	NA	7	1		09/29/06 18:51
22	9M49040	L0609646-03 B 0.2X 826-SPE	NA	7	1		09/29/06 19:23
23	9M49041	L0609646-04 A 0.2X 826-SPE	NA	7	1		09/29/06 19:54
24	9M49042	L0609646-05 A 0.2X 826-SPE	NA	7	1		09/29/06 20:26
25	9M49043	SYSTEM BLANK	NA	7	1		09/29/06 20:58
26	9M49044	L0609356-06 A 826-REF-BLK	NA	7	1		09/29/06 21:29
27	9M49045	L0609356-07 A 826-REF-BLK	NA	7	1		09/29/06 22:00
28	9M49046	L0609356-08 A 826-REF-BLK	NA	7	1		09/29/06 22:32
29	9M49047	L0609630-02 1000X SCREEN	NA	7	1		09/29/06 23:03
30	9M49048	L0609630-03 1000X SCREEN	NA	7	1		09/29/06 23:35
31	9M49049	L0609630-04 1000X SCREEN	NA	7	1		09/30/06 00:06
32	9M49050	L0609630-05 1000X SCREEN	NA	7	1		09/30/06 00:38

Approved: October 03, 2006

KEMRON Environmental Services

Instrument Run Log

00091954

Instrument: HPMS9 Dataset: 092906
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15971

Internal Standard: STD15404 Surrogate Standard: STD15405
CCV: STD15104 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223697

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
33	9M49051	L0609658-01 1000X SCREEN	NA	7	1		09/30/06 01:09
34	9M49052	L0609658-02 1000X SCREEN	NA	7	1		09/30/06 01:41
35	9M49053	L0609658-04 1000X SCREEN	NA	7	1		09/30/06 02:12
36	9M49054	L0609658-05 1000X SCREEN	NA	7	1		09/30/06 02:43
37	9M49055	L0609658-06 1000X SCREEN	NA	7	1		09/30/06 03:15
38	9M49056	L0609658-07 1000X SCREEN	NA	7	1		09/30/06 03:46
39	9M49057	L0609715-10 1000X SCREEN	NA	7	1		09/30/06 04:18
40	9M49058	L0609715-11 1000X SCREEN	NA	7	1		09/30/06 04:49
41	9M49059	SYSTEM CHECK	NA	7	1		09/30/06 05:21
42	9M49060	SYSTEM CHECK	NA	7	1		09/30/06 05:52
43	9M49061	SYSTEM BLANK	NA	7	1		09/30/06 06:24

Comments

Seq.	Rerun	Dil.	Reason	Analytes
5				
File ID: 9M49023				
A1 to a 00.				
22	X	100	Over Calibration Range	benzene
File ID: 9M49040				
23	X	100	Over Calibration Range	benzene
File ID: 9M49041				
Unable to run M1-vial broken.				
24	X	1	Missed Tune	
File ID: 9M49042				

Approved: October 03, 2006

00091955

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 092906

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15930

Internal Standard: STD15436 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223695,WG223778

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M49411	WG223694-01 50NG BFB STD 8260	NA	1	1	STD14811	09/29/06 08:22
2	10M49412	WG223694-02 50ug/L WATER STD 8260	NA	1	1	STD15356	09/29/06 08:44
3	10M49413	WG223695-01 VBLK0929 BLANK 8260	NA	1	1		09/29/06 09:16
4	10M49414	WG223695-02 20ug/L LCS 8260	NA	1	1	STD15360	09/29/06 09:48
5	10M49415	L0609587-14 A 826-SPE	<2	1	1		09/29/06 10:20
6	10M49416	L0609587-15 A 826-SPE	<2	1	1		09/29/06 10:51
7	10M49417	L0609587-16 A 826-SPE	<2	1	1		09/29/06 11:23
8	10M49418	L0609587-03 A 826-SPE	<2	1	1		09/29/06 11:55
9	10M49419	L0609587-04 MS A 826-SPE	<2	1	1	STD15360	09/29/06 12:26
10	10M49420	L0609587-05 MSD A 826-SPE	<2	1	1	STD15360	09/29/06 12:57
11	10M49421	L0607001-01 8260	NA	1	1	STD15356	09/29/06 13:29
12	10M49422	L0607002-01 8260	NA	1	1	STD15356	09/29/06 14:02
13	10M49423	L0607001-01 8260	NA	1	1	STD15356	09/29/06 14:33
14	10M49424	L0607002-01 8260	NA	1	1	STD15356	09/29/06 15:05
15	10M49425	L0609691-01 B D1 100X 826-LOW	6	1	100		09/29/06 15:36
16	10M49426	L0609610-01 A 8260	5	1	1		09/29/06 16:08
17	10M49427	L0609610-02 A 8260	<2	1	1		09/29/06 16:39
18	10M49428	SYSTEM CHECK	NA	1	1		09/29/06 17:11
19	10M49429	WG223777-01 50NG BFB STD 8260	NA	1	1	STD14811	09/29/06 17:38
20	10M49430	WG223777-02 50ug/L WATER STD 8260	NA	1	1	STD15356	09/29/06 17:59
21	10M49431	WG223778-01 VBLK0929 BLANK 8260	NA	1	1		09/29/06 18:31
22	10M49432	WG223778-02 20ug/L LCS 8260	NA	1	1	STD15360	09/29/06 19:04
23	10M49433	L0609603-01 A 826-LOW	<2	1	1		09/29/06 19:36
24	10M49434	L0609540-28 A 826-LOW	<2	1	1		09/29/06 20:08
25	10M49435	L0609711-01 A 826-LOW	<2	1	1		09/29/06 20:40
26	10M49436	L0609711-02 A 826-LOW	<2	1	1		09/29/06 21:12
27	10M49437	L0609783-02 A 826-LOW	7	1	1		09/29/06 21:44
28	10M49438	L0609530-01 A 826-LOW	<2	1	1		09/29/06 22:16
29	10M49439	L0609540-27 A 826-LOW	<2	1	1		09/29/06 22:48
30	10M49440	WG223778-03 L0609584-	<2	1	1		09/29/06 23:20
31	10M49441	WG223778-04 L0609584-17	<2	1	1	STD15360	09/29/06 23:51
32	10M49442	WG223778-05 L0609584-19 M	<2	1	1	STD15360	09/30/06 00:23

Approved: October 05, 2006

KEMRON Environmental Services

Instrument Run Log

00091956

Instrument: HPMS10 Dataset: 092906
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15930

Internal Standard: STD15436 Surrogate Standard: STD15264
CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223695,WG223778

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
33	10M49443	L0609603-04 A 826-LOW	<2	1	1		09/30/06 00:55
34	10M49444	L0609584-03 A 826-LOW	<2	1	1		09/30/06 01:26
35	10M49445	L0609584-05 A 826-LOW	<2	1	1		09/30/06 01:58
36	10M49446	L0609584-07 A 826-LOW	<2	1	1		09/30/06 02:30
37	10M49447	L0609584-09 A 826-LOW	<2	1	1		09/30/06 03:02
38	10M49448	L0609584-11 A 826-LOW	<2	1	1		09/30/06 03:33
39	10M49449	L0609584-13 A 826-LOW	<2	1	1		09/30/06 04:05
40	10M49450	L0609584-21 A 826-LOW	<2	1	1		09/30/06 04:37
41	10M49451	SYSTEM CHECK	NA	1	1		09/30/06 05:09
42	10M49452	SYSTEM CHECK	NA	1	1		09/30/06 05:41

Comments

Seq.	Rerun	Dil.	Reason	Analytes
27	X	100	Over Calibration Range	PCE
File ID: 10M49437				
28	X	1	Carry-over contamination	
File ID: 10M49438				
Do not report.				
29	X	50000	Over Calibration Range	methylene chloride and TCE
File ID: 10M49439				
30	X	1	Carry-over contamination	
File ID: 10M49440				
QC only.				
31	X	1	Carry-over contamination	
File ID: 10M49441				
QC only.				
32	X	1	Carry-over contamination	
File ID: 10M49442				
QC only.				
33				
File ID: 10M49443				

Approved: October 05, 2006

00091957

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 092906

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15930

Internal Standard: STD15436 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223695,WG223778

Comments

Seq.	Rerun	Dil.	Reason	Analytes
			Carryover-do not report.	
34				
File ID: 10M49444				
			Carryover-do not report.	
35				
File ID: 10M49445				
			Carryover-do not report.	
36				
File ID: 10M49446				
			Carryover-do not report.	
37				
File ID: 10M49447				
			Carryover-do not report.	
38				
File ID: 10M49448				
			Carryover-do not report.	
39				
File ID: 10M49449				
			Carryover-do not report.	
40				
File ID: 10M49450				
			Carryover-do not report.	

Approved: October 05, 2006

00091958

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 093006
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030/5035 SOP: PAT01 Rev: 10
Maintenance Log ID: 16060

Internal Standard: STD15436 Surrogate Standard: STD15602
CCV: STD15356 LCS: STD15360 MS/MSD: STD15161

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223798

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M49455	WG223797-01 50NG BFB STD 8260	NA	1	1	STD14811	09/30/06 09:19
2	10M49456	WG223797-02 50ug/L WATER STD 8260	NA	1	1	STD15356	09/30/06 09:41
3	10M49457	SYSTEM BLANK	NA	1	1		09/30/06 10:13
4	10M49458	SYSTEM BLANK	NA	1	1		09/30/06 10:45
5	10M49459	SYSTEM BLANK	NA	1	1		09/30/06 11:17
6	10M49460	SYSTEM BLANK	NA	1	1		09/30/06 11:49
7	10M49461	WG223797-01 50NG BFB STD 8260	NA	1	1	STD14811	09/30/06 12:16
8	10M49462	WG223797-02 50ug/L WATER STD 8260	NA	1	1	STD15356	09/30/06 12:39
9	10M49463	WG223798-01 VBLK0930 BLANK 8260	NA	1	1		09/30/06 13:13
10	10M49464	WG223798-01 VBLK0930 BLANK 8260	NA	1	1		09/30/06 13:45
11	10M49465	WG223798-02 20ug/L LCS 8260	NA	1	1	STD15360	09/30/06 14:16
12	10M49466	L0609646-35 A 826-SPE	<2	1	1		09/30/06 14:48
13	10M49467	L0609783-02 B D1 100X 826-LOW	7	1	100		09/30/06 15:20
14	10M49468	L0609629-09 A 826-SPE1	<2	1	1		09/30/06 15:52
15	10M49469	L0609629-14 A 826-SPE1	<2	1	1		09/30/06 16:23
16	10M49470	L0609629-15 A 826-SPE1	<2	1	1		09/30/06 16:53
17	10M49471	L0609614-17 A 8260	<2	1	1		09/30/06 17:24
18	10M49472	L0609614-01 A 8260	<2	1	1		09/30/06 17:56
19	10M49473	L0609614-03 A 10X 8260	<2	1	10		09/30/06 18:28
20	10M49474	L0609614-05 MS A 10X 8260	<2	1	10	STD15161	09/30/06 19:00
21	10M49475	L0609614-07 MSD A 10X 8260	2.2	1	10	STD15161	09/30/06 19:31
22	10M49476	L0609614-09 A 20X 8260	<2	1	20		09/30/06 20:03
23	10M49477	L0609614-11 A 10X 8260	<2	1	10		09/30/06 20:35
24	10M49478	L0609614-13 A 10X 8260	<2	1	10		09/30/06 21:07
25	10M49479	L0609614-15 A 20X 8260	<2	1	20		09/30/06 21:39
26	10M49480	L0609540-27 D1 B 50000X 826-LOW	4	1	50000		09/30/06 22:11
27	10M49481	L0609634-01 A 8260	<2	1	1		09/30/06 22:43
28	10M49482	L0609634-03 A 8260	<2	1	1		09/30/06 23:15
29	10M49483	L0609634-05 A 500X 8260	<2	1	500		09/30/06 23:47
30	10M49484	L0609634-07 A 20X 8260	<2	1	20		10/01/06 00:19
31	10M49485	SYSTEM BLANK	NA	1	1		10/01/06 00:51
32	10M49486	WG223798-06 624 BLANK	NA	2	1		10/01/06 01:23

Approved: October 10, 2006

KEMRON Environmental Services

Instrument Run Log

00091959

Instrument: HPMS10 Dataset: 093006
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030/5035 SOP: PAT01 Rev: 10
Maintenance Log ID: 16060

Internal Standard: STD15436 Surrogate Standard: STD15602
CCV: STD15356 LCS: STD15360 MS/MSD: STD15161

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223798

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
33	10M49487	L0609713-02 A 624-SPE	6	2	1		10/01/06 01:55
34	10M49488	L0609356-01 A 826-REF-BLK	NA	1	1		10/01/06 02:27
35	10M49489	L0609356-02 A 826-REF-BLK	NA	1	1		10/01/06 02:59
36	10M49490	L0609356-03 A 826-REF-BLK	NA	1	1		10/01/06 03:30
37	10M49491	L0609356-04 A 826-REF-BLK	NA	1	1		10/01/06 04:02
38	10M49492	L0609356-05 A 826-REF-BLK	NA	1	1		10/01/06 04:34
39	10M49493	SYSTEM CHECK	NA	1	1		10/01/06 05:05
40	10M49494	SYSTEM CHECK	NA	1	1		10/01/06 05:37

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2				
File ID: 10M49456				
IS too high-running blanks.				
19	X	1	Analyzed too dilute	
File ID: 10M49473				
QC only.				
20	X	1	Analyzed too dilute	
File ID: 10M49474				
QC only.				
21	X	1	Analyzed too dilute	
File ID: 10M49475				
QC only.				
24	X	100	Over Calibration Range	chlorobenzene
File ID: 10M49478				
25	X	100	Over Calibration Range	chlorobenzene
File ID: 10M49479				
27	X	10	Over Calibration Range	chlorobenzene
File ID: 10M49481				
30	X	20	Missed Tune	

Approved: October 10, 2006

KEMRON Environmental Services

Instrument Run Log

00091960

Instrument: HPMS10 Dataset: 093006

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 624 SOP: MSV10 Rev: 9

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 16060

Internal Standard: STD15436 Surrogate Standard: STD15602

CCV: STD15356 LCS: STD15360 MS/MSD: STD15161

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223798

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 10M49484				
34				
File ID: 10M49488				
Do not report refrigerator blanks-methylene chloride contamination.				

Approved: October 10, 2006

KEMRON ENVIRONMENTAL SERVICES

VOA Preservation and Extraction Log

Analyst: MEJ Date Preserved: 9/22/06 Method: 8260

Client	Sample #	Fraction ID	Date Collected	Time Collected	Time Preserved	Tare Wt. (g)	Total Wt. (g)	Sample Wt. (g)	Water Vol. (mL)	Methanol Vol. (mL)	Comments	Team Notified
BRKAFB-016	LO609396-09	NA	9/11/06	NA	NA	NA	NA	0.94	NA	10		
Shaw-Alliance	LO609381-01		9/14/06					1.07				
	-02							1.00				
	-03							1.00				
	-04							4.58				
BRKAFB-016	LO609430-01		9/13/06					4.62				
	-01 Dup							4.82				
	-03							4.72				
	-05				FSB 9/22/06			2.51		20		
Shaw-Alliance-198	LO609540-01	A	9-20-06	1600	NA 1244	NA	NA	6.08	5	-	5	
	-01	B						5.80	1	-		
	-01	C						6.22	-	10		
	-02	A		1445	1246			4.48	5	-		
	-02	B						4.02	1	-		
	-02	C						4.04	-	10		
	-03	A		1440	1249			5.12	5	-		
	-03	B						6.00	1	-		
	-03	C						7.04	-	10		
	-04	A		1335	1252			5.24	5	-		
	-04	B						5.34	1	-		
	-04	C						5.46	-	10		
	-05	A		1418	1255			5.34	5	-		
	-05	B						5.36	1	-		
	-05	C						5.48	-	10		

Comments:
1 = improperly sealed cap
2 = preserved out of hold (past 48 hours from time of collection)
3 = effervesced
4 = preserved with NaHSO4 (sodium bisulfate)
5 = preserved by freezing

Methanol (Manufacturer, Lot #) B&J CP805

NaHSO4 (Manufacturer, Lot #) NA

Reviewed by: _____

KEMRON ENVIRONMENTAL SERVICES

VOA Preservation and Extraction Log

Analyst: FJB Date Preserved: 9-22-06 Method: 8260

Client	Sample #	Fraction ID	Date Collected	Time Collected	Time Preserved	Tare Wt. (g)	Total Wt. (g)	Sample Wt. (g)	Water Vol. (mL)	Methanol Vol. (mL)	Comments	Team Notified
Shaw-Alliance-798	L0609540-07	A	9-20-06	1435	1258	NA	NA	5.14	5	—	5	
	-07	B	"	"	"	"		5.92	+	—		
	-07	C	"	"	"	"		5.49	-	10		
	-09	A	9-21-06	1010	1302			5.81	5	—		
	-09	B		"	"			4.15	+	—		
	-09	C		"	"			4.32	-	10		
	-11	A		1025	1304			5.70	5	—		
	-11	B		"	"			6.13	+	—		
	-11	C		"	"			6.09	-	10		
	-13	A		0932	1306			5.24	5	—		
	-13	B		"	"			5.68	+	—		
	-13	C		"	"			5.22	-	10		
	-14	A		"	"			1.83	5	—	Sample looks different from rest of set	
	-15	A		"	"			5.03	+	—		
	-16	A		0932	1311			5.31	+ 5	—		
	-16	B		"	"			5.26	5 +	—		
	-16	C		"	"			5.27	+ -	10		
	-18	A		0935	1314			5.63	+ 5	—		
	-18	B		"	"			5.41	5 +	—		
	-18	C		"	"			6.07	+ -	10		
	-20	A		0900	1316			5.07	+ 5	—		
	-20	B		"	"			5.33	5 +	—		
	-20	C		"	"			5.14	-	10		

9/22/06

Comments:
1 = improperly sealed cap
2 = preserved out of hold (past 48 hours from time of collection)
3 = effervesced
4 = preserved with NaHSO4 (sodium bisulfate)
5 = preserved by freezing

Methanol (Manufacturer, Lot #) B+J CP805

NaHSO4 (Manufacturer, Lot #) _____

Reviewed by: _____

NS

KEMRON ENVIRONMENTAL SERVICES

VOA Preservation and Extraction Log

Analyst: FJD Date Preserved: 9-22-06 Method: 8260

Client	Sample #	Fraction ID	Date Collected	Time Collected	Time Preserved	Tare Wt. (g)	Total Wt. (g)	Sample Wt. (g)	Water Vol. (mL)	Methanol Vol. (mL)	Comments	Team Notified
ShawAlliance-798	L0609540-22	A	9-21-06	0930	1318	NA	NA	5.35	5	—	5	NA
↓	-22	B	↓	↓	↓	↓	↓	4.84	↓	—	↓	↓
↓	-22	C	↓	↓	↓	↓	↓	4.56	—	10	↓	↓
↓	-24	A	↓	1000	1323	↓	↓	5.14	5	—	↓	↓
↓	-24	B	↓	↓	↓	↓	↓	1.50	↓	—	encore not full	↓
↓	-24	C	↓	↓	↓	↓	↓	2.79	—	10	↓	↓
↓	-26	A	↓	0850	1326	↓	↓	5.28	5	—	↓	↓
↓	-26	B	↓	↓	↓	↓	↓	5.53	↓	—	↓	↓
↓	-26	C	↓	↓	↓	↓	↓	4.75	↓	10	↓	↓
Morgente	L0609450-07	—	9/15/06	—	—	—	—	4.97	5	—	NA	↓
↓	↓ -08	—	↓	—	—	—	—	4.73	↓	—	↓	↓
—	Blank	A	—	—	—	—	—	5	5	—	↓	↓
—	↓	B	—	—	—	—	—	↓	↓	—	↓	↓
—	↓	C	—	—	—	—	—	↓	—	10	↓	↓
ShawAlliance-798	L0609535-02	A	9-21-06	0915	1341	NA	NA	5.78	5	—	5	↓
↓	-02	B	↓	↓	↓	↓	↓	5.77	↓	—	↓	↓
↓	-02	C	↓	↓	↓	↓	↓	6.03	—	10	↓	↓
↓	-04	A	↓	1315	1344	↓	↓	6.09	5	—	↓	↓
↓	-04	B	↓	↓	↓	↓	↓	6.19	↓	—	↓	↓
↓	-04	C	↓	↓	↓	↓	↓	5.43	—	10	↓	↓
URS-1851 FSD 9/22/06	L0609426-04	—	9/15/06	—	—	—	—	1.02	—	10		↓
Kemron	L0609501-01	C	9/19/06	0001	—	32.94	32.10	*	—	—	5 field prcs in MeOH ✓	*
BRKAFB-016	L0609430-02	—	9/13/06	—	—	—	—	0.96	—	10	—	NA
↓	↓ -04	—	↓	—	—	—	—	1.03	—	↓	—	↓

* vial seems to have leaked.

Comments:
1 = improperly sealed cap
2 = preserved out of hold (past 48 hours from time of collection)
3 = effervesced
4 = preserved with NaHSO4 (sodium bisulfate)
5 = preserved by freezing

Methanol (Manufacturer, Lot #) BDJ CP865

NaHSO4 (Manufacturer, Lot #) NA

Reviewed by: 9/25/06

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00091964

Analytical Method: 8260B AAB#: WG223778

Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WW16	09/21/06	09/22/06	09/29/06	14	8.51	09/29/06	14	8.51	
TB	09/21/06	09/22/06	09/29/06	14	8.46	09/29/06	14	8.46	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00091965

Analytical Method: 8260B AAB#: WG223798
Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WW16	09/21/06	09/22/06	09/30/06	14	9.49	09/30/06	14	9.49	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 592370
Report generated 10/11/2006 08:01

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00091966

Analytical Method: 8260B AAB#: WG223575

Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP066-SB01-02	09/20/06	09/22/06	09/28/06	14	7.99	09/28/06	14	7.99	
35-SMP034-SB01-02	09/20/06	09/22/06	09/28/06	14	8.07	09/28/06	14	8.07	
35-SMP034-SB02-02	09/20/06	09/22/06	09/28/06	14	8.09	09/28/06	14	8.09	
35-SMP113-SB01-02	09/20/06	09/22/06	09/28/06	14	8.14	09/28/06	14	8.14	
35-SMP113-SB02-02	09/20/06	09/22/06	09/28/06	14	8.15	09/28/06	14	8.15	
35-SMP111-SB01-02	09/20/06	09/22/06	09/28/06	14	8.16	09/28/06	14	8.16	
35-SMP073-SB01-02	09/21/06	09/22/06	09/28/06	14	7.37	09/28/06	14	7.37	
35-SMP073-SB02-02	09/21/06	09/22/06	09/28/06	14	7.38	09/28/06	14	7.38	
35-SMP074-SB01-02	09/21/06	09/22/06	09/28/06	14	7.11	09/28/06	14	7.11	
35-SMP074-SB01-02	09/21/06	09/22/06	09/28/06	14	7.13	09/28/06	14	7.13	
35-SMP074-SB01-02	09/21/06	09/22/06	09/28/06	14	7.15	09/28/06	14	7.15	
35-SMP074-SB01-02-QC	09/21/06	09/22/06	09/28/06	14	7.44	09/28/06	14	7.44	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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Version 1.5 PDF File ID: 592383
Report generated 10/11/2006 08:02

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00091967

Analytical Method: 8260B AAB#: WG223697

Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP074-SB02-02	09/21/06	09/22/06	09/29/06	14	8.17	09/29/06	14	8.17	
35-SMP075-SB01-02	09/21/06	09/22/06	09/29/06	14	8.21	09/29/06	14	8.21	
35-SMP087-SB01-02	09/21/06	09/22/06	09/29/06	14	8.21	09/29/06	14	8.21	
35-SMP087-SB02-02	09/21/06	09/22/06	09/29/06	14	8.21	09/29/06	14	8.21	
35-SMP084-SB01-02	09/21/06	09/22/06	09/29/06	14	8.29	09/29/06	14	8.29	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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Version 1.5 PDF File ID: 592383
Report generated 10/11/2006 08:02

SURROGATE STANDARDS

00091968

Login Number: L0609540
Instrument Id: HPMS10
Workgroup (AAB#): WG223778

Method: 8260
CAL ID: HPMS10-26-SEP-06
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0609540-27	1.00	01	92.9	91.8	105	98.8
L0609540-28	1.00	01	101	99.2	105	102
WG223778-01	1.00	01	99.2	98.9	104	103
WG223778-02	1.00	01	101	99.9	107	103

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 592381
Report generated 10/11/2006 08:02

SURROGATE STANDARDS

00091969

Login Number: L0609540
Instrument Id: HPMS10
Workgroup (AAB#): WG223798

Method: 8260
CAL ID: HPMS10-26-SEP-06
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0609540-27	50000	DL01	105	101	109	101
WG223798-01	1.00	01	90.4	96.0	103	103
WG223798-02	1.00	01	92.4	98.1	104	101
WG223798-06	1.00	01	111	105	112	102

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 592381
Report generated 10/11/2006 08:02

KEMRON Environmental Services

SURROGATE STANDARDS

00091970

Login Number: L0609540
Instrument Id: HPMS9
Workgroup (AAB#): WG223575

Method: 8260
CAL ID: HPMS9-13-SEP-06
Matrix: Soil

Sample Number	Dilution	Tag	1	2	3	4
L0609540-01	1.00	01	102	93.8	92.1	95.4
L0609540-02	1.00	01	105	95.9	93.5	97.5
L0609540-03	1.00	01	107	96.5	95.8	97.0
L0609540-04	1.00	01	114	97.3	91.7	95.3
L0609540-05	1.00	01	109	96.7	103	99.4
L0609540-07	1.00	01	107	96.1	95.9	97.6
L0609540-09	1.00	01	109	95.5	96.0	97.6
L0609540-11	1.00	01	114	97.2	92.0	95.3
L0609540-13	1.00	01	102	93.8	91.4	95.5
L0609540-14	1.00	01	103	95.3	91.5	94.7
L0609540-15	1.00	01	99.9	93.9	89.6	94.7
L0609540-16	1.00	01	118	98.1	92.1	93.6
WG223575-01	1.00	01	98.1	94.1	88.7	91.1
WG223575-02	1.00	01	96.8	94.2	89.2	90.8

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	80	-	120
3 - 4-Bromofluorobenzene	74	-	121
4 - Toluene-d8	81	-	117

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 592392
Report generated 10/11/2006 08:03

KEMRON Environmental Services

SURROGATE STANDARDS

00091971

Login Number: L0609540
Instrument Id: HPMS9
Workgroup (AAB#): WG223697

Method: 8260
CAL ID: HPMS9-13-SEP-06
Matrix: Soil

Sample Number	Dilution	Tag	1	2	3	4
L0609540-18	1.00	01	107	93.5	88.4	91.5
L0609540-20	1.00	01	101	93.8	91.4	95.3
L0609540-22	1.00	01	107	95.6	89.6	93.8
L0609540-24	1.00	01	104	96.4	94.2	96.8
L0609540-26	1.00	01	104	94.4	93.4	95.7
WG223697-01	1.00	01	96.9	93.7	90.1	96.1
WG223697-02	1.00	01	97.6	94.3	88.9	95.5

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	80	-	120
3 - 4-Bromofluorobenzene	74	-	121
4 - Toluene-d8	81	-	117

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 592392
Report generated 10/11/2006 08:03

METHOD BLANK SUMMARY

00091972

Login Number: L0609540
Work Group: WG223778
Blank File ID: 10M49431
Blank Sample ID: WG223778-01
Date Analyzed: 09/29/06
Instrument ID: HPMS10
Time Analyzed: 18:31
Method: 8260B
Analyst: MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223778-02	10M49432	09/29/06 19:04	01
TB	L0609540-28	10M49434	09/29/06 20:08	01
29WW16	L0609540-27	10M49439	09/29/06 22:48	01

METHOD BLANK SUMMARY

00091973

Login Number: L0609540
Work Group: WG223798
Blank File ID: 10M49464
Blank Sample ID: WG223798-01
Date Analyzed: 09/30/06
Instrument ID: HPMS10
Time Analyzed: 13:45
Method: 8260B
Analyst: MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223798-02	10M49465	09/30/06 14:16	01
29WW16	L0609540-27	10M49480	09/30/06 22:11	DL01
BLANK2	WG223798-06	10M49486	10/01/06 01:23	01

METHOD BLANK SUMMARY

00091974

Login Number: L0609540
Work Group: WG223575
Blank File ID: 9M48988
Blank Sample ID: WG223575-01
Date Analyzed: 09/28/06
Instrument ID: HPMS9
Time Analyzed: 09:26
Method: 8260B
Analyst: MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223575-02	9M48989	09/28/06 09:58	01
35-SMP074-SB01-02	L0609540-13	9M48993	09/28/06 12:05	01
35-SMP074-SB01-02	L0609540-14	9M48994	09/28/06 12:37	01
35-SMP074-SB01-02	L0609540-15	9M48995	09/28/06 13:09	01
35-SMP066-SB01-02	L0609540-01	9M49000	09/28/06 15:47	01
35-SMP034-SB01-02	L0609540-02	9M49001	09/28/06 16:19	01
35-SMP034-SB02-02	L0609540-03	9M49002	09/28/06 16:51	01
35-SMP113-SB01-02	L0609540-04	9M49003	09/28/06 17:23	01
35-SMP113-SB02-02	L0609540-05	9M49004	09/28/06 17:55	01
35-SMP111-SB01-02	L0609540-07	9M49005	09/28/06 18:27	01
35-SMP073-SB01-02	L0609540-09	9M49006	09/28/06 18:59	01
35-SMP073-SB02-02	L0609540-11	9M49007	09/28/06 19:31	01
35-SMP074-SB01-02-QC	L0609540-16	9M49008	09/28/06 20:03	01

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METHOD BLANK SUMMARY

00091975

Login Number: L0609540
Work Group: WG223697
Blank File ID: 9M49021
Blank Sample ID: WG223697-01
Date Analyzed: 09/29/06
Instrument ID: HPMS9
Time Analyzed: 09:22
Method: 8260B
Analyst: MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223697-02	9M49022	09/29/06 09:53	01
35-SMP074-SB02-02	L0609540-18	9M49029	09/29/06 13:34	01
35-SMP075-SB01-02	L0609540-20	9M49030	09/29/06 14:05	01
35-SMP087-SB01-02	L0609540-22	9M49031	09/29/06 14:37	01
35-SMP087-SB02-02	L0609540-24	9M49032	09/29/06 15:09	01
35-SMP084-SB01-02	L0609540-26	9M49033	09/29/06 15:41	01

KEMRON FORMS - Modified 03/06/2006
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KEMRON Environmental Services

METHOD BLANK REPORT

00091976

Login Number:L0609540 Run Date:09/29/2006 Sample ID:WG223778-01
Instrument ID:HPMS10 Run Time:18:31 Prep Method:5030B
File ID:10M49431 Analyst:MES Method:8260B
Workgroup (AAB#):WG223778 Matrix:Water Units:ug/L
Contract #:DACA56-94-D-0020 Cal ID:HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.872	1	J

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KEMRON Environmental Services

METHOD BLANK REPORT

00091977

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223778-01
Instrument ID: HPMS10 Run Time: 18:31 Prep Method: 5030B
File ID: 10M49431 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223778 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Naphthalene	0.200	1.00	0.480	1	J
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.743	1	J
1,2,4-Trichlorobenzene	0.200	1.00	0.351	1	J
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	98.9	86 - 118	PASS
1,2-Dichloroethane-d4	99.2	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	104	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

METHOD BLANK REPORT

00091978

Login Number:L0609540 Run Date:09/30/2006 Sample ID:WG223798-01
Instrument ID:HPMS10 Run Time:13:45 Prep Method:5030B
File ID:10M49464 Analyst:MES Method:8260B
Workgroup (AAB#):WG223798 Matrix:Water Units:ug/L
Contract #:DACA56-94-D-0020 Cal ID:HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.250	1	U

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METHOD BLANK REPORT

00091979

Login Number: L0609540 Run Date: 09/30/2006 Sample ID: WG223798-01
Instrument ID: HPMS10 Run Time: 13:45 Prep Method: 5030B
File ID: 10M49464 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223798 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	2.80	1	J
Naphthalene	0.200	1.00	0.200	1	U
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.125	1	U
1,2,4-Trichlorobenzene	0.200	1.00	0.200	1	U
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	96.0	86 - 118	PASS
1,2-Dichloroethane-d4	90.4	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	103	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

METHOD BLANK REPORT

00091980

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223575-01
Instrument ID: HPMS9 Run Time: 09:26 Prep Method: 5030B
File ID: 9M48988 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223575 Matrix: Soil Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS9-13-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	5.00	10.0	5.00	1	U
Benzene	0.500	5.00	0.500	1	U
Bromobenzene	0.500	5.00	0.500	1	U
Bromochloromethane	0.500	5.00	0.500	1	U
Bromodichloromethane	0.500	5.00	0.500	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	1.00	10.0	1.00	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.500	5.00	0.500	1	U
sec-Butylbenzene	0.500	5.00	0.500	1	U
tert-Butylbenzene	0.500	5.00	0.500	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.500	5.00	0.500	1	U
Chlorobenzene	0.500	5.00	0.500	1	U
Chlorodibromomethane	0.500	5.00	0.500	1	U
Chloroethane	1.00	10.0	1.00	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.500	5.00	0.500	1	U
Chloromethane	2.00	10.0	2.00	1	U
2-Chlorotoluene	0.500	5.00	0.500	1	U
4-Chlorotoluene	0.500	5.00	0.500	1	U
1,2-Dibromo-3-chloropropane	2.00	5.00	2.00	1	U
1,2-Dibromoethane	0.500	5.00	0.500	1	U
Dibromomethane	0.500	5.00	0.500	1	U
1,2-Dichlorobenzene	0.500	5.00	0.500	1	U
1,3-Dichlorobenzene	0.500	5.00	0.500	1	U
1,4-Dichlorobenzene	0.500	5.00	0.500	1	U
Dichlorodifluoromethane	1.00	10.0	1.00	1	U
1,1-Dichloroethane	1.00	5.00	1.00	1	U
1,2-Dichloroethane	0.500	5.00	0.500	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
cis-1,2-Dichloroethene	0.500	5.00	0.500	1	U
trans-1,2-Dichloroethene	0.500	5.00	0.500	1	U
1,2-Dichloropropane	0.500	5.00	0.500	1	U
1,3-Dichloropropane	0.500	5.00	0.500	1	U
2,2-Dichloropropane	0.500	5.00	0.500	1	U
cis-1,3-Dichloropropene	0.500	5.00	0.500	1	U
trans-1,3-Dichloropropene	0.500	5.00	0.500	1	U
1,1-Dichloropropene	0.500	5.00	0.500	1	U
Ethylbenzene	0.500	5.00	0.500	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.500	5.00	0.500	1	U

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KEMRON Environmental Services

METHOD BLANK REPORT

00091981

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223575-01
Instrument ID: HPMS9 Run Time: 09:26 Prep Method: 5030B
File ID: 9M48988 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223575 Matrix: Soil Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS9-13-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.500	5.00	0.500	1	U
p-Isopropyltoluene	0.500	5.00	0.500	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	1.00	5.00	1.00	1	U
Naphthalene	0.500	10.0	0.500	1	U
n-Propylbenzene	0.500	5.00	0.500	1	U
Styrene	0.500	5.00	0.500	1	U
1,1,1,2-Tetrachloroethane	0.500	5.00	0.500	1	U
1,1,2,2-Tetrachloroethane	0.500	5.00	0.500	1	U
Tetrachloroethene	0.500	5.00	0.500	1	U
Toluene	0.500	5.00	0.500	1	U
1,2,3-Trichlorobenzene	0.500	5.00	0.500	1	U
1,2,4-Trichlorobenzene	0.500	5.00	0.500	1	U
1,1,1-Trichloroethane	0.500	5.00	0.500	1	U
1,1,2-Trichloroethane	0.500	5.00	0.500	1	U
Trichloroethene	0.500	5.00	0.500	1	U
Trichlorofluoromethane	1.00	10.0	1.00	1	U
1,2,3-Trichloropropane	1.00	5.00	1.00	1	U
1,2,4-Trimethylbenzene	0.500	5.00	0.500	1	U
1,3,5-Trimethylbenzene	0.500	5.00	0.500	1	U
Vinyl acetate	1.00	10.0	1.00	1	U
Vinyl chloride	1.00	10.0	1.00	1	U
o-Xylene	0.500	5.00	0.500	1	U
m-,p-Xylene	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	94.1	80 - 120	PASS
1,2-Dichloroethane-d4	98.1	80 - 120	PASS
Toluene-d8	91.1	81 - 117	PASS
4-Bromofluorobenzene	88.7	74 - 121	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

METHOD BLANK REPORT

00091982

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223697-01
Instrument ID: HPMS9 Run Time: 09:22 Prep Method: 5030B
File ID: 9M49021 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223697 Matrix: Soil Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS9-13-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	5.00	10.0	5.00	1	U
Benzene	0.500	5.00	0.500	1	U
Bromobenzene	0.500	5.00	0.500	1	U
Bromochloromethane	0.500	5.00	0.500	1	U
Bromodichloromethane	0.500	5.00	0.500	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	1.00	10.0	1.00	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.500	5.00	0.500	1	U
sec-Butylbenzene	0.500	5.00	0.500	1	U
tert-Butylbenzene	0.500	5.00	0.500	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.500	5.00	0.500	1	U
Chlorobenzene	0.500	5.00	0.500	1	U
Chlorodibromomethane	0.500	5.00	0.500	1	U
Chloroethane	1.00	10.0	1.00	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.500	5.00	0.500	1	U
Chloromethane	2.00	10.0	2.00	1	U
2-Chlorotoluene	0.500	5.00	0.500	1	U
4-Chlorotoluene	0.500	5.00	0.500	1	U
1,2-Dibromo-3-chloropropane	2.00	5.00	2.00	1	U
1,2-Dibromoethane	0.500	5.00	0.500	1	U
Dibromomethane	0.500	5.00	0.500	1	U
1,2-Dichlorobenzene	0.500	5.00	0.500	1	U
1,3-Dichlorobenzene	0.500	5.00	0.500	1	U
1,4-Dichlorobenzene	0.500	5.00	0.500	1	U
Dichlorodifluoromethane	1.00	10.0	1.00	1	U
1,1-Dichloroethane	1.00	5.00	1.00	1	U
1,2-Dichloroethane	0.500	5.00	0.500	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
cis-1,2-Dichloroethene	0.500	5.00	0.500	1	U
trans-1,2-Dichloroethene	0.500	5.00	0.500	1	U
1,2-Dichloropropane	0.500	5.00	0.500	1	U
1,3-Dichloropropane	0.500	5.00	0.500	1	U
2,2-Dichloropropane	0.500	5.00	0.500	1	U
cis-1,3-Dichloropropene	0.500	5.00	0.500	1	U
trans-1,3-Dichloropropene	0.500	5.00	0.500	1	U
1,1-Dichloropropene	0.500	5.00	0.500	1	U
Ethylbenzene	0.500	5.00	0.500	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.500	5.00	0.500	1	U

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KEMRON Environmental Services

METHOD BLANK REPORT

00091983

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223697-01
Instrument ID: HPMS9 Run Time: 09:22 Prep Method: 5030B
File ID: 9M49021 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223697 Matrix: Soil Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS9-13-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.500	5.00	0.500	1	U
p-Isopropyltoluene	0.500	5.00	0.500	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	1.00	5.00	1.00	1	U
Naphthalene	0.500	10.0	0.500	1	U
n-Propylbenzene	0.500	5.00	0.500	1	U
Styrene	0.500	5.00	0.500	1	U
1,1,1,2-Tetrachloroethane	0.500	5.00	0.500	1	U
1,1,2,2-Tetrachloroethane	0.500	5.00	0.500	1	U
Tetrachloroethene	0.500	5.00	0.500	1	U
Toluene	0.500	5.00	0.500	1	U
1,2,3-Trichlorobenzene	0.500	5.00	0.500	1	U
1,2,4-Trichlorobenzene	0.500	5.00	0.500	1	U
1,1,1-Trichloroethane	0.500	5.00	0.500	1	U
1,1,2-Trichloroethane	0.500	5.00	0.500	1	U
Trichloroethene	0.500	5.00	0.500	1	U
Trichlorofluoromethane	1.00	10.0	1.00	1	U
1,2,3-Trichloropropane	1.00	5.00	1.00	1	U
1,2,4-Trimethylbenzene	0.500	5.00	0.500	1	U
1,3,5-Trimethylbenzene	0.500	5.00	0.500	1	U
Vinyl acetate	1.00	10.0	1.00	1	U
Vinyl chloride	1.00	10.0	1.00	1	U
o-Xylene	0.500	5.00	0.500	1	U
m-,p-Xylene	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	93.7	80 - 120	PASS
1,2-Dichloroethane-d4	96.9	80 - 120	PASS
Toluene-d8	96.1	81 - 117	PASS
4-Bromofluorobenzene	90.1	74 - 121	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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LABORATORY CONTROL SAMPLE (LCS)

00091984

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223778-02
Instrument ID: HPMS10 Run Time: 19:04 Prep Method: 5030B
File ID: 10M49432 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223778 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	26.5	132	40 - 142	
Benzene	20.0	20.3	101	80 - 121	
Bromobenzene	20.0	22.0	110	80 - 120	
Bromochloromethane	20.0	22.3	111	65 - 130	
Bromodichloromethane	20.0	22.2	111	80 - 131	
Bromoform	20.0	23.1	115	70 - 130	
Bromomethane	20.0	19.2	95.8	30 - 145	
2-Butanone	20.0	23.6	118	30 - 150	
n-Butylbenzene	20.0	21.2	106	80 - 131	
sec-Butylbenzene	20.0	21.7	108	80 - 127	
tert-Butylbenzene	20.0	20.4	102	80 - 126	
Carbon disulfide	20.0	17.8	89.2	58 - 138	
Carbon tetrachloride	20.0	22.5	112	65 - 140	
Chlorobenzene	20.0	21.0	105	80 - 120	
Chlorodibromomethane	20.0	20.5	103	60 - 135	
Chloroethane	20.0	19.9	99.3	60 - 135	
2-Chloroethyl vinyl ether	20.0	21.4	107	58 - 151	
Chloroform	20.0	21.2	106	80 - 125	
Chloromethane	20.0	21.8	109	40 - 125	
2-Chlorotoluene	20.0	22.0	110	80 - 127	
4-Chlorotoluene	20.0	21.1	105	80 - 126	
1,2-Dibromo-3-chloropropane	20.0	20.5	103	50 - 130	
1,2-Dibromoethane	20.0	23.6	118	80 - 125	
Dibromomethane	20.0	22.9	115	75 - 125	
1,2-Dichlorobenzene	20.0	21.2	106	80 - 125	
1,3-Dichlorobenzene	20.0	21.1	105	80 - 120	
1,4-Dichlorobenzene	20.0	20.4	102	80 - 120	
Dichlorodifluoromethane	20.0	18.9	94.6	50 - 133	
1,1-Dichloroethane	20.0	21.2	106	80 - 125	
1,2-Dichloroethane	20.0	22.7	114	80 - 129	
1,1-Dichloroethene	20.0	21.3	107	80 - 132	
cis-1,2-Dichloroethene	20.0	21.1	106	70 - 125	
trans-1,2-Dichloroethene	20.0	21.0	105	80 - 127	
1,2-Dichloropropane	20.0	21.7	108	80 - 120	
1,3-Dichloropropane	20.0	23.1	115	80 - 120	
2,2-Dichloropropane	20.0	21.0	105	80 - 133	
cis-1,3-Dichloropropene	20.0	22.4	112	70 - 130	
trans-1,3-Dichloropropene	20.0	21.5	108	80 - 130	
1,1-Dichloropropene	20.0	21.5	107	75 - 130	
Ethylbenzene	20.0	21.9	109	80 - 122	
2-Hexanone	20.0	24.0	120	55 - 130	

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LABORATORY CONTROL SAMPLE (LCS)

00091985

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223778-02
Instrument ID: HPMS10 Run Time: 19:04 Prep Method: 5030B
File ID: 10M49432 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223778 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	21.0	105	72 - 132	
Isopropylbenzene	20.0	20.2	101	80 - 122	
p-Isopropyltoluene	20.0	20.5	102	80 - 122	
4-Methyl-2-pentanone	20.0	23.4	117	64 - 140	
Methylene chloride	20.0	18.7	93.7	80 - 123	
Naphthalene	20.0	21.5	108	59 - 149	
n-Propylbenzene	20.0	22.0	110	80 - 129	
Styrene	20.0	20.2	101	80 - 123	
1,1,1,2-Tetrachloroethane	20.0	22.9	115	80 - 130	
1,1,2,2-Tetrachloroethane	20.0	23.6	118	79 - 125	
Tetrachloroethene	20.0	21.6	108	80 - 124	
Toluene	20.0	21.4	107	80 - 124	
1,2,3-Trichlorobenzene	20.0	21.0	105	55 - 140	
1,2,4-Trichlorobenzene	20.0	21.1	106	65 - 135	
1,1,1-Trichloroethane	20.0	22.3	112	80 - 134	
1,1,2-Trichloroethane	20.0	23.5	118	80 - 125	
Trichloroethene	20.0	21.5	107	80 - 122	
Trichlorofluoromethane	20.0	18.7	93.5	62 - 151	
1,2,3-Trichloropropane	20.0	22.8	114	75 - 125	
1,2,4-Trimethylbenzene	20.0	21.8	109	80 - 125	
1,3,5-Trimethylbenzene	20.0	22.4	112	80 - 127	
Vinyl acetate	20.0	5.23	26.2	10 - 150	
Vinyl chloride	20.0	20.4	102	65 - 140	
o-Xylene	20.0	21.9	109	80 - 122	
m-,p-Xylene	40.0	43.2	108	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	99.9	86 - 118	PASS
1,2-Dichloroethane-d4	101	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	107	86 - 115	PASS

* FAILS %REC LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00091986

Login Number: L0609540 Run Date: 09/30/2006 Sample ID: WG223798-02
Instrument ID: HPMS10 Run Time: 14:16 Prep Method: 5030B
File ID: 10M49465 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223798 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	23.7	119	40 - 142	
Benzene	20.0	20.0	100	80 - 121	
Bromobenzene	20.0	22.0	110	80 - 120	
Bromochloromethane	20.0	22.8	114	65 - 130	
Bromodichloromethane	20.0	21.7	108	80 - 131	
Bromoform	20.0	22.8	114	70 - 130	
Bromomethane	20.0	14.1	70.3	30 - 145	
2-Butanone	20.0	23.4	117	30 - 150	
n-Butylbenzene	20.0	20.8	104	80 - 131	
sec-Butylbenzene	20.0	21.9	109	80 - 127	
tert-Butylbenzene	20.0	21.1	105	80 - 126	
Carbon disulfide	20.0	16.7	83.7	58 - 138	
Carbon tetrachloride	20.0	21.2	106	65 - 140	
Chlorobenzene	20.0	20.9	105	80 - 120	
Chlorodibromomethane	20.0	20.7	103	60 - 135	
Chloroethane	20.0	19.6	97.9	60 - 135	
2-Chloroethyl vinyl ether	20.0	19.0	95.0	58 - 151	
Chloroform	20.0	20.4	102	80 - 125	
Chloromethane	20.0	23.7	118	40 - 125	
2-Chlorotoluene	20.0	21.6	108	80 - 127	
4-Chlorotoluene	20.0	20.0	100	80 - 126	
1,2-Dibromo-3-chloropropane	20.0	22.8	114	50 - 130	
1,2-Dibromoethane	20.0	23.9	119	80 - 125	
Dibromomethane	20.0	22.0	110	75 - 125	
1,2-Dichlorobenzene	20.0	21.2	106	80 - 125	
1,3-Dichlorobenzene	20.0	21.0	105	80 - 120	
1,4-Dichlorobenzene	20.0	20.5	102	80 - 120	
Dichlorodifluoromethane	20.0	17.4	86.9	50 - 133	
1,1-Dichloroethane	20.0	20.5	103	80 - 125	
1,2-Dichloroethane	20.0	20.7	103	80 - 129	
1,1-Dichloroethene	20.0	21.2	106	80 - 132	
cis-1,2-Dichloroethene	20.0	21.3	106	70 - 125	
trans-1,2-Dichloroethene	20.0	20.9	104	80 - 127	
1,2-Dichloropropane	20.0	21.8	109	80 - 120	
1,3-Dichloropropane	20.0	22.8	114	80 - 120	
2,2-Dichloropropane	20.0	19.7	98.4	80 - 133	
cis-1,3-Dichloropropene	20.0	22.2	111	70 - 130	
trans-1,3-Dichloropropene	20.0	21.0	105	80 - 130	
1,1-Dichloropropene	20.0	20.9	105	75 - 130	
Ethylbenzene	20.0	21.8	109	80 - 122	
2-Hexanone	20.0	23.8	119	55 - 130	

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LABORATORY CONTROL SAMPLE (LCS)

00091987

Login Number: L0609540 Run Date: 09/30/2006 Sample ID: WG223798-02
Instrument ID: HPMS10 Run Time: 14:16 Prep Method: 5030B
File ID: 10M49465 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223798 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	21.3	107	72 - 132	
Isopropylbenzene	20.0	20.3	102	80 - 122	
p-Isopropyltoluene	20.0	20.7	103	80 - 122	
4-Methyl-2-pentanone	20.0	22.9	114	64 - 140	
Methylene chloride	20.0	21.0	105	80 - 123	
Naphthalene	20.0	23.9	120	59 - 149	
n-Propylbenzene	20.0	21.6	108	80 - 129	
Styrene	20.0	20.5	102	80 - 123	
1,1,1,2-Tetrachloroethane	20.0	22.3	111	80 - 130	
1,1,2,2-Tetrachloroethane	20.0	23.7	118	79 - 125	
Tetrachloroethene	20.0	21.5	108	80 - 124	
Toluene	20.0	21.1	105	80 - 124	
1,2,3-Trichlorobenzene	20.0	22.7	113	55 - 140	
1,2,4-Trichlorobenzene	20.0	22.2	111	65 - 135	
1,1,1-Trichloroethane	20.0	21.1	105	80 - 134	
1,1,2-Trichloroethane	20.0	23.2	116	80 - 125	
Trichloroethene	20.0	22.1	111	80 - 122	
Trichlorofluoromethane	20.0	17.1	85.3	62 - 151	
1,2,3-Trichloropropane	20.0	23.0	115	75 - 125	
1,2,4-Trimethylbenzene	20.0	21.6	108	80 - 125	
1,3,5-Trimethylbenzene	20.0	22.3	112	80 - 127	
Vinyl acetate	20.0	5.29	26.4	10 - 150	
Vinyl chloride	20.0	18.4	92.2	65 - 140	
o-Xylene	20.0	22.3	112	80 - 122	
m-,p-Xylene	40.0	43.1	108	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	98.1	86 - 118	PASS
1,2-Dichloroethane-d4	92.4	80 - 120	PASS
Toluene-d8	101	88 - 110	PASS
4-Bromofluorobenzene	104	86 - 115	PASS

* FAILS %REC LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00091988

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223575-02
Instrument ID: HPMS9 Run Time: 09:58 Prep Method: 5030B
File ID: 9M48989 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223575 Matrix: Solid Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS9-13-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	27.2	136	20 - 160	
Benzene	20.0	23.9	119	70 - 139	
Bromobenzene	20.0	21.0	105	72 - 131	
Bromochloromethane	20.0	23.2	116	70 - 130	
Bromodichloromethane	20.0	24.8	124	72 - 137	
Bromoform	20.0	21.2	106	49 - 136	
Bromomethane	20.0	23.1	116	37 - 143	
2-Butanone	20.0	27.4	137	37 - 172	
n-Butylbenzene	20.0	22.6	113	70 - 136	
sec-Butylbenzene	20.0	22.1	110	71 - 132	
tert-Butylbenzene	20.0	21.0	105	72 - 130	
Carbon disulfide	20.0	20.8	104	39 - 139	
Carbon tetrachloride	20.0	23.9	119	59 - 136	
Chlorobenzene	20.0	21.1	105	70 - 130	
Chlorodibromomethane	20.0	22.2	111	59 - 136	
Chloroethane	20.0	23.7	118	52 - 135	
2-Chloroethyl vinyl ether	20.0	18.3	91.4	35 - 154	
Chloroform	20.0	23.6	118	74 - 129	
Chloromethane	20.0	29.1	146	30 - 131	*
2-Chlorotoluene	20.0	22.5	112	63 - 147	
4-Chlorotoluene	20.0	21.2	106	70 - 138	
1,2-Dibromo-3-chloropropane	20.0	21.4	107	40 - 135	
1,2-Dibromoethane	20.0	22.2	111	69 - 130	
Dibromomethane	20.0	23.0	115	59 - 137	
1,2-Dichlorobenzene	20.0	20.7	103	70 - 130	
1,3-Dichlorobenzene	20.0	20.7	103	70 - 130	
1,4-Dichlorobenzene	20.0	19.9	99.6	70 - 130	
Dichlorodifluoromethane	20.0	22.5	113	25 - 130	
1,1-Dichloroethane	20.0	24.3	121	75 - 125	
1,2-Dichloroethane	20.0	23.9	119	63 - 133	
1,1-Dichloroethene	20.0	24.1	121	65 - 135	
cis-1,2-Dichloroethene	20.0	23.8	119	65 - 135	
trans-1,2-Dichloroethene	20.0	23.8	119	65 - 139	
1,2-Dichloropropane	20.0	25.2	126	70 - 130	
1,3-Dichloropropane	20.0	22.8	114	65 - 128	
2,2-Dichloropropane	20.0	23.2	116	66 - 135	
cis-1,3-Dichloropropene	20.0	23.7	119	70 - 142	
trans-1,3-Dichloropropene	20.0	20.8	104	56 - 135	
1,1-Dichloropropene	20.0	24.4	122	57 - 138	
Ethylbenzene	20.0	22.1	111	70 - 130	
2-Hexanone	20.0	23.7	118	45 - 145	

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LABORATORY CONTROL SAMPLE (LCS)

00091989

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223575-02
Instrument ID: HPMS9 Run Time: 09:58 Prep Method: 5030B
File ID: 9M48989 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223575 Matrix: Solid Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS9-13-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	23.4	117	65 - 135	
Isopropylbenzene	20.0	20.4	102	68 - 129	
p-Isopropyltoluene	20.0	21.4	107	72 - 128	
4-Methyl-2-pentanone	20.0	23.9	119	47 - 146	
Methylene chloride	20.0	21.2	106	74 - 128	
Naphthalene	20.0	21.6	108	50 - 146	
n-Propylbenzene	20.0	21.8	109	72 - 136	
Styrene	20.0	22.4	112	74 - 130	
1,1,1,2-Tetrachloroethane	20.0	22.5	113	71 - 137	
1,1,2,2-Tetrachloroethane	20.0	21.8	109	55 - 130	
Tetrachloroethene	20.0	22.0	110	72 - 130	
Toluene	20.0	22.3	111	77 - 126	
1,2,3-Trichlorobenzene	20.0	21.6	108	60 - 135	
1,2,4-Trichlorobenzene	20.0	21.0	105	65 - 130	
1,1,1-Trichloroethane	20.0	24.8	124	70 - 135	
1,1,2-Trichloroethane	20.0	22.5	113	60 - 125	
Trichloroethene	20.0	23.3	117	72 - 126	
Trichlorofluoromethane	20.0	20.8	104	48 - 154	
1,2,3-Trichloropropane	20.0	21.8	109	65 - 130	
1,2,4-Trimethylbenzene	20.0	21.3	107	75 - 132	
1,3,5-Trimethylbenzene	20.0	22.0	110	74 - 133	
Vinyl acetate	20.0	9.25	46.2	10 - 150	
Vinyl chloride	20.0	26.5	132	25 - 130	*
o-Xylene	20.0	22.8	114	70 - 130	
m-,p-Xylene	40.0	42.8	107	70 - 130	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	94.2	80 - 120	PASS
1,2-Dichloroethane-d4	96.8	80 - 120	PASS
Toluene-d8	90.8	81 - 117	PASS
4-Bromofluorobenzene	89.2	74 - 121	PASS

* FAILS %REC LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00091990

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223697-02
Instrument ID: HPMS9 Run Time: 09:53 Prep Method: 5030B
File ID: 9M49022 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223697 Matrix: Solid Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS9-13-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	27.5	137	20 - 160	
Benzene	20.0	22.7	114	70 - 139	
Bromobenzene	20.0	21.6	108	72 - 131	
Bromochloromethane	20.0	21.6	108	70 - 130	
Bromodichloromethane	20.0	24.0	120	72 - 137	
Bromoform	20.0	21.8	109	49 - 136	
Bromomethane	20.0	22.5	112	37 - 143	
2-Butanone	20.0	26.9	135	37 - 172	
n-Butylbenzene	20.0	23.3	116	70 - 136	
sec-Butylbenzene	20.0	22.4	112	71 - 132	
tert-Butylbenzene	20.0	21.2	106	72 - 130	
Carbon disulfide	20.0	19.1	95.7	39 - 139	
Carbon tetrachloride	20.0	22.6	113	59 - 136	
Chlorobenzene	20.0	21.7	108	70 - 130	
Chlorodibromomethane	20.0	22.5	112	59 - 136	
Chloroethane	20.0	22.0	110	52 - 135	
2-Chloroethyl vinyl ether	20.0	17.9	89.4	35 - 154	
Chloroform	20.0	22.8	114	74 - 129	
Chloromethane	20.0	27.9	140	30 - 131	*
2-Chlorotoluene	20.0	22.3	112	63 - 147	
4-Chlorotoluene	20.0	22.3	111	70 - 138	
1,2-Dibromo-3-chloropropane	20.0	22.0	110	40 - 135	
1,2-Dibromoethane	20.0	22.5	112	69 - 130	
Dibromomethane	20.0	22.0	110	59 - 137	
1,2-Dichlorobenzene	20.0	20.9	104	70 - 130	
1,3-Dichlorobenzene	20.0	21.1	105	70 - 130	
1,4-Dichlorobenzene	20.0	20.3	102	70 - 130	
Dichlorodifluoromethane	20.0	21.4	107	25 - 130	
1,1-Dichloroethane	20.0	23.1	115	75 - 125	
1,2-Dichloroethane	20.0	23.1	115	63 - 133	
1,1-Dichloroethene	20.0	22.7	114	65 - 135	
cis-1,2-Dichloroethene	20.0	22.3	111	65 - 135	
trans-1,2-Dichloroethene	20.0	22.7	113	65 - 139	
1,2-Dichloropropane	20.0	24.0	120	70 - 130	
1,3-Dichloropropane	20.0	23.5	117	65 - 128	
2,2-Dichloropropane	20.0	22.0	110	66 - 135	
cis-1,3-Dichloropropene	20.0	22.7	113	70 - 142	
trans-1,3-Dichloropropene	20.0	21.0	105	56 - 135	
1,1-Dichloropropene	20.0	23.3	116	57 - 138	
Ethylbenzene	20.0	22.5	112	70 - 130	
2-Hexanone	20.0	25.6	128	45 - 145	

KEMRON FORMS - Modified 07/06/2006
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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00091991

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223697-02
Instrument ID: HPMS9 Run Time: 09:53 Prep Method: 5030B
File ID: 9M49022 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223697 Matrix: Solid Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS9-13-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	23.7	118	65 - 135	
Isopropylbenzene	20.0	20.7	104	68 - 129	
p-Isopropyltoluene	20.0	21.8	109	72 - 128	
4-Methyl-2-pentanone	20.0	22.3	111	47 - 146	
Methylene chloride	20.0	20.1	101	74 - 128	
Naphthalene	20.0	22.7	113	50 - 146	
n-Propylbenzene	20.0	22.4	112	72 - 136	
Styrene	20.0	23.0	115	74 - 130	
1,1,1,2-Tetrachloroethane	20.0	23.2	116	71 - 137	
1,1,2,2-Tetrachloroethane	20.0	22.4	112	55 - 130	
Tetrachloroethene	20.0	22.5	113	72 - 130	
Toluene	20.0	22.6	113	77 - 126	
1,2,3-Trichlorobenzene	20.0	22.3	111	60 - 135	
1,2,4-Trichlorobenzene	20.0	21.8	109	65 - 130	
1,1,1-Trichloroethane	20.0	23.5	118	70 - 135	
1,1,2-Trichloroethane	20.0	23.5	117	60 - 125	
Trichloroethene	20.0	22.2	111	72 - 126	
Trichlorofluoromethane	20.0	19.9	99.4	48 - 154	
1,2,3-Trichloropropane	20.0	22.9	115	65 - 130	
1,2,4-Trimethylbenzene	20.0	21.6	108	75 - 132	
1,3,5-Trimethylbenzene	20.0	22.5	112	74 - 133	
Vinyl acetate	20.0	8.17	40.9	10 - 150	
Vinyl chloride	20.0	25.0	125	25 - 130	
o-Xylene	20.0	23.2	116	70 - 130	
m-,p-Xylene	40.0	43.4	109	70 - 130	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	94.3	80 - 120	PASS
1,2-Dichloroethane-d4	97.6	80 - 120	PASS
Toluene-d8	95.5	81 - 117	PASS
4-Bromofluorobenzene	88.9	74 - 121	PASS

* FAILS %REC LIMIT

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KEMRON Environmental Services

MS/MSD REPORT

00091992

Loginnum:L0609540 Cal ID: HPMS9-13-SEP-06 Worknum:WG223575
Instrument ID:HPMS9 Contract #:DACA56-94-D-0020 Prep Method:5030B
Parent ID:L0609540-13 File ID:9M48993 Dil:1 Method:8260B
Sample ID:L0609540-14 MS File ID:9M48994 Dil:1 Matrix:Soil
Sample ID:L0609540-15 MSD File ID:9M48995 Dil:1 Units:ug/kg
Percent Solid:87.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Acetone	ND	62.2	36.1	58.1	22.6	19.3	85.4	60.6	20 - 160	30	#
Benzene	ND	62.2	27.7	44.5	22.6	10.8	47.8	87.6	70 - 139	30	*#
Bromobenzene	ND	62.2	17.4	27.9	22.6	8.14	35.9	72.4	72 - 131	30	*#
Bromochloromethane	ND	62.2	31.3	50.3	22.6	13.5	59.8	79.3	70 - 130	30	*#
Bromodichloromethane	ND	62.2	31.6	50.8	22.6	13.9	61.5	77.7	72 - 137	30	*#
Bromoform	ND	62.2	25.5	41.1	22.6	12.1	53.5	71.4	49 - 136	30	*#
Bromomethane	ND	62.2	43.4	69.8	22.6	17.4	77.1	85.4	37 - 143	30	#
2-Butanone	ND	62.2	33.2	53.3	22.6	17.1	75.6	63.8	37 - 172	30	#
n-Butylbenzene	ND	62.2	6.83	11.0	22.6	3.10	13.7	75.1	70 - 136	30	*#
sec-Butylbenzene	ND	62.2	6.29	10.1	22.6	2.77	12.2	77.9	70 - 132	30	*#
tert-Butylbenzene	ND	62.2	6.12	9.84	22.6	2.80	12.4	74.5	72 - 130	30	*#
Carbon disulfide	ND	62.2	24.7	39.7	22.6	9.86	43.6	85.9	39 - 139	30	#
Carbon tetrachloride	ND	62.2	28.3	45.5	22.6	9.59	42.4	98.8	59 - 136	30	*#
Chlorobenzene	ND	62.2	16.9	27.1	22.6	7.72	34.1	74.4	70 - 130	30	*#
Chlorodibromomethane	ND	62.2	27.5	44.2	22.6	12.9	57.1	72.1	59 - 136	30	*#
Chloroethane	ND	62.2	47.7	76.7	22.6	18.2	80.6	89.4	52 - 135	30	#
2-Chloroethyl vinyl ether	ND	62.2	0	0	22.6	0	0	NA	35 - 154	30	*#
Chloroform	ND	62.2	33.4	53.7	22.6	13.5	59.8	84.6	74 - 129	30	*#
Chloromethane	ND	62.2	60.8	97.7	22.6	24.5	108	85.2	30 - 131	30	#
2-Chlorotoluene	ND	62.2	12.0	19.3	22.6	5.83	25.7	69.4	63 - 147	30	*#
4-Chlorotoluene	ND	62.2	12.7	20.5	22.6	6.07	26.8	70.8	70 - 138	30	*#
1,2-Dibromo-3-chloropropane	ND	62.2	34.1	54.9	22.6	14.7	64.9	79.7	40 - 135	30	#
1,2-Dibromoethane	ND	62.2	28.6	46.0	22.6	13.1	57.9	74.4	69 - 130	30	*#
Dibromomethane	ND	62.2	31.0	49.8	22.6	14.2	62.7	74.4	59 - 137	30	*#
1,2-Dichlorobenzene	ND	62.2	14.0	22.5	22.6	6.99	30.9	66.7	70 - 130	30	*#
1,3-Dichlorobenzene	ND	62.2	12.6	20.2	22.6	6.17	27.3	68.4	70 - 130	30	*#
1,4-Dichlorobenzene	ND	62.2	13.0	20.8	22.6	6.39	28.2	67.9	70 - 130	30	*#
Dichlorodifluoromethane	ND	62.2	54.0	86.8	22.6	20.8	91.8	88.9	25 - 130	30	#
1,1-Dichloroethane	ND	62.2	39.4	63.3	22.6	14.9	65.7	90.3	75 - 125	30	*#
1,2-Dichloroethane	ND	62.2	35.1	56.4	22.6	15.5	68.3	77.7	63 - 130	30	*#
1,1-Dichloroethene	ND	62.2	41.9	67.3	22.6	14.7	64.9	96.2	65 - 135	30	*#
cis-1,2-Dichloroethene	ND	62.2	30.5	49.0	22.6	12.1	53.4	86.5	65 - 135	30	*#
trans-1,2-Dichloroethene	ND	62.2	29.0	46.7	22.6	10.4	46.0	94.4	65 - 139	30	*#
1,2-Dichloropropane	ND	62.2	32.6	52.4	22.6	13.9	61.4	80.5	70 - 130	30	*#
1,3-Dichloropropane	ND	62.2	31.3	50.3	22.6	14.5	64.1	73.3	65 - 138	30	*#
2,2-Dichloropropane	ND	62.2	31.7	51.0	22.6	10.7	47.4	99.0	66 - 135	30	*#
cis-1,3-Dichloropropene	ND	62.2	22.1	35.6	22.6	9.93	43.9	76.1	70 - 142	30	*#
trans-1,3-Dichloropropene	ND	62.2	19.7	31.7	22.6	9.02	39.9	74.4	56 - 135	30	*#
1,1-Dichloropropene	ND	62.2	22.1	35.6	22.6	7.50	33.1	98.8	57 - 138	30	*#
Ethylbenzene	ND	62.2	12.7	20.4	22.6	5.53	24.4	78.6	70 - 130	30	*#
2-Hexanone	ND	62.2	29.8	47.9	22.6	16.0	70.8	60.0	45 - 145	30	#

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KEMRON Environmental Services

MS/MSD REPORT

00091993

Loginnum:L0609540 Cal ID: HPMS9 13-SEP-06 Worknum:WG223575

Instrument ID:HPMS9 Contract #:DACA56-94-D-0020 Prep Method:5030B

Parent ID:L0609540-13 File ID:9M48993 Dil:1 Method:8260B

Sample ID:L0609540-14 MS File ID:9M48994 Dil:1 Matrix:Soil

Sample ID:L0609540-15 MSD File ID:9M48995 Dil:1 Units:ug/kg

Percent Solid:87.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Hexachlorobutadiene	ND	62.2	5.17	8.31	22.6	2.08	9.17	85.4	65 - 135	30	*#
Isopropylbenzene	ND	62.2	8.04	12.9	22.6	3.48	15.4	79.2	68 - 129	30	*#
p-Isopropyltoluene	ND	62.2	6.60	10.6	22.6	2.89	12.8	78.2	72 - 128	30	*#
4-Methyl-2-pentanone	ND	62.2	31.8	51.1	22.6	16.2	71.5	65.1	47 - 146	30	#
Methylene chloride	1.39	62.2	38.4	59.5	22.6	15.8	63.4	83.7	74 - 128	30	*#
Naphthalene	ND	62.2	15.7	25.2	22.6	7.97	35.2	65.1	50 - 146	30	*#
n-Propylbenzene	ND	62.2	8.83	14.2	22.6	3.85	17.0	78.4	72 - 136	30	*#
Styrene	ND	62.2	14.3	22.9	22.6	6.83	30.2	70.5	74 - 130	30	*#
1,1,1,2-Tetrachloroethane	ND	62.2	22.5	36.2	22.6	10.3	45.5	74.6	71 - 137	30	*#
1,1,2,2-Tetrachloroethane	ND	62.2	30.5	49.1	22.6	14.5	64.1	71.1	55 - 130	30	*#
Tetrachloroethene	ND	62.2	11.7	18.9	22.6	4.28	18.9	93.1	72 - 130	30	*#
Toluene	ND	62.2	18.0	29.0	22.6	7.58	33.5	81.6	77 - 126	30	*#
1,2,3-Trichlorobenzene	ND	62.2	12.0	19.3	22.6	5.87	25.9	68.6	60 - 135	30	*#
1,2,4-Trichlorobenzene	ND	62.2	10.7	17.2	22.6	5.14	22.7	70.5	65 - 130	30	*#
1,1,1-Trichloroethane	ND	62.2	34.9	56.1	22.6	12.3	54.5	95.5	70 - 135	30	*#
1,1,2-Trichloroethane	ND	62.2	31.9	51.2	22.6	15.3	67.5	70.4	60 - 125	30	*#
Trichloroethene	ND	62.2	18.9	30.4	22.6	7.01	31.0	91.8	72 - 126	30	*#
Trichlorofluoromethane	ND	62.2	49.8	80.1	22.6	17.7	78.3	95.1	48 - 154	30	#
1,2,3-Trichloropropane	ND	62.2	30.3	48.7	22.6	15.1	66.8	66.8	65 - 130	30	*#
1,2,4-Trimethylbenzene	ND	62.2	10.2	16.4	22.6	4.81	21.2	72.0	75 - 132	30	*#
1,3,5-Trimethylbenzene	ND	62.2	9.52	15.3	22.6	4.44	19.6	72.7	74 - 133	30	*#
Vinyl acetate	ND	62.2	0	0	22.6	0	0	NA	10 - 150	30	*#
Vinyl chloride	ND	62.2	63.3	102	22.6	23.8	105	90.8	25 - 130	30	#
o-Xylene	ND	62.2	14.3	22.9	22.6	6.45	28.5	75.5	70 - 130	30	*#
m-,p-Xylene	ND	124	24.7	19.9	45.3	10.9	24.1	77.5	70 - 130	30	*#

* FAILS %REC LIMIT

FAILS RPD LIMIT

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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609540 Tune ID: WG223354-01
Instrument: HPMS10 Run Date: 09/26/2006
Analyst: MES Run Time: 12:20
Workgroup: WG223354 File ID: 10M49305
Cal ID: HPMS10-26-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	21.1	4090	PASS
75.0	95.0	30.0	60.0	46.6	9063	PASS
95.0	95.0	100	100	100	19428	PASS
96.0	95.0	5.00	9.00	7.38	1434	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	84.8	16476	PASS
175	174	5.00	9.00	5.21	859	PASS
176	174	95.0	101	96.5	15903	PASS
177	176	5.00	9.00	6.95	1105	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223354-11	SSCV	01	09/26/2006 18:35	
WG223354-10	STD	01	09/26/2006 17:01	
WG223354-09	STD	01	09/26/2006 16:30	
WG223354-08	STD-CCV	01	09/26/2006 15:57	
WG223354-07	STD	01	09/26/2006 15:26	
WG223354-06	STD	01	09/26/2006 14:54	
WG223354-05	STD	01	09/26/2006 14:23	
WG223354-04	STD	01	09/26/2006 13:52	
WG223354-03	STD	01	09/26/2006 13:19	
WG223354-02	STD	01	09/26/2006 12:47	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 592377
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609540
Instrument: HPMS9
Analyst: MES
Workgroup: WG222144

Tune ID: WG222144-01
Run Date: 09/13/2006
Run Time: 08:35
File ID: 9M48520
Cal ID: HPMS9-13-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.2	3612	PASS
75.0	95.0	30.0	60.0	45.6	9046	PASS
95.0	95.0	100	100	100	19842	PASS
96.0	95.0	5.00	9.00	6.82	1354	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	83.0	16459	PASS
175	174	5.00	9.00	7.28	1198	PASS
176	174	95.0	101	96.5	15887	PASS
177	176	5.00	9.00	6.70	1065	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG222144-05	STD-S	01	09/13/2006 15:11	
WG222144-10	STD-S	01	09/13/2006 13:38	
WG222144-09	STD-S	01	09/13/2006 13:08	
WG222144-07	STD-S	01	09/13/2006 12:05	
WG222144-04	STD-S	01	09/13/2006 10:32	
WG222144-02	STD-S	01	09/13/2006 09:28	
WG222144-03	STD-S	01	09/13/2006 10:00	
WG222144-06	STD-S	01	09/13/2006 11:34	
WG222144-08	STD-CCV-S	01	09/13/2006 12:36	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 592388
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609540 Tune ID: WG222226-01
Instrument: HPMS9 Run Date: 09/13/2006
Analyst: MES Run Time: 17:16
Workgroup: WG222226 File ID: 9M48536
Cal ID: HPMS9-13-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.3	1602	PASS
75.0	95.0	30.0	60.0	47.1	4122	PASS
95.0	95.0	100	100	100	8747	PASS
96.0	95.0	5.00	9.00	7.11	622	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	73.6	6434	PASS
175	174	5.00	9.00	7.17	461	PASS
176	174	95.0	101	96.9	6237	PASS
177	176	5.00	9.00	7.52	469	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG222144-11	SSCV-S	01	09/13/2006 18:41	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609540
Instrument: HPMS10
Analyst: MES
Workgroup: WG223777

Tune ID: WG223777-01
Run Date: 09/29/2006
Run Time: 17:38
File ID: 10M49429
Cal ID: HPMS10 -26-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	20.1	4657	PASS
75.0	95.0	30.0	60.0	46.6	10808	PASS
95.0	95.0	100	100	100	23208	PASS
96.0	95.0	5.00	9.00	6.89	1600	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	89.9	20869	PASS
175	174	5.00	9.00	8.10	1691	PASS
176	174	95.0	101	97.1	20256	PASS
177	176	5.00	9.00	6.79	1375	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223777-02	CCV	09/29/2006 17:59	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223778-01	BLANK	01	09/29/2006 18:31	
WG223778-02	LCS	01	09/29/2006 19:04	
L0609540-28	TB	01	09/29/2006 20:08	
L0609540-27	29WW16	01	09/29/2006 22:48	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 592378
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609540 Tune ID: WG223797-01
Instrument: HPMS10 Run Date: 09/30/2006
Analyst: MES Run Time: 12:16
Workgroup: WG223797 File ID: 10M49461
Cal ID: HPMS10 -26-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	17.5	4704	PASS
75.0	95.0	30.0	60.0	44.1	11839	PASS
95.0	95.0	100	100	100	26866	PASS
96.0	95.0	5.00	9.00	7.64	2053	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	90.2	24237	PASS
175	174	5.00	9.00	5.87	1422	PASS
176	174	95.0	101	101	24474	PASS
177	176	5.00	9.00	6.14	1502	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223797-02	CCV	09/30/2006 12:39	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223798-01	BLANK	01	09/30/2006 13:45	
WG223798-02	LCS	01	09/30/2006 14:16	
L0609540-27	29WW16	DL01	09/30/2006 22:11	
WG223798-06	BLANK2	01	10/01/2006 01:23	*

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 592378
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609540
Instrument: HPMS9
Analyst: MES
Workgroup: WG223574

Tune ID: WG223574-01
Run Date: 09/28/2006
Run Time: 08:32
File ID: 9M48986
Cal ID: HPMS9 -13-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.6	2711	PASS
75.0	95.0	30.0	60.0	45.2	6594	PASS
95.0	95.0	100	100	100	14600	PASS
96.0	95.0	5.00	9.00	6.62	966	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	77.6	11324	PASS
175	174	5.00	9.00	8.04	911	PASS
176	174	95.0	101	95.8	10853	PASS
177	176	5.00	9.00	6.81	739	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223574-02	CCV	09/28/2006 08:54	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223575-01	BLANK	01	09/28/2006 09:26	
WG223575-02	LCS	01	09/28/2006 09:58	
L0609540-13	35-SMP074-SB01-02	01	09/28/2006 12:05	
L0609540-14	35-SMP074-SB01-02	01	09/28/2006 12:37	
L0609540-15	35-SMP074-SB01-02	01	09/28/2006 13:09	
L0609540-01	35-SMP066-SB01-02	01	09/28/2006 15:47	
L0609540-02	35-SMP034-SB01-02	01	09/28/2006 16:19	
L0609540-03	35-SMP034-SB02-02	01	09/28/2006 16:51	
L0609540-04	35-SMP113-SB01-02	01	09/28/2006 17:23	
L0609540-05	35-SMP113-SB02-02	01	09/28/2006 17:55	
L0609540-07	35-SMP111-SB01-02	01	09/28/2006 18:27	
L0609540-09	35-SMP073-SB01-02	01	09/28/2006 18:59	
L0609540-11	35-SMP073-SB02-02	01	09/28/2006 19:31	
L0609540-16	35-SMP074-SB01-02-QC	01	09/28/2006 20:03	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 592389
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609540
Instrument: HPMS9
Analyst: MES
Workgroup: WG223696

Tune ID: WG223696-01
Run Date: 09/29/2006
Run Time: 08:23
File ID: 9M49019
Cal ID: HPMS9 -13-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.9	2688	PASS
75.0	95.0	30.0	60.0	46.4	6586	PASS
95.0	95.0	100	100	100	14206	PASS
96.0	95.0	5.00	9.00	6.86	975	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	75.3	10697	PASS
175	174	5.00	9.00	7.99	855	PASS
176	174	95.0	101	96.1	10284	PASS
177	176	5.00	9.00	7.21	741	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223696-02	CCV	09/29/2006 08:50	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223697-01	BLANK	01	09/29/2006 09:22	
WG223697-02	LCS	01	09/29/2006 09:53	
L0609540-18	35-SMP074-SB02-02	01	09/29/2006 13:34	
L0609540-20	35-SMP075-SB01-02	01	09/29/2006 14:05	
L0609540-22	35-SMP087-SB01-02	01	09/29/2006 14:37	
L0609540-24	35-SMP087-SB02-02	01	09/29/2006 15:09	
L0609540-26	35-SMP084-SB01-02	01	09/29/2006 15:41	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 592389
Report generated 10/11/2006 08:02

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092001

Login Number: L0609540 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

ICAL Workgroup: WG223354 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,1-Dichloroethene	CCC	0.2533	4.45		
1,2-Dichloropropane	CCC	0.2392	7.51		
Chloroform	CCC	0.5083	5.56		
Ethylbenzene	CCC	0.4856	7.29		
Toluene	CCC	1.398	4.98		
Vinyl Chloride	CCC	0.1908	12.8		
1,1,2,2-Tetrachloroethane	SPCC	0.3703	14.5		
1,1-Dichloroethane	SPCC	0.5044	5.39		
Bromoform	SPCC	0.1656	13.9		
Chlorobenzene	SPCC	0.9492	3.57		
Chloromethane	SPCC	0.2600	12.9		
1,1,1,2-Tetrachloroethane		0.3550	10.3		
1,1,1-Trichloroethane		0.4655	9.43		
1,1,2-Trichloroethane		0.2210	9.12		
1,1-Dichloropropene		0.3775	4.17		
1,2,3-Trichlorobenzene		0.5937	7.25		
1,2,3-Trichloropropane		0.1355	7.19		
1,2,4-Trichlorobenzene		0.7600	9.23		
1,2,4-Trimethylbenzene		2.259	10.8		
1,2-Dibromo-3-Chloropropane		0.06578	17.0	1.00	
1,2-Dibromoethane		0.2219	12.9		
1,2-Dichlorobenzene		1.253	5.03		
1,2-Dichloroethane		0.3449	9.43		
1,3,5-Trimethylbenzene		2.149	12.9		
1,3-Dichlorobenzene		1.434	4.30		
1,3-Dichloropropane		0.4011	6.91		
1,4-Dichlorobenzene		1.495	4.38		
2,2-Dichloropropane		0.4577	7.76		
2-Butanone		0.04994	8.46		
2-Chloroethyl Vinyl Ether		0.08373	4.59		
2-Chlorotoluene		2.235	7.28		
2-Hexanone		0.09886	8.47		
4-Chlorotoluene		2.034	6.85		
4-Methyl-2-Pentanone		0.04340	7.82		
Acetone		0.03662	12.4		
Benzene		1.012	4.48		
Bromobenzene		0.7486	6.86		
Bromochloromethane		0.1259	12.0		
Bromodichloromethane		0.3278	7.84		
Bromomethane		0.1425	14.3		
Carbon Disulfide		0.7629	4.75		
Carbon Tetrachloride		0.4169	13.9		
Chloroethane		0.1937	4.59		
Dibromochloromethane		0.2781	17.0		1.00
Dibromomethane		0.1250	11.2		

KEMRON FORMS - Modified 08/31/2006
Version 1.5 PDF File ID: 592375
Report generated 10/11/2006 08:02

INITIAL CALIBRATION SUMMARY

00092002

Login Number: L0609540 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01
ICAL Workgroup: WG223354 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
Dichlorodifluoromethane		0.3629	6.31		
Hexachlorobutadiene		0.3469	14.9		
Isopropylbenzene		1.384	10.4		
Methylene Chloride		0.2868	14.4		
Naphthalene		0.8972	13.8		
Styrene		0.8558	18.5		1.00
Tetrachloroethene		0.3307	11.2		
Trichloroethene		0.2893	7.50		
Trichlorofluoromethane		0.5286	21.6		1.00
Vinyl Acetate		0.4012	4.20		
cis-1,2-Dichloroethene		0.2867	7.28		
cis-1,3-Dichloropropene		0.3661	11.0		
m-,p-Xylene		0.5872	6.35		
n-Butylbenzene		1.984	8.68		
n-Propylbenzene		3.038	12.1		
o-Xylene		0.5471	9.97		
p-Isopropyltoluene		2.379	8.67		
sec-Butylbenzene		2.658	11.9		
tert-Butylbenzene		0.5160	6.77		
trans-1,2-Dichloroethene		0.2756	8.02		
trans-1,3-Dichloropropene		0.4397	12.0		

INITIAL CALIBRATION DATA

00092003

Login Number: L0609540 Instrument ID: HPMS10

Analytical Method: 8260B Initial Calibration Date: 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-02			WG223354-03			WG223354-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	1.00	5565.00000	0.2373
1,2-Dichloropropane	NA	NA	NA	0.400	1799.00000	0.2042	1.00	5220.00000	0.2226
Chloroform	0.300	3076.00000	0.4594	0.400	4299.00000	0.4879	1.00	12046.0000	0.5138
Ethylbenzene	NA	NA	NA	0.400	2583.00000	0.4099	1.00	8185.00000	0.4954
Toluene	NA	NA	NA	0.400	7975.00000	1.266	1.00	22880.0000	1.385
Vinyl Chloride	NA	NA	NA	0.400	1552.00000	0.1761	1.00	5246.00000	0.2237
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	938.000000	0.2795	1.00	2642.00000	0.2969
1,1-Dichloroethane	NA	NA	NA	0.400	4036.00000	0.4580	1.00	11479.0000	0.4896
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2129.00000	0.1288
Chlorobenzene	NA	NA	NA	0.400	5802.00000	0.9207	1.00	15987.0000	0.9675
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	7587.00000	0.3236
1,1,1,2-Tetrachloroethane	NA	NA	NA	0.400	1803.00000	0.2861	1.00	5477.00000	0.3315
1,1,1-Trichloroethane	NA	NA	NA	0.400	3300.00000	0.3745	1.00	10638.0000	0.4537
1,1,2-Trichloroethane	NA	NA	NA	0.400	1146.00000	0.1819	1.00	3476.00000	0.2104
1,1-Dichloropropene	NA	NA	NA	NA	NA	NA	1.00	8422.00000	0.3592
1,2,3-Trichlorobenzene	0.300	1431.00000	0.5807	0.400	1778.00000	0.5297	1.00	5042.00000	0.5666
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	1.00	1098.00000	0.1234
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	2221.00000	0.6617	1.00	5926.00000	0.6659
1,2,4-Trimethylbenzene	NA	NA	NA	0.400	5820.00000	1.734	1.00	18858.0000	2.119
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	0.400	983.000000	0.1560	1.00	3548.00000	0.2147
1,2-Dichlorobenzene	0.300	3092.00000	1.255	0.400	3846.00000	1.146	1.00	11337.0000	1.274
1,2-Dichloroethane	NA	NA	NA	0.400	2586.00000	0.2935	1.00	8318.00000	0.3548
1,3,5-Trimethylbenzene	NA	NA	NA	0.400	5337.00000	1.590	1.00	17021.0000	1.913
1,3-Dichlorobenzene	NA	NA	NA	0.400	4455.00000	1.327	1.00	12643.0000	1.421
1,3-Dichloropropane	NA	NA	NA	0.400	2189.00000	0.3474	1.00	6646.00000	0.4022
1,4-Dichlorobenzene	0.300	3815.00000	1.548	0.400	4949.00000	1.475	1.00	13838.0000	1.555
2,2-Dichloropropane	NA	NA	NA	0.400	3388.00000	0.3845	1.00	10340.0000	0.4410
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	0.400	6465.00000	1.926	1.00	19038.0000	2.139
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	0.400	5914.00000	1.762	1.00	18389.0000	2.066
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	0.400	8968.00000	1.018	1.00	23978.0000	1.023
Bromobenzene	0.300	1612.00000	0.6542	0.400	2387.00000	0.7112	1.00	6416.00000	0.7209
Bromochloromethane	NA	NA	NA	0.400	820.000000	0.09310	1.00	2816.00000	0.1201
Bromodichloromethane	NA	NA	NA	0.400	2502.00000	0.2839	1.00	7161.00000	0.3054
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	4074.00000	0.1738
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	16809.0000	0.7169
Carbon Tetrachloride	NA	NA	NA	0.400	2501.00000	0.2838	1.00	9780.00000	0.4171

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INITIAL CALIBRATION DATA

00092004

Login Number: L0609540 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-05			WG223354-06			WG223354-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	11379.0000	0.2412	5.00	30353.0000	0.2557	20.0	127421.000	0.2634
1,2-Dichloropropane	2.00	11654.0000	0.2470	5.00	29513.0000	0.2486	20.0	123236.000	0.2548
Chloroform	2.00	24618.0000	0.5217	5.00	64650.0000	0.5446	20.0	257263.000	0.5318
Ethylbenzene	2.00	15853.0000	0.4707	5.00	43460.0000	0.5131	20.0	180323.000	0.5174
Toluene	2.00	46282.0000	1.374	5.00	124755.000	1.473	20.0	506489.000	1.453
Vinyl Chloride	2.00	10447.0000	0.2214	5.00	24080.0000	0.2028	20.0	93100.0000	0.1925
1,1,2,2-Tetrachloroethane	2.00	7132.00000	0.3976	5.00	19093.0000	0.4259	20.0	75941.0000	0.4059
1,1-Dichloroethane	2.00	23531.0000	0.4987	5.00	62926.0000	0.5301	20.0	258753.000	0.5349
Bromoform	2.00	4662.00000	0.1384	5.00	14223.0000	0.1679	20.0	62252.0000	0.1786
Chlorobenzene	2.00	32302.0000	0.9590	5.00	83450.0000	0.9852	20.0	340669.000	0.9775
Chloromethane	2.00	12793.0000	0.2711	5.00	31729.0000	0.2673	20.0	123638.000	0.2556
1,1,1,2-Tetrachloroethane	2.00	12083.0000	0.3587	5.00	32927.0000	0.3887	20.0	135992.000	0.3902
1,1,1-Trichloroethane	2.00	22462.0000	0.4760	5.00	59819.0000	0.5039	20.0	244015.000	0.5044
1,1,2-Trichloroethane	2.00	7987.00000	0.2371	5.00	20635.0000	0.2436	20.0	81115.0000	0.2328
1,1-Dichloropropene	2.00	17215.0000	0.3648	5.00	46200.0000	0.3892	20.0	189938.000	0.3927
1,2,3-Trichlorobenzene	2.00	9635.00000	0.5372	5.00	28642.0000	0.6389	20.0	117922.000	0.6302
1,2,3-Trichloropropane	2.00	2690.00000	0.1500	5.00	6308.00000	0.1407	20.0	26156.0000	0.1398
1,2,4-Trichlorobenzene	2.00	12667.0000	0.7062	5.00	35612.0000	0.7944	20.0	153532.000	0.8206
1,2,4-Trimethylbenzene	2.00	39610.0000	2.208	5.00	108984.000	2.431	20.0	457201.000	2.444
1,2-Dibromo-3-Chloropropane	2.00	806.000000	0.04490	5.00	2788.00000	0.06220	20.0	12595.0000	0.06730
1,2-Dibromoethane	2.00	7620.00000	0.2262	5.00	19758.0000	0.2333	20.0	83132.0000	0.2385
1,2-Dichlorobenzene	2.00	22832.0000	1.273	5.00	60933.0000	1.359	20.0	241301.000	1.290
1,2-Dichloroethane	2.00	17582.0000	0.3726	5.00	44653.0000	0.3762	20.0	178864.000	0.3698
1,3,5-Trimethylbenzene	2.00	37371.0000	2.083	5.00	105398.000	2.351	20.0	443728.000	2.372
1,3-Dichlorobenzene	2.00	26242.0000	1.463	5.00	68188.0000	1.521	20.0	275940.000	1.475
1,3-Dichloropropane	2.00	14030.0000	0.4165	5.00	36237.0000	0.4278	20.0	146898.000	0.4215
1,4-Dichlorobenzene	2.00	27429.0000	1.529	5.00	70761.0000	1.579	20.0	277840.000	1.485
2,2-Dichloropropane	2.00	21459.0000	0.4548	5.00	57416.0000	0.4837	20.0	235567.000	0.4870
2-Butanone	NA	NA	NA	5.00	6427.00000	0.05410	20.0	25190.0000	0.05210
2-Chloroethyl Vinyl Ether	2.00	3600.00000	0.07630	5.00	9927.00000	0.08360	20.0	41576.0000	0.08590
2-Chlorotoluene	2.00	41221.0000	2.298	5.00	107687.000	2.402	20.0	440793.000	2.356
2-Hexanone	NA	NA	NA	5.00	7744.00000	0.09140	20.0	36565.0000	0.1049
4-Chlorotoluene	2.00	35736.0000	1.992	5.00	100135.000	2.234	20.0	397668.000	2.125
4-Methyl-2-Pentanone	NA	NA	NA	5.00	4788.00000	0.04030	20.0	22387.0000	0.04630
Acetone	NA	NA	NA	5.00	4659.00000	0.03920	20.0	20183.0000	0.04170
Benzene	2.00	49830.0000	1.056	5.00	125011.000	1.053	20.0	498424.000	1.030
Bromobenzene	2.00	13829.0000	0.7710	5.00	36883.0000	0.8228	20.0	147474.000	0.7882
Bromochloromethane	2.00	6248.00000	0.1324	5.00	15920.0000	0.1341	20.0	67930.0000	0.1404
Bromodichloromethane	2.00	14931.0000	0.3164	5.00	40192.0000	0.3386	20.0	169804.000	0.3510
Bromomethane	2.00	7690.00000	0.1630	5.00	17873.0000	0.1506	20.0	65590.0000	0.1356
Carbon Disulfide	2.00	34729.0000	0.7360	5.00	94491.0000	0.7960	20.0	386117.000	0.7982
Carbon Tetrachloride	2.00	19244.0000	0.4078	5.00	54420.0000	0.4584	20.0	219777.000	0.4543

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INITIAL CALIBRATION DATA

00092005

Login Number: L0609540 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-08			WG223354-09			WG223354-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	333617.000	0.2692	100	645712.000	0.2544	200	1292398.00	0.2522
1,2-Dichloropropane	50.0	318922.000	0.2573	100	619363.000	0.2440	200	1205986.00	0.2353
Chloroform	50.0	662551.000	0.5345	100	1267616.00	0.4994	200	2466373.00	0.4813
Ethylbenzene	50.0	463933.000	0.5153	100	898334.000	0.4860	200	1745991.00	0.4768
Toluene	50.0	1329312.00	1.476	100	2570018.00	1.390	200	5014665.00	1.370
Vinyl Chloride	50.0	232474.000	0.1876	100	422668.000	0.1665	200	799829.000	0.1561
1,1,2,2-Tetrachloroethane	50.0	193086.000	0.4024	100	385680.000	0.3885	200	725344.000	0.3658
1,1-Dichloroethane	50.0	663062.000	0.5349	100	1267781.00	0.4995	200	2509176.00	0.4896
Bromoform	50.0	169275.000	0.1880	100	340196.000	0.1840	200	634782.000	0.1734
Chlorobenzene	50.0	875252.000	0.9721	100	1700151.00	0.9197	200	3265826.00	0.8919
Chloromethane	50.0	310624.000	0.2506	100	588858.000	0.2320	200	1127924.00	0.2201
1,1,1,2-Tetrachloroethane	50.0	349608.000	0.3883	100	669776.000	0.3623	200	1222826.00	0.3340
1,1,1-Trichloroethane	50.0	623798.000	0.5033	100	1183075.00	0.4661	200	2266872.00	0.4423
1,1,2-Trichloroethane	50.0	208931.000	0.2321	100	409383.000	0.2215	200	762534.000	0.2083
1,1-Dichloropropene	50.0	493468.000	0.3981	100	951810.000	0.3750	200	1863219.00	0.3636
1,2,3-Trichlorobenzene	50.0	310339.000	0.6467	100	609549.000	0.6140	200	1187670.00	0.5989
1,2,3-Trichloropropane	50.0	66551.0000	0.1387	100	131330.000	0.1323	200	244633.000	0.1234
1,2,4-Trichlorobenzene	50.0	397960.000	0.8293	100	798302.000	0.8041	200	1581931.00	0.7977
1,2,4-Trimethylbenzene	50.0	1186482.00	2.473	100	2314905.00	2.332	200	4618598.00	2.329
1,2-Dibromo-3-Chloropropane	50.0	34822.0000	0.07260	100	73870.0000	0.07440	200	145413.000	0.07330
1,2-Dibromoethane	50.0	222618.000	0.2473	100	438406.000	0.2372	200	811641.000	0.2217
1,2-Dichlorobenzene	50.0	613409.000	1.278	100	1212073.00	1.221	200	2342651.00	1.181
1,2-Dichloroethane	50.0	446307.000	0.3601	100	839998.000	0.3309	200	1545378.00	0.3016
1,3,5-Trimethylbenzene	50.0	1150650.00	2.398	100	2224936.00	2.241	200	4443131.00	2.241
1,3-Dichlorobenzene	50.0	707847.000	1.475	100	1388166.00	1.398	200	2754270.00	1.389
1,3-Dichloropropane	50.0	376502.000	0.4182	100	744034.000	0.4025	200	1363613.00	0.3724
1,4-Dichlorobenzene	50.0	716158.000	1.492	100	1403748.00	1.414	200	2740806.00	1.382
2,2-Dichloropropane	50.0	616467.000	0.4973	100	1174465.00	0.4627	200	2309872.00	0.4507
2-Butanone	50.0	64599.0000	0.05210	100	121397.000	0.04780	200	223480.000	0.04360
2-Chloroethyl Vinyl Ether	50.0	104977.000	0.08470	100	221284.000	0.08720	200	434123.000	0.08470
2-Chlorotoluene	50.0	1148942.00	2.394	100	2201573.00	2.218	200	4249340.00	2.143
2-Hexanone	50.0	95823.0000	0.1064	100	190895.000	0.1033	200	323213.000	0.08830
4-Chlorotoluene	50.0	1014855.00	2.115	100	1978622.00	1.993	200	3932859.00	1.983
4-Methyl-2-Pentanone	50.0	57416.0000	0.04630	100	113850.000	0.04490	200	200847.000	0.03920
Acetone	50.0	47294.0000	0.03820	100	85177.0000	0.03360	200	155997.000	0.03040
Benzene	50.0	1275895.00	1.029	100	2441949.00	0.9620	200	4742785.00	0.9255
Bromobenzene	50.0	381056.000	0.7941	100	740551.000	0.7460	200	1446174.00	0.7293
Bromochloromethane	50.0	169165.000	0.1365	100	329646.000	0.1299	200	618453.000	0.1207
Bromodichloromethane	50.0	448636.000	0.3619	100	869682.000	0.3426	200	1653390.00	0.3226
Bromomethane	50.0	160245.000	0.1293	100	312388.000	0.1231	200	625410.000	0.1220
Carbon Disulfide	50.0	997016.000	0.8044	100	1919092.00	0.7560	200	3754362.00	0.7326
Carbon Tetrachloride	50.0	572202.000	0.4616	100	1115315.00	0.4394	200	2114994.00	0.4127

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INITIAL CALIBRATION DATA

00092006

Login Number: L0609540 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-02			WG223354-03			WG223354-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	4650.00000	0.1983
Dibromochloromethane	NA	NA	NA	0.400	1164.00000	0.1847	1.00	3956.00000	0.2394
Dibromomethane	NA	NA	NA	0.400	891.000000	0.1011	1.00	2519.00000	0.1074
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	8108.00000	0.3458
Hexachlorobutadiene	NA	NA	NA	0.400	804.000000	0.2395	1.00	2697.00000	0.3031
Isopropylbenzene	NA	NA	NA	0.400	6898.00000	1.095	1.00	21468.0000	1.299
Methylene Chloride	NA	NA	NA	0.400	3242.00000	0.3679	1.00	7114.00000	0.3034
Naphthalene	NA	NA	NA	0.400	2530.00000	0.7538	1.00	6583.00000	0.7397
Styrene	NA	NA	NA	0.400	3757.00000	0.5962	1.00	11077.0000	0.6704
Tetrachloroethene	NA	NA	NA	0.400	1571.00000	0.2493	1.00	6167.00000	0.3732
Trichloroethene	NA	NA	NA	0.400	2186.00000	0.2481	1.00	6477.00000	0.2762
Trichlorofluoromethane	NA	NA	NA	0.400	2416.00000	0.2742	1.00	13145.0000	0.5606
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2143.00000	0.2432	1.00	6403.00000	0.2731
cis-1,3-Dichloropropene	NA	NA	NA	0.400	2712.00000	0.3078	1.00	7313.00000	0.3119
m-,p-Xylene	NA	NA	NA	0.800	6513.00000	0.5168	2.00	18918.0000	0.5725
n-Butylbenzene	NA	NA	NA	NA	NA	NA	1.00	15343.0000	1.724
n-Propylbenzene	NA	NA	NA	0.400	7571.00000	2.256	1.00	25109.0000	2.821
o-Xylene	NA	NA	NA	0.400	2772.00000	0.4399	1.00	8265.00000	0.5002
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	1.00	18024.0000	2.025
sec-Butylbenzene	NA	NA	NA	0.400	6749.00000	2.011	1.00	21283.0000	2.392
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	1.00	3977.00000	0.4469
trans-1,2-Dichloroethene	NA	NA	NA	0.400	1997.00000	0.2266	1.00	6200.00000	0.2644
trans-1,3-Dichloropropene	NA	NA	NA	0.400	2137.00000	0.3391	1.00	6662.00000	0.4032

INITIAL CALIBRATION DATA

00092007

Login Number: L0609540 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-05			WG223354-06			WG223354-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	2.00	9049.00000	0.1918	5.00	24023.0000	0.2024	20.0	97383.0000	0.2013
Dibromochloromethane	2.00	8777.00000	0.2606	5.00	24745.0000	0.2921	20.0	108787.000	0.3122
Dibromomethane	2.00	6104.00000	0.1294	5.00	16306.0000	0.1374	20.0	65021.0000	0.1344
Dichlorodifluoromethane	2.00	17858.0000	0.3785	5.00	46151.0000	0.3888	20.0	183022.000	0.3784
Hexachlorobutadiene	2.00	6150.00000	0.3429	5.00	16979.0000	0.3788	20.0	69948.0000	0.3738
Isopropylbenzene	2.00	43821.0000	1.301	5.00	123543.000	1.459	20.0	522699.000	1.500
Methylene Chloride	2.00	14822.0000	0.3141	5.00	33756.0000	0.2844	20.0	128986.000	0.2666
Naphthalene	2.00	13610.0000	0.7588	5.00	42317.0000	0.9440	20.0	181471.000	0.9699
Styrene	2.00	25678.0000	0.7623	5.00	75487.0000	0.8912	20.0	340480.000	0.9770
Tetrachloroethene	2.00	10859.0000	0.3224	5.00	29799.0000	0.3518	20.0	120571.000	0.3460
Trichloroethene	2.00	13537.0000	0.2869	5.00	37371.0000	0.3148	20.0	147555.000	0.3050
Trichlorofluoromethane	2.00	27257.0000	0.5777	5.00	69867.0000	0.5886	20.0	284060.000	0.5872
Vinyl Acetate	NA	NA	NA	5.00	46141.0000	0.3887	20.0	203716.000	0.4211
cis-1,2-Dichloroethene	2.00	13709.0000	0.2905	5.00	35770.0000	0.3013	20.0	146057.000	0.3019
cis-1,3-Dichloropropene	2.00	16477.0000	0.3492	5.00	44962.0000	0.3788	20.0	194910.000	0.4029
m-,p-Xylene	4.00	38830.0000	0.5764	10.0	104986.000	0.6197	40.0	437723.000	0.6280
n-Butylbenzene	2.00	31493.0000	1.756	5.00	90484.0000	2.019	20.0	389535.000	2.082
n-Propylbenzene	2.00	53155.0000	2.963	5.00	147847.000	3.298	20.0	620434.000	3.316
o-Xylene	2.00	17728.0000	0.5263	5.00	48979.0000	0.5783	20.0	206123.000	0.5914
p-Isopropyltoluene	2.00	38659.0000	2.155	5.00	109870.000	2.451	20.0	470657.000	2.516
sec-Butylbenzene	2.00	46439.0000	2.589	5.00	127328.000	2.840	20.0	539770.000	2.885
tert-Butylbenzene	2.00	9003.00000	0.5019	5.00	24456.0000	0.5456	20.0	101251.000	0.5411
trans-1,2-Dichloroethene	2.00	13474.0000	0.2856	5.00	34435.0000	0.2901	20.0	140743.000	0.2910
trans-1,3-Dichloropropene	2.00	14043.0000	0.4169	5.00	40664.0000	0.4801	20.0	170505.000	0.4892

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INITIAL CALIBRATION DATA

00092008

Login Number: L0609540 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-08			WG223354-09			WG223354-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	50.0	246073.000	0.1985	100	464018.000	0.1828	200	925186.000	0.1805
Dibromochloromethane	50.0	291930.000	0.3242	100	580866.000	0.3142	200	1089227.00	0.2975
Dibromomethane	50.0	171608.000	0.1384	100	330685.000	0.1303	200	621858.000	0.1213
Dichlorodifluoromethane	50.0	467071.000	0.3768	100	869932.000	0.3427	200	1689257.00	0.3296
Hexachlorobutadiene	50.0	183776.000	0.3830	100	361938.000	0.3646	200	771905.000	0.3893
Isopropylbenzene	50.0	1374843.00	1.527	100	2680230.00	1.450	200	5269989.00	1.439
Methylene Chloride	50.0	330151.000	0.2664	100	637984.000	0.2513	200	1229800.00	0.2400
Naphthalene	50.0	486958.000	1.015	100	1003595.00	1.011	200	1955196.00	0.9860
Styrene	50.0	910821.000	1.012	100	1801530.00	0.9745	200	3527245.00	0.9633
Tetrachloroethene	50.0	313677.000	0.3484	100	607679.000	0.3287	200	1191389.00	0.3254
Trichloroethene	50.0	385050.000	0.3106	100	739218.000	0.2912	200	1442562.00	0.2815
Trichlorofluoromethane	50.0	719636.000	0.5806	100	1349488.00	0.5316	NA	NA	NA
Vinyl Acetate	50.0	513246.000	0.4141	100	1019109.00	0.4015	200	1951621.00	0.3808
cis-1,2-Dichloroethene	50.0	382540.000	0.3086	100	738308.000	0.2909	200	1453818.00	0.2837
cis-1,3-Dichloropropene	50.0	512100.000	0.4131	100	1005266.00	0.3960	200	1893336.00	0.3694
m-,p-Xylene	100	1125696.00	0.6251	200	2175550.00	0.5884	400	4176586.00	0.5703
n-Butylbenzene	50.0	1033915.00	2.155	100	2044609.00	2.060	200	4157518.00	2.097
n-Propylbenzene	50.0	1617875.00	3.372	100	3130356.00	3.153	200	6196654.00	3.125
o-Xylene	50.0	538405.000	0.5980	100	1057943.00	0.5723	200	2087851.00	0.5702
p-Isopropyltoluene	50.0	1240134.00	2.584	100	2431432.00	2.449	200	4908480.00	2.475
sec-Butylbenzene	50.0	1411608.00	2.942	100	2757966.00	2.778	200	5602743.00	2.825
tert-Butylbenzene	50.0	261099.000	0.5441	100	507358.000	0.5111	200	1034049.00	0.5214
trans-1,2-Dichloroethene	50.0	364573.000	0.2941	100	705532.000	0.2780	200	1408162.00	0.2748
trans-1,3-Dichloropropene	50.0	441941.000	0.4909	100	863332.000	0.4670	200	1578447.00	0.4311

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Version 1.6 PDF File ID: 592375
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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092009

Login Number: L0609540 **Instrument ID:** HPMS9

Analytical Method: 8260B **Initial Calibration Date:** 13-SEP-06 15:11

ICAL Workgroup: WG222144 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,1-Dichloroethene	CCC	0.1853	10.3		
1,2-Dichloropropane	CCC	0.1645	11.1		
Chloroform	CCC	0.3432	7.46		
Ethylbenzene	CCC	0.3957	5.80		
Toluene	CCC	1.011	5.13		
Vinyl Chloride	CCC	0.1344	12.2		
1,1,2,2-Tetrachloroethane	SPCC	0.4801	8.53		
1,1-Dichloroethane	SPCC	0.3411	6.84		
Bromoform	SPCC	0.1350	14.4		
Chlorobenzene	SPCC	0.7388	3.39		
Chloromethane	SPCC	0.1626	3.57		
1,1,1,2-Tetrachloroethane		0.2364	13.0		
1,1,1-Trichloroethane		0.3095	12.2		
1,1,2-Trichloroethane		0.1884	8.99		
1,1-Dichloropropene		0.2687	7.77		
1,2,3-Trichlorobenzene		0.5631	11.3		
1,2,3-Trichloropropane		0.1670	8.09		
1,2,4-Trichlorobenzene		0.6360	10.8		
1,2,4-Trimethylbenzene		2.097	4.93		
1,2-Dibromo-3-Chloropropane		0.1001	24.1	1.00	
1,2-Dibromoethane		0.2136	8.78		
1,2-Dichlorobenzene		1.051	4.46		
1,2-Dichloroethane		0.2654	3.56		
1,3,5-Trimethylbenzene		1.969	11.7		
1,3-Dichlorobenzene		1.139	3.60		
1,3-Dichloropropane		0.3275	6.49		
1,4-Dichlorobenzene		1.186	4.06		
2,2-Dichloropropane		0.2831	11.9		
2-Butanone		0.06208	5.44		
2-Chloroethyl Vinyl Ether		0.09552	10.7		
2-Chlorotoluene		1.840	6.32		
2-Hexanone		0.1183	10.8		
4-Chlorotoluene		1.633	7.66		
4-Methyl-2-Pentanone		0.05668	17.2	0.999	
Acetone		0.05180	17.1	1.00	
Benzene		0.7218	4.91		
Bromobenzene		0.5774	5.07		
Bromochloromethane		0.1038	7.68		
Bromodichloromethane		0.2246	10.5		
Bromomethane		0.1059	3.38		
Carbon Disulfide		0.5884	5.63		
Carbon Tetrachloride		0.2956	11.4		
Chloroethane		0.1448	4.02		
Dibromochloromethane		0.2319	12.8		
Dibromomethane		0.1124	4.46		

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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092010

Login Number:L0609540 Instrument ID:HPMS9

Analytical Method:8260B Initial Calibration Date:13-SEP-06 15:11

ICAL Workgroup:WG222144 Column ID:F

Analyte		AVG RF	% RSD	LINEAR	QUAD
Dichlorodifluoromethane		0.2608	5.33		
Hexachlorobutadiene		0.2855	11.7		
Isopropylbenzene		1.174	11.0		
Methylene Chloride		0.2331	26.4	1.00	
Naphthalene		1.619	10.3		
Styrene		0.7501	12.7		
Tetrachloroethene		0.2031	8.27		
Trichloroethene		0.2206	8.07		
Trichlorofluoromethane		0.4332	7.49		
Vinyl Acetate		0.2297	10.4		
cis-1,2-Dichloroethene		0.2022	11.3		
cis-1,3-Dichloropropene		0.2661	13.1		
m-,p-Xylene		0.5031	3.51		
n-Butylbenzene		1.910	11.4		
n-Propylbenzene		2.714	9.85		
o-Xylene		0.4422	14.1		
p-Isopropyltoluene		2.192	12.2		
sec-Butylbenzene		2.615	11.0		
tert-Butylbenzene		0.4357	8.86		
trans-1,2-Dichloroethene		0.1961	13.2		
trans-1,3-Dichloropropene		0.3202	13.3		

INITIAL CALIBRATION DATA

00092011

Login Number: L0609540 **Instrument ID:** HPMS9

Analytical Method: 8260B **Initial Calibration Date:** 13-SEP-06 15:11

Column ID: F

Analyte	WG222144-02			WG222144-03			WG222144-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	2.00	2898.00000	0.1542
1,2-Dichloropropane	NA	NA	NA	1.00	1257.00000	0.1323	2.00	2719.00000	0.1447
Chloroform	NA	NA	NA	1.00	2758.00000	0.2904	2.00	6402.00000	0.3406
Ethylbenzene	0.500	1500.00000	0.3862	1.00	2637.00000	0.3615	2.00	5334.00000	0.3695
Toluene	0.500	3824.00000	0.9847	1.00	6745.00000	0.9247	2.00	13955.0000	0.9668
Vinyl Chloride	NA	NA	NA	NA	NA	NA	2.00	2525.00000	0.1344
1,1,2,2-Tetrachloroethane	NA	NA	NA	1.00	1509.00000	0.3961	2.00	3797.00000	0.5046
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	2.00	5881.00000	0.3129
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	1.00	5027.00000	0.6892	2.00	10504.0000	0.7277
Chloromethane	NA	NA	NA	NA	NA	NA	2.00	3010.00000	0.1602
1,1,1,2-Tetrachloroethane	NA	NA	NA	1.00	1392.00000	0.1908	2.00	3001.00000	0.2079
1,1,1-Trichloroethane	NA	NA	NA	1.00	2309.00000	0.2431	2.00	5366.00000	0.2855
1,1,2-Trichloroethane	NA	NA	NA	1.00	1097.00000	0.1504	2.00	2647.00000	0.1834
1,1-Dichloropropene	NA	NA	NA	NA	NA	NA	2.00	4446.00000	0.2366
1,2,3-Trichlorobenzene	NA	NA	NA	1.00	1715.00000	0.4501	2.00	4292.00000	0.5704
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	2.00	1059.00000	0.1407
1,2,4-Trichlorobenzene	NA	NA	NA	1.00	2017.00000	0.5294	2.00	5042.00000	0.6701
1,2,4-Trimethylbenzene	NA	NA	NA	1.00	7484.00000	1.964	2.00	15555.0000	2.067
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	1.00	1280.00000	0.1755	2.00	2990.00000	0.2071
1,2-Dichlorobenzene	NA	NA	NA	1.00	3740.00000	0.9817	2.00	8307.00000	1.104
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	2.00	5042.00000	0.2683
1,3,5-Trimethylbenzene	NA	NA	NA	1.00	5961.00000	1.565	2.00	13217.0000	1.757
1,3-Dichlorobenzene	NA	NA	NA	1.00	4117.00000	1.081	2.00	8589.00000	1.142
1,3-Dichloropropane	NA	NA	NA	1.00	2057.00000	0.2820	2.00	4633.00000	0.3210
1,4-Dichlorobenzene	NA	NA	NA	1.00	4621.00000	1.213	2.00	9715.00000	1.291
2,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	1.00	6204.00000	1.628	2.00	13573.0000	1.804
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	1.00	5237.00000	1.375	2.00	12213.0000	1.623
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.500	3423.00000	0.6916	1.00	6330.00000	0.6664	2.00	13163.0000	0.7004
Bromobenzene	NA	NA	NA	1.00	2000.00000	0.5249	2.00	4255.00000	0.5655
Bromochloromethane	NA	NA	NA	NA	NA	NA	2.00	1717.00000	0.09140
Bromodichloromethane	NA	NA	NA	1.00	1770.00000	0.1863	2.00	3873.00000	0.2061
Bromomethane	NA	NA	NA	NA	NA	NA	2.00	2023.00000	0.1076
Carbon Disulfide	NA	NA	NA	NA	NA	NA	2.00	10083.0000	0.5365
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	2.00	4712.00000	0.2507

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INITIAL CALIBRATION DATA

00092012

Login Number: L0609540 **Instrument ID:** HPMS9

Analytical Method: 8260B **Initial Calibration Date:** 13-SEP-06 15:11

Column ID: F

Analyte	WG222144-05			WG222144-06			WG222144-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	5.00	7773.00000	0.1671	10.0	16562.0000	0.1795	20.0	35360.0000	0.1917
1,2-Dichloropropane	5.00	7255.00000	0.1560	10.0	15671.0000	0.1698	20.0	31799.0000	0.1724
Chloroform	5.00	15020.0000	0.3230	10.0	32047.0000	0.3473	20.0	65539.0000	0.3553
Ethylbenzene	5.00	13270.0000	0.3768	10.0	28390.0000	0.4020	20.0	58533.0000	0.4160
Toluene	5.00	34171.0000	0.9704	10.0	72689.0000	1.029	20.0	150696.000	1.071
Vinyl Chloride	5.00	6624.00000	0.1424	10.0	13358.0000	0.1448	20.0	27864.0000	0.1511
1,1,2,2-Tetrachloroethane	5.00	7958.00000	0.4492	10.0	17354.0000	0.4760	20.0	35241.0000	0.4858
1,1-Dichloroethane	5.00	14372.0000	0.3090	10.0	30652.0000	0.3322	20.0	64736.0000	0.3510
Bromoform	5.00	3637.00000	0.1033	10.0	8642.00000	0.1224	20.0	18848.0000	0.1340
Chlorobenzene	5.00	25462.0000	0.7231	10.0	52723.0000	0.7465	20.0	105791.000	0.7519
Chloromethane	5.00	7596.00000	0.1633	10.0	15072.0000	0.1633	20.0	31621.0000	0.1714
1,1,1,2-Tetrachloroethane	5.00	7269.00000	0.2064	10.0	16772.0000	0.2375	20.0	35618.0000	0.2532
1,1,1-Trichloroethane	5.00	12917.0000	0.2777	10.0	28516.0000	0.3090	20.0	61302.0000	0.3323
1,1,2-Trichloroethane	5.00	6440.00000	0.1829	10.0	13780.0000	0.1951	20.0	27647.0000	0.1965
1,1-Dichloropropene	5.00	11377.0000	0.2446	10.0	24326.0000	0.2636	20.0	51766.0000	0.2806
1,2,3-Trichlorobenzene	5.00	8867.00000	0.5006	10.0	20058.0000	0.5502	20.0	40710.0000	0.5612
1,2,3-Trichloropropane	5.00	2980.00000	0.1682	10.0	5817.00000	0.1596	20.0	12434.0000	0.1714
1,2,4-Trichlorobenzene	5.00	9708.00000	0.5480	10.0	22514.0000	0.6176	20.0	45798.0000	0.6313
1,2,4-Trimethylbenzene	5.00	34534.0000	1.950	10.0	75869.0000	2.081	20.0	154360.000	2.128
1,2-Dibromo-3-Chloropropane	5.00	1099.00000	0.06200	10.0	3115.00000	0.08540	20.0	6917.00000	0.09540
1,2-Dibromoethane	5.00	7117.00000	0.2021	10.0	15289.0000	0.2165	20.0	30794.0000	0.2189
1,2-Dichlorobenzene	5.00	17534.0000	0.9898	10.0	37666.0000	1.033	20.0	76034.0000	1.048
1,2-Dichloroethane	5.00	11396.0000	0.2450	10.0	24753.0000	0.2683	20.0	49212.0000	0.2668
1,3,5-Trimethylbenzene	5.00	32623.0000	1.842	10.0	72911.0000	2.000	20.0	149689.000	2.064
1,3-Dichlorobenzene	5.00	19224.0000	1.085	10.0	40907.0000	1.122	20.0	84605.0000	1.166
1,3-Dichloropropane	5.00	11169.0000	0.3172	10.0	23574.0000	0.3338	20.0	47574.0000	0.3381
1,4-Dichlorobenzene	5.00	20180.0000	1.139	10.0	42808.0000	1.174	20.0	84850.0000	1.170
2,2-Dichloropropane	5.00	10480.0000	0.2253	10.0	24423.0000	0.2647	20.0	52582.0000	0.2851
2-Butanone	NA	NA	NA	10.0	5357.00000	0.05810	20.0	10954.0000	0.05940
2-Chloroethyl Vinyl Ether	5.00	3739.00000	0.08040	10.0	8239.00000	0.08930	20.0	16761.0000	0.09090
2-Chlorotoluene	5.00	30707.0000	1.733	10.0	69280.0000	1.900	20.0	135878.000	1.873
2-Hexanone	5.00	3425.00000	0.09730	10.0	7814.00000	0.1106	20.0	16500.0000	0.1173
4-Chlorotoluene	5.00	27986.0000	1.580	10.0	57925.0000	1.589	20.0	125332.000	1.728
4-Methyl-2-Pentanone	5.00	1857.00000	0.03990	10.0	4820.00000	0.05220	20.0	10359.0000	0.05620
Acetone	5.00	3148.00000	0.06770	10.0	5189.00000	0.05620	20.0	9222.00000	0.05000
Benzene	5.00	32081.0000	0.6898	10.0	67955.0000	0.7364	20.0	138853.000	0.7528
Bromobenzene	5.00	9834.00000	0.5551	10.0	21568.0000	0.5916	20.0	42368.0000	0.5841
Bromochloromethane	5.00	4372.00000	0.09400	10.0	9643.00000	0.1045	20.0	19716.0000	0.1069
Bromodichloromethane	5.00	9495.00000	0.2042	10.0	20786.0000	0.2253	20.0	42565.0000	0.2308
Bromomethane	5.00	4766.00000	0.1025	10.0	9598.00000	0.1040	20.0	20544.0000	0.1114
Carbon Disulfide	5.00	25824.0000	0.5553	10.0	53482.0000	0.5796	20.0	109364.000	0.5929
Carbon Tetrachloride	5.00	11654.0000	0.2506	10.0	26515.0000	0.2873	20.0	56913.0000	0.3085

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INITIAL CALIBRATION DATA

00092013

Login Number: L0609540 **Instrument ID:** HPMS9

Analytical Method: 8260B **Initial Calibration Date:** 13-SEP-06 15:11

Column ID: F

Analyte	WG222144-08			WG222144-09			WG222144-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	93190.0000	0.2003	100	195960.000	0.2044	200	395770.000	0.1999
1,2-Dichloropropane	50.0	82716.0000	0.1778	100	175055.000	0.1826	200	357030.000	0.1803
Chloroform	50.0	167275.000	0.3595	100	352473.000	0.3676	200	717001.000	0.3622
Ethylbenzene	50.0	151715.000	0.4230	100	312230.000	0.4205	200	626994.000	0.4060
Toluene	50.0	381430.000	1.063	100	791119.000	1.065	200	1579280.00	1.023
Vinyl Chloride	50.0	64432.0000	0.1385	100	122914.000	0.1282	200	200484.000	0.1013
1,1,2,2-Tetrachloroethane	50.0	91801.0000	0.4957	100	190690.000	0.5255	200	382208.000	0.5077
1,1-Dichloroethane	50.0	165488.000	0.3556	100	353597.000	0.3688	200	709002.000	0.3581
Bromoform	50.0	52298.0000	0.1458	100	114504.000	0.1542	200	232059.000	0.1503
Chlorobenzene	50.0	272783.000	0.7605	100	569928.000	0.7675	200	1148315.00	0.7436
Chloromethane	50.0	78141.0000	0.1679	100	149098.000	0.1555	200	309688.000	0.1564
1,1,1,2-Tetrachloroethane	50.0	94770.0000	0.2642	100	201203.000	0.2709	200	401805.000	0.2602
1,1,1-Trichloroethane	50.0	157479.000	0.3384	100	334271.000	0.3486	200	676050.000	0.3415
1,1,2-Trichloroethane	50.0	71253.0000	0.1986	100	151070.000	0.2034	200	303450.000	0.1965
1,1-Dichloropropene	50.0	132121.000	0.2839	100	276908.000	0.2888	200	559791.000	0.2828
1,2,3-Trichlorobenzene	50.0	113439.000	0.6125	100	226061.000	0.6230	200	479214.000	0.6366
1,2,3-Trichloropropane	50.0	31963.0000	0.1726	100	66376.0000	0.1829	200	130806.000	0.1738
1,2,4-Trichlorobenzene	50.0	125491.000	0.6776	100	251488.000	0.6930	200	542707.000	0.7210
1,2,4-Trimethylbenzene	50.0	408266.000	2.204	100	812097.000	2.238	200	1613141.00	2.143
1,2-Dibromo-3-Chloropropane	50.0	20394.0000	0.1101	100	44232.0000	0.1219	200	94499.0000	0.1255
1,2-Dibromoethane	50.0	81747.0000	0.2279	100	174012.000	0.2343	200	349730.000	0.2265
1,2-Dichlorobenzene	50.0	198533.000	1.072	100	399432.000	1.101	200	812426.000	1.079
1,2-Dichloroethane	50.0	126128.000	0.2711	100	262575.000	0.2738	200	523878.000	0.2646
1,3,5-Trimethylbenzene	50.0	398994.000	2.154	100	812618.000	2.239	200	1606378.00	2.134
1,3-Dichlorobenzene	50.0	214866.000	1.160	100	435592.000	1.200	200	867696.000	1.153
1,3-Dichloropropane	50.0	123647.000	0.3447	100	258772.000	0.3485	200	516804.000	0.3347
1,4-Dichlorobenzene	50.0	214205.000	1.157	100	431856.000	1.190	200	869364.000	1.155
2,2-Dichloropropane	50.0	138301.000	0.2972	100	299757.000	0.3126	200	620763.000	0.3136
2-Butanone	50.0	29036.0000	0.06240	100	63500.0000	0.06620	200	127232.000	0.06430
2-Chloroethyl Vinyl Ether	50.0	47106.0000	0.1012	100	100779.000	0.1051	200	210180.000	0.1062
2-Chlorotoluene	50.0	350260.000	1.891	100	728708.000	2.008	200	1414128.00	1.879
2-Hexanone	50.0	44917.0000	0.1252	100	98192.0000	0.1322	200	196371.000	0.1272
4-Chlorotoluene	50.0	323493.000	1.747	100	636353.000	1.754	200	1257258.00	1.670
4-Methyl-2-Pentanone	50.0	28405.0000	0.06100	100	63722.0000	0.06650	200	127342.000	0.06430
Acetone	50.0	21458.0000	0.04610	100	43609.0000	0.04550	200	89638.0000	0.04530
Benzene	50.0	353003.000	0.7586	100	733663.000	0.7652	200	1456003.00	0.7354
Bromobenzene	50.0	109838.000	0.5930	100	226138.000	0.6232	200	437713.000	0.5815
Bromochloromethane	50.0	50350.0000	0.1082	100	107866.000	0.1125	200	215352.000	0.1088
Bromodichloromethane	50.0	112974.000	0.2428	100	240928.000	0.2513	200	494065.000	0.2496
Bromomethane	50.0	50381.0000	0.1083	100	102009.000	0.1064	200	200213.000	0.1011
Carbon Disulfide	50.0	286326.000	0.6153	100	597650.000	0.6233	200	1219483.00	0.6160
Carbon Tetrachloride	50.0	148432.000	0.3190	100	314931.000	0.3285	200	643157.000	0.3249

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INITIAL CALIBRATION DATA

00092014

Login Number: L0609540 **Instrument ID:** HPMS9

Analytical Method: 8260B **Initial Calibration Date:** 13-SEP-06 15:11

Column ID: F

Analyte	WG222144-02			WG222144-03			WG222144-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA	NA	2.00	2797.00000	0.1938
Dibromomethane	NA	NA	NA	NA	NA	NA	2.00	1937.00000	0.1031
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	1.00	907.000000	0.2381	2.00	2190.00000	0.2911
Isopropylbenzene	NA	NA	NA	1.00	6882.00000	0.9435	2.00	15691.0000	1.087
Methylene Chloride	NA	NA	NA	NA	NA	NA	2.00	6969.00000	0.3708
Naphthalene	NA	NA	NA	1.00	5459.00000	1.433	2.00	12143.0000	1.614
Styrene	NA	NA	NA	1.00	4270.00000	0.5854	2.00	9557.00000	0.6621
Tetrachloroethene	NA	NA	NA	1.00	1286.00000	0.1763	2.00	2635.00000	0.1826
Trichloroethene	NA	NA	NA	1.00	1731.00000	0.1822	2.00	4002.00000	0.2129
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	2.00	7007.00000	0.3728
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	1.00	1506.00000	0.1585	2.00	3436.00000	0.1828
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	2.00	4040.00000	0.2150
m-,p-Xylene	1.00	3979.00000	0.5123	2.00	7042.00000	0.4827	4.00	14157.0000	0.4904
n-Butylbenzene	NA	NA	NA	1.00	5905.00000	1.550	2.00	13130.0000	1.745
n-Propylbenzene	NA	NA	NA	1.00	8654.00000	2.272	2.00	18768.0000	2.494
o-Xylene	0.500	1217.00000	0.3134	1.00	2844.00000	0.3899	2.00	5976.00000	0.4140
p-Isopropyltoluene	NA	NA	NA	1.00	6772.00000	1.778	2.00	14492.0000	1.926
sec-Butylbenzene	NA	NA	NA	1.00	8160.00000	2.142	2.00	17818.0000	2.368
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	2.00	2795.00000	0.3715
trans-1,2-Dichloroethene	NA	NA	NA	1.00	1356.00000	0.1428	2.00	3526.00000	0.1876
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	2.00	3773.00000	0.2614

INITIAL CALIBRATION DATA

00092015

Login Number: L0609540 **Instrument ID:** HPMS9

Analytical Method: 8260B **Initial Calibration Date:** 13-SEP-06 15:11

Column ID: F

Analyte	WG222144-05			WG222144-06			WG222144-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	5.00	6278.00000	0.1350	10.0	12942.0000	0.1403	20.0	27272.0000	0.1478
Dibromochloromethane	5.00	6811.00000	0.1934	10.0	15747.0000	0.2230	20.0	33396.0000	0.2374
Dibromomethane	5.00	5073.00000	0.1091	10.0	10353.0000	0.1122	20.0	21195.0000	0.1149
Dichlorodifluoromethane	5.00	11289.0000	0.2427	10.0	23935.0000	0.2594	20.0	51797.0000	0.2808
Hexachlorobutadiene	5.00	4151.00000	0.2343	10.0	10443.0000	0.2865	20.0	20652.0000	0.2847
Isopropylbenzene	5.00	37691.0000	1.070	10.0	83632.0000	1.184	20.0	175267.000	1.246
Methylene Chloride	5.00	10597.0000	0.2279	10.0	19933.0000	0.2160	20.0	37834.0000	0.2051
Naphthalene	5.00	24812.0000	1.401	10.0	55129.0000	1.512	20.0	115685.000	1.595
Styrene	5.00	24212.0000	0.6876	10.0	53617.0000	0.7591	20.0	113278.000	0.8052
Tetrachloroethene	5.00	6782.00000	0.1926	10.0	15078.0000	0.2135	20.0	30628.0000	0.2177
Trichloroethene	5.00	9981.00000	0.2146	10.0	20607.0000	0.2233	20.0	42185.0000	0.2287
Trichlorofluoromethane	5.00	18968.0000	0.4079	10.0	39877.0000	0.4322	20.0	84287.0000	0.4569
Vinyl Acetate	5.00	9128.00000	0.1963	10.0	19290.0000	0.2090	20.0	41036.0000	0.2225
cis-1,2-Dichloroethene	5.00	8946.00000	0.1924	10.0	19334.0000	0.2095	20.0	38782.0000	0.2102
cis-1,3-Dichloropropene	5.00	10541.0000	0.2267	10.0	23751.0000	0.2574	20.0	50356.0000	0.2730
m-,p-Xylene	10.0	33455.0000	0.4750	20.0	71704.0000	0.5076	40.0	146912.000	0.5221
n-Butylbenzene	5.00	30624.0000	1.729	10.0	69106.0000	1.896	20.0	146038.000	2.013
n-Propylbenzene	5.00	44398.0000	2.506	10.0	98432.0000	2.700	20.0	207122.000	2.855
o-Xylene	5.00	15104.0000	0.4289	10.0	32742.0000	0.4636	20.0	68185.0000	0.4846
p-Isopropyltoluene	5.00	34920.0000	1.971	10.0	80934.0000	2.220	20.0	168532.000	2.323
sec-Butylbenzene	5.00	42360.0000	2.391	10.0	95717.0000	2.626	20.0	199864.000	2.755
tert-Butylbenzene	5.00	7135.00000	0.4028	10.0	15315.0000	0.4201	20.0	33090.0000	0.4562
trans-1,2-Dichloroethene	5.00	8261.00000	0.1776	10.0	18748.0000	0.2032	20.0	38955.0000	0.2112
trans-1,3-Dichloropropene	5.00	9361.00000	0.2658	10.0	21986.0000	0.3113	20.0	46440.0000	0.3301

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INITIAL CALIBRATION DATA

00092016

Login Number: L0609540 **Instrument ID:** HPMS9

Analytical Method: 8260B **Initial Calibration Date:** 13-SEP-06 15:11

Column ID: F

Analyte	WG222144-08			WG222144-09			WG222144-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	50.0	68915.0000	0.1481	100	143340.000	0.1495	200	293007.000	0.1480
Dibromochloromethane	50.0	90110.0000	0.2512	100	196263.000	0.2643	200	401541.000	0.2600
Dibromomethane	50.0	53643.0000	0.1153	100	113541.000	0.1184	200	225292.000	0.1138
Dichlorodifluoromethane	50.0	126309.000	0.2714	100	250040.000	0.2608	200	494111.000	0.2496
Hexachlorobutadiene	50.0	57152.0000	0.3086	100	115331.000	0.3178	200	243019.000	0.3228
Isopropylbenzene	50.0	465581.000	1.298	100	966727.000	1.302	200	1948811.00	1.262
Methylene Chloride	50.0	95580.0000	0.2054	100	199078.000	0.2076	200	393190.000	0.1986
Naphthalene	50.0	326651.000	1.764	100	653832.000	1.802	200	1378735.00	1.832
Styrene	50.0	300930.000	0.8390	100	630267.000	0.8487	200	1255981.00	0.8133
Tetrachloroethene	50.0	77822.0000	0.2170	100	160682.000	0.2164	200	322703.000	0.2090
Trichloroethene	50.0	108266.000	0.2327	100	227472.000	0.2372	200	461748.000	0.2332
Trichlorofluoromethane	50.0	214939.000	0.4619	100	436759.000	0.4555	200	880773.000	0.4449
Vinyl Acetate	50.0	114817.000	0.2468	100	238582.000	0.2488	200	503760.000	0.2545
cis-1,2-Dichloroethene	50.0	101473.000	0.2181	100	216235.000	0.2255	200	436736.000	0.2206
cis-1,3-Dichloropropene	50.0	133498.000	0.2869	100	291258.000	0.3038	200	593631.000	0.2998
m-,p-Xylene	100	373652.000	0.5208	200	772877.000	0.5204	400	1533522.00	0.4965
n-Butylbenzene	50.0	386494.000	2.087	100	781022.000	2.152	200	1586444.00	2.108
n-Propylbenzene	50.0	541436.000	2.923	100	1104237.00	3.043	200	2194467.00	2.915
o-Xylene	50.0	178781.000	0.4984	100	371882.000	0.5008	200	751098.000	0.4864
p-Isopropyltoluene	50.0	445716.000	2.407	100	905666.000	2.496	200	1820723.00	2.419
sec-Butylbenzene	50.0	522739.000	2.822	100	1073188.00	2.957	200	2152054.00	2.859
tert-Butylbenzene	50.0	85428.0000	0.4612	100	173541.000	0.4782	200	346394.000	0.4602
trans-1,2-Dichloroethene	50.0	99219.0000	0.2132	100	210627.000	0.2197	200	422968.000	0.2136
trans-1,3-Dichloropropene	50.0	125602.000	0.3502	100	272894.000	0.3675	200	548342.000	0.3551

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092017

Login Number:L0609540 Run Date:09/26/2006 Sample ID:WG223354-11
Instrument ID:HPMS10 Run Time:18:35 Method:8260B
File ID:10M49317 Analyst:MES
ICal Workgroup:WG223354 Cal ID:HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	20	21.4	0.543	6.8	ug/L	
1,1-Dichloroethene	CCC	20	22.1	0.280	10.4	ug/L	
1,2-Dichloropropane	CCC	20	22.3	0.267	11.5	ug/L	
Ethylbenzene	CCC	20	22.1	0.536	10.4	ug/L	
Toluene	CCC	20	21.5	1.50	7.4	ug/L	
Vinyl Chloride	CCC	20	19.6	0.188	1.8	ug/L	
Bromoform	SPCC	20	22.0	0.182	10	ug/L	
Chlorobenzene	SPCC	20	21.2	1.01	6	ug/L	
Chloromethane	SPCC	20	21.8	0.283	8.9	ug/L	
1,1-Dichloroethane	SPCC	20	21.8	0.549	8.9	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	20	22.5	0.417	12.5	ug/L	
Acetone		20	19.4	0.0355	3.1	ug/L	
Benzene		20	21.1	1.07	5.6	ug/L	
Bromobenzene		20	22.1	0.825	10.3	ug/L	
Bromochloromethane		20	22.8	0.144	14.2	ug/L	
Bromodichloromethane		20	22.3	0.366	11.6	ug/L	
Bromomethane		20	19.7	0.140	1.6	ug/L	
2-Butanone		20	21.8	0.0544	8.8	ug/L	
n-Butylbenzene		20	21.1	2.09	5.4	ug/L	
sec-Butylbenzene		20	22.2	2.95	10.9	ug/L	
tert-Butylbenzene		20	20.9	0.540	4.6	ug/L	
Carbon Disulfide		20	19.9	0.760	.4	ug/L	
Carbon Tetrachloride		20	22.3	0.466	11.7	ug/L	
Dibromochloromethane		20	20.1	0.325	.7	ug/L	
Chloroethane		20	20.4	0.198	2	ug/L	
2-Chloroethyl Vinyl Ether		20	21.2	0.0888	6.1	ug/L	
2-Chlorotoluene		20	21.6	2.41	8	ug/L	
4-Chlorotoluene		20	21.1	2.14	5.4	ug/L	
1,2-Dibromo-3-Chloropropane		20	18.9	0.0668	5.3	ug/L	
1,2-Dibromoethane		20	22.8	0.253	14	ug/L	
Dibromomethane		20	22.7	0.142	13.6	ug/L	
1,2-Dichlorobenzene		20	21.2	1.33	6.1	ug/L	
1,3-Dichlorobenzene		20	21.0	1.50	4.9	ug/L	
1,4-Dichlorobenzene		20	20.6	1.54	2.9	ug/L	
Dichlorodifluoromethane		20	19.3	0.350	3.5	ug/L	
1,2-Dichloroethane		20	21.7	0.373	8.3	ug/L	
cis-1,2-Dichloroethene		20	22.1	0.317	10.6	ug/L	
trans-1,2-Dichloroethene		20	21.8	0.301	9.2	ug/L	
1,3-Dichloropropane		20	22.6	0.453	12.9	ug/L	
2,2-Dichloropropane		20	21.2	0.485	6	ug/L	
cis-1,3-Dichloropropene		20	22.9	0.419	14.4	ug/L	
trans-1,3-Dichloropropene		20	21.1	0.464	5.5	ug/L	

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092018

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223354-11
Instrument ID: HPMS10 Run Time: 18:35 Method: 8260B
File ID: 10M49317 Analyst: MES
ICal Workgroup: WG223354 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		20	21.9	0.414	9.6	ug/L	
2-Hexanone		20	18.9	0.0934	5.5	ug/L	
Hexachlorobutadiene		20	22.5	0.390	12.5	ug/L	
Isopropylbenzene		20	20.4	1.41	1.9	ug/L	
p-Isopropyltoluene		20	20.7	2.47	3.6	ug/L	
4-Methyl-2-Pentanone		20	21.3	0.0462	6.5	ug/L	
Methylene Chloride		20	19.9	0.286	.3	ug/L	
Naphthalene		20	21.4	0.962	7.2	ug/L	
n-Propylbenzene		20	22.1	3.36	10.5	ug/L	
Styrene		20	20.5	1.01	2.5	ug/L	
1,1,1,2-Tetrachloroethane		20	22.8	0.404	13.8	ug/L	
Tetrachloroethene		20	21.7	0.358	8.3	ug/L	
1,2,3-Trichlorobenzene		20	21.5	0.639	7.7	ug/L	
1,2,4-Trichlorobenzene		20	21.3	0.811	6.7	ug/L	
1,1,1-Trichloroethane		20	22.1	0.514	10.5	ug/L	
1,1,2-Trichloroethane		20	22.6	0.250	13	ug/L	
Trichloroethene		20	22.3	0.322	11.3	ug/L	
Trichlorofluoromethane		20	18.2	0.548	9	ug/L	
1,2,3-Trichloropropane		20	21.9	0.149	9.6	ug/L	
1,2,4-Trimethylbenzene		20	21.8	2.46	8.8	ug/L	
1,3,5-Trimethylbenzene		20	22.6	2.43	13.1	ug/L	
Vinyl Acetate		20	6.62	0.133	66.9	ug/L	*
o-Xylene		20	22.5	0.616	12.7	ug/L	
m-,p-Xylene		40	44.0	0.645	9.9	ug/L	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092019

Login Number: L0609540 Run Date: 09/13/2006 Sample ID: WG222144-11

Instrument ID: HPMS9 Run Time: 18:41 Method: 8260B

File ID: 9M48539 Analyst: MES

ICal Workgroup: WG222144 Cal ID: HPMS9 - 13-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	20	21.5	0.370	7.7	ug/kg	
1,1-Dichloroethene	CCC	20	22.2	0.206	11.1	ug/kg	
1,2-Dichloropropane	CCC	20	22.2	0.183	11	ug/kg	
Ethylbenzene	CCC	20	22.4	0.442	11.8	ug/kg	
Toluene	CCC	20	22.0	1.11	10	ug/kg	
Vinyl Chloride	CCC	20	21.2	0.142	5.9	ug/kg	
Bromoform	SPCC	20	20.0	0.135	0	ug/kg	
Chlorobenzene	SPCC	20	21.5	0.793	7.4	ug/kg	
Chloromethane	SPCC	20	22.7	0.184	13.4	ug/kg	
1,1-Dichloroethane	SPCC	20	21.3	0.364	6.6	ug/kg	
1,1,2,2-Tetrachloroethane	SPCC	20	20.6	0.495	3.1	ug/kg	
Acetone		20	23.9	0.0584	19.5	ug/kg	
Benzene		20	22.0	0.792	9.8	ug/kg	
Bromobenzene		20	21.3	0.615	6.5	ug/kg	
Bromochloromethane		20	22.1	0.114	10.3	ug/kg	
Bromodichloromethane		20	22.5	0.252	12.4	ug/kg	
Bromomethane		20	21.7	0.115	8.7	ug/kg	
2-Butanone		20	22.8	0.0707	13.8	ug/kg	
n-Butylbenzene		20	22.7	2.17	13.7	ug/kg	
sec-Butylbenzene		20	22.2	2.90	10.9	ug/kg	
tert-Butylbenzene		20	21.3	0.463	6.4	ug/kg	
Carbon Disulfide		20	20.0	0.588	.1	ug/kg	
Carbon Tetrachloride		20	21.6	0.320	8.2	ug/kg	
Dibromochloromethane		20	21.4	0.249	7.2	ug/kg	
Chloroethane		20	21.5	0.156	7.5	ug/kg	
2-Chloroethyl Vinyl Ether		20	19.1	0.0910	4.7	ug/kg	
2-Chlorotoluene		20	22.2	2.04	11	ug/kg	
4-Chlorotoluene		20	21.2	1.73	5.9	ug/kg	
1,2-Dibromo-3-Chloropropane		20	19.8	0.0989	.8	ug/kg	
1,2-Dibromoethane		20	21.2	0.227	6.1	ug/kg	
Dibromomethane		20	21.8	0.123	9.1	ug/kg	
1,2-Dichlorobenzene		20	20.7	1.09	3.7	ug/kg	
1,3-Dichlorobenzene		20	21.2	1.21	6.2	ug/kg	
1,4-Dichlorobenzene		20	20.5	1.22	2.7	ug/kg	
Dichlorodifluoromethane		20	20.7	0.270	3.6	ug/kg	
1,2-Dichloroethane		20	21.1	0.280	5.6	ug/kg	
cis-1,2-Dichloroethene		20	22.0	0.222	10	ug/kg	
trans-1,2-Dichloroethene		20	22.0	0.216	10.1	ug/kg	
1,3-Dichloropropane		20	22.0	0.361	10.1	ug/kg	
2,2-Dichloropropane		20	20.9	0.296	4.4	ug/kg	
cis-1,3-Dichloropropene		20	21.4	0.284	6.9	ug/kg	
trans-1,3-Dichloropropene		20	19.4	0.310	3.1	ug/kg	

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ALTERNATE SOURCE CALIBRATION REPORT

00092020

Login Number: L0609540 Run Date: 09/13/2006 Sample ID: WG222144-11
Instrument ID: HPMS9 Run Time: 18:41 Method: 8260B
File ID: 9M48539 Analyst: MES
ICal Workgroup: WG222144 Cal ID: HPMS9 - 13-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		20	22.3	0.299	11.3	ug/kg	
2-Hexanone		20	19.7	0.116	1.7	ug/kg	
Hexachlorobutadiene		20	23.2	0.331	15.9	ug/kg	
Isopropylbenzene		20	20.5	1.20	2.6	ug/kg	
p-Isopropyltoluene		20	21.5	2.36	7.7	ug/kg	
4-Methyl-2-Pentanone		20	19.9	0.0587	.3	ug/kg	
Methylene Chloride		20	19.4	0.207	3	ug/kg	
Naphthalene		20	21.4	1.73	7	ug/kg	
n-Propylbenzene		20	21.7	2.94	8.3	ug/kg	
Styrene		20	22.4	0.841	12.2	ug/kg	
1,1,1,2-Tetrachloroethane		20	21.8	0.257	8.9	ug/kg	
Tetrachloroethene		20	22.7	0.231	13.5	ug/kg	
1,2,3-Trichlorobenzene		20	22.0	0.620	10.1	ug/kg	
1,2,4-Trichlorobenzene		20	21.2	0.673	5.8	ug/kg	
1,1,1-Trichloroethane		20	22.4	0.347	12	ug/kg	
1,1,2-Trichloroethane		20	22.4	0.211	12.2	ug/kg	
Trichloroethene		20	22.3	0.246	11.3	ug/kg	
Trichlorofluoromethane		20	19.5	0.423	2.4	ug/kg	
1,2,3-Trichloropropane		20	20.5	0.172	2.7	ug/kg	
1,2,4-Trimethylbenzene		20	21.5	2.26	7.6	ug/kg	
1,3,5-Trimethylbenzene		20	22.0	2.17	10.1	ug/kg	
Vinyl Acetate		20	13.7	0.158	31.4	ug/kg	*
o-Xylene		20	22.6	0.499	12.9	ug/kg	
m-,p-Xylene		40	43.8	0.552	9.6	ug/kg	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092021

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223777-02
Instrument ID: HPMS10 Run Time: 17:59 Method: 8260B
File ID: 10M49430 Analyst: MES
Workgroup (AAB#): WG223778 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	50.0	0.508	0	ug/L	
1,1-Dichloroethene	CCC	50.0	49.1	0.249	1.70	ug/L	
1,2-Dichloropropane	CCC	50.0	50.2	0.240	0.500	ug/L	
Ethylbenzene	CCC	50.0	50.7	0.492	1.30	ug/L	
Toluene	CCC	50.0	50.7	1.42	1.40	ug/L	
Vinyl Chloride	CCC	50.0	45.7	0.175	8.50	ug/L	
Bromoform	SPCC	50.0	52.6	0.174	5.10	ug/L	
Chlorobenzene	SPCC	50.0	49.2	0.935	1.50	ug/L	
Chloromethane	SPCC	50.0	47.3	0.246	5.40	ug/L	
1,1-Dichloroethane	SPCC	50.0	49.4	0.499	1.20	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	52.9	0.392	5.70	ug/L	
Acetone		50.0	58.4	0.0428	16.8	ug/L	
Benzene		50.0	47.5	0.961	5.00	ug/L	
Bromobenzene		50.0	51.6	0.773	3.20	ug/L	
Bromochloromethane		50.0	51.2	0.129	2.40	ug/L	
Bromodichloromethane		50.0	51.8	0.340	3.60	ug/L	
Bromomethane		50.0	43.1	0.123	13.9	ug/L	
2-Butanone		50.0	51.2	0.0512	2.50	ug/L	
n-Butylbenzene		50.0	55.1	2.19	10.2	ug/L	
sec-Butylbenzene		50.0	53.5	2.84	7.00	ug/L	
tert-Butylbenzene		50.0	51.6	0.532	3.20	ug/L	
Carbon Disulfide		50.0	49.6	0.756	0.900	ug/L	
Carbon Tetrachloride		50.0	52.6	0.439	5.30	ug/L	
Dibromochloromethane		50.0	47.2	0.304	5.50	ug/L	
Chloroethane		50.0	47.9	0.186	4.20	ug/L	
2-Chloroethyl Vinyl Ether		50.0	46.1	0.0772	7.90	ug/L	
2-Chlorotoluene		50.0	52.9	2.37	5.80	ug/L	
4-Chlorotoluene		50.0	51.8	2.11	3.60	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	49.8	0.0723	0.400	ug/L	
1,2-Dibromoethane		50.0	52.1	0.231	4.20	ug/L	
Dibromomethane		50.0	51.2	0.128	2.40	ug/L	
1,2-Dichlorobenzene		50.0	49.7	1.25	0.500	ug/L	
1,3-Dichlorobenzene		50.0	50.0	1.43	0.100	ug/L	
1,4-Dichlorobenzene		50.0	48.5	1.45	3.00	ug/L	
Dichlorodifluoromethane		50.0	48.8	0.355	2.30	ug/L	
1,2-Dichloroethane		50.0	50.1	0.345	0.100	ug/L	
cis-1,2-Dichloroethene		50.0	49.9	0.286	0.200	ug/L	
trans-1,2-Dichloroethene		50.0	49.9	0.275	0.300	ug/L	
1,3-Dichloropropane		50.0	50.3	0.403	0.500	ug/L	
2,2-Dichloropropane		50.0	50.3	0.460	0.500	ug/L	
cis-1,3-Dichloropropene		50.0	52.3	0.383	4.50	ug/L	
trans-1,3-Dichloropropene		50.0	54.1	0.476	8.20	ug/L	

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092022

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223777-02
Instrument ID: HPMS10 Run Time: 17:59 Method: 8260B
File ID: 10M49430 Analyst: MES
Workgroup (AAB#): WG223778 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	49.1	0.371	1.80	ug/L	
2-Hexanone		50.0	54.9	0.109	9.80	ug/L	
Hexachlorobutadiene		50.0	50.2	0.348	0.400	ug/L	
Isopropylbenzene		50.0	52.6	1.46	5.30	ug/L	
p-Isopropyltoluene		50.0	52.8	2.51	5.60	ug/L	
4-Methyl-2-Pentanone		50.0	49.5	0.0429	1.10	ug/L	
Methylene Chloride		50.0	44.3	0.254	11.5	ug/L	
Naphthalene		50.0	61.7	1.11	23.3	ug/L	
n-Propylbenzene		50.0	54.4	3.31	8.80	ug/L	
Styrene		50.0	48.7	0.963	2.60	ug/L	
1,1,1,2-Tetrachloroethane		50.0	52.5	0.373	5.00	ug/L	
Tetrachloroethene		50.0	49.6	0.328	0.800	ug/L	
1,2,3-Trichlorobenzene		50.0	50.9	0.605	1.90	ug/L	
1,2,4-Trichlorobenzene		50.0	54.0	0.821	8.00	ug/L	
1,1,1-Trichloroethane		50.0	51.3	0.478	2.70	ug/L	
1,1,2-Trichloroethane		50.0	50.4	0.223	0.800	ug/L	
Trichloroethene		50.0	49.3	0.285	1.40	ug/L	
Trichlorofluoromethane		50.0	48.8	0.564	2.40	ug/L	
1,2,3-Trichloropropane		50.0	50.3	0.136	0.500	ug/L	
1,2,4-Trimethylbenzene		50.0	54.1	2.45	8.30	ug/L	
1,3,5-Trimethylbenzene		50.0	54.8	2.36	9.70	ug/L	
Vinyl Acetate		50.0	40.3	0.323	19.5	ug/L	
o-Xylene		50.0	52.2	0.571	4.40	ug/L	
m-,p-Xylene		100	102	0.598	1.80	ug/L	
Xylenes		150	154	0.584	2.60	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 592379
Report generated 10/11/2006 08:02

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092023

Login Number: L0609540 Run Date: 09/30/2006 Sample ID: WG223797-02
Instrument ID: HPMS10 Run Time: 12:39 Method: 8260B
File ID: 10M49462 Analyst: MES
Workgroup (AAB#): WG223798 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	46.8	0.476	6.40	ug/L	
1,1-Dichloroethene	CCC	50.0	49.3	0.250	1.40	ug/L	
1,2-Dichloropropane	CCC	50.0	49.8	0.239	0.300	ug/L	
Ethylbenzene	CCC	50.0	50.2	0.488	0.400	ug/L	
Toluene	CCC	50.0	49.0	1.37	2.00	ug/L	
Vinyl Chloride	CCC	50.0	40.5	0.154	19.1	ug/L	
Bromoform	SPCC	50.0	55.9	0.185	11.8	ug/L	
Chlorobenzene	SPCC	50.0	49.1	0.932	1.80	ug/L	
Chloromethane	SPCC	50.0	50.4	0.262	0.700	ug/L	
1,1-Dichloroethane	SPCC	50.0	47.3	0.477	5.40	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	54.6	0.405	9.20	ug/L	
Acetone		50.0	55.0	0.0403	10.0	ug/L	
Benzene		50.0	46.8	0.948	6.30	ug/L	
Bromobenzene		50.0	51.0	0.764	2.00	ug/L	
Bromochloromethane		50.0	51.8	0.131	3.70	ug/L	
Bromodichloromethane		50.0	48.7	0.319	2.60	ug/L	
Bromomethane		50.0	33.3	0.0949	33.4	ug/L	
2-Butanone		50.0	55.6	0.0556	11.3	ug/L	
n-Butylbenzene		50.0	48.9	1.94	2.20	ug/L	
sec-Butylbenzene		50.0	51.5	2.74	3.00	ug/L	
tert-Butylbenzene		50.0	50.2	0.518	0.300	ug/L	
Carbon Disulfide		50.0	47.9	0.732	4.10	ug/L	
Carbon Tetrachloride		50.0	49.2	0.410	1.70	ug/L	
Dibromochloromethane		50.0	48.4	0.312	3.10	ug/L	
Chloroethane		50.0	47.4	0.184	5.10	ug/L	
2-Chloroethyl Vinyl Ether		50.0	39.0	0.0652	22.1	ug/L	
2-Chlorotoluene		50.0	47.3	2.12	5.30	ug/L	
4-Chlorotoluene		50.0	49.6	2.02	0.900	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	54.9	0.0800	9.90	ug/L	
1,2-Dibromoethane		50.0	55.1	0.245	10.2	ug/L	
Dibromomethane		50.0	51.8	0.129	3.50	ug/L	
1,2-Dichlorobenzene		50.0	49.0	1.23	2.00	ug/L	
1,3-Dichlorobenzene		50.0	49.0	1.40	2.10	ug/L	
1,4-Dichlorobenzene		50.0	47.4	1.42	5.20	ug/L	
Dichlorodifluoromethane		50.0	43.5	0.316	13.0	ug/L	
1,2-Dichloroethane		50.0	46.2	0.319	7.60	ug/L	
cis-1,2-Dichloroethene		50.0	49.7	0.285	0.500	ug/L	
trans-1,2-Dichloroethene		50.0	50.1	0.276	0.100	ug/L	
1,3-Dichloropropane		50.0	50.9	0.408	1.70	ug/L	
2,2-Dichloropropane		50.0	46.7	0.428	6.60	ug/L	
cis-1,3-Dichloropropene		50.0	52.6	0.385	5.20	ug/L	
trans-1,3-Dichloropropene		50.0	52.4	0.461	4.90	ug/L	

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092024

Login Number: L0609540 Run Date: 09/30/2006 Sample ID: WG223797-02
Instrument ID: HPMS10 Run Time: 12:39 Method: 8260B
File ID: 10M49462 Analyst: MES
Workgroup (AAB#): WG223798 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	48.0	0.363	3.90	ug/L	
2-Hexanone		50.0	58.1	0.115	16.1	ug/L	
Hexachlorobutadiene		50.0	48.0	0.333	4.10	ug/L	
Isopropylbenzene		50.0	52.4	1.45	4.80	ug/L	
p-Isopropyltoluene		50.0	50.4	2.40	0.800	ug/L	
4-Methyl-2-Pentanone		50.0	56.0	0.0486	12.0	ug/L	
Methylene Chloride		50.0	51.0	0.292	1.90	ug/L	
Naphthalene		50.0	57.0	1.02	13.9	ug/L	
n-Propylbenzene		50.0	51.0	3.10	2.00	ug/L	
Styrene		50.0	49.0	0.970	1.90	ug/L	
1,1,1,2-Tetrachloroethane		50.0	51.8	0.368	3.70	ug/L	
Tetrachloroethene		50.0	50.4	0.333	0.700	ug/L	
1,2,3-Trichlorobenzene		50.0	52.7	0.626	5.40	ug/L	
1,2,4-Trichlorobenzene		50.0	52.6	0.799	5.10	ug/L	
1,1,1-Trichloroethane		50.0	47.8	0.445	4.40	ug/L	
1,1,2-Trichloroethane		50.0	52.0	0.230	4.10	ug/L	
Trichloroethene		50.0	50.7	0.294	1.40	ug/L	
Trichlorofluoromethane		50.0	44.7	0.520	10.7	ug/L	
1,2,3-Trichloropropane		50.0	51.7	0.140	3.40	ug/L	
1,2,4-Trimethylbenzene		50.0	50.6	2.29	1.20	ug/L	
1,3,5-Trimethylbenzene		50.0	52.0	2.23	3.90	ug/L	
Vinyl Acetate		50.0	41.1	0.330	17.7	ug/L	
o-Xylene		50.0	52.5	0.575	5.00	ug/L	
m-,p-Xylene		100	101	0.593	0.900	ug/L	
Xylenes		150	153	0.584	2.30	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092025

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223574-02
Instrument ID: HPMS9 Run Time: 08:54 Method: 8260B
File ID: 9M48987 Analyst: MES
Workgroup (AAB#): WG223575 Cal ID: HPMS9 - 13-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	48.4	0.332	3.30	ug/kg	
1,1-Dichloroethene	CCC	50.0	49.0	0.182	2.00	ug/kg	
1,2-Dichloropropane	CCC	50.0	51.3	0.169	2.60	ug/kg	
Ethylbenzene	CCC	50.0	46.1	0.365	7.80	ug/kg	
Toluene	CCC	50.0	46.1	0.933	7.70	ug/kg	
Vinyl Chloride	CCC	50.0	54.7	0.147	9.50	ug/kg	
Bromoform	SPCC	50.0	50.5	0.136	1.10	ug/kg	
Chlorobenzene	SPCC	50.0	44.9	0.664	10.2	ug/kg	
Chloromethane	SPCC	50.0	57.9	0.188	15.8	ug/kg	
1,1-Dichloroethane	SPCC	50.0	49.9	0.340	0.200	ug/kg	
1,1,2,2-Tetrachloroethane	SPCC	50.0	48.2	0.462	3.70	ug/kg	
Acetone		50.0	59.7	0.0554	19.4	ug/kg	
Benzene		50.0	49.0	0.707	2.10	ug/kg	
Bromobenzene		50.0	45.3	0.523	9.40	ug/kg	
Bromochloromethane		50.0	48.4	0.100	3.20	ug/kg	
Bromodichloromethane		50.0	50.3	0.226	0.500	ug/kg	
Bromomethane		50.0	51.5	0.109	2.90	ug/kg	
2-Butanone		50.0	63.3	0.0785	26.6	ug/kg	
n-Butylbenzene		50.0	48.0	1.83	4.00	ug/kg	
sec-Butylbenzene		50.0	47.0	2.46	6.00	ug/kg	
tert-Butylbenzene		50.0	45.7	0.398	8.60	ug/kg	
Carbon Disulfide		50.0	48.2	0.567	3.60	ug/kg	
Carbon Tetrachloride		50.0	49.1	0.290	1.80	ug/kg	
Dibromochloromethane		50.0	48.5	0.225	3.10	ug/kg	
Chloroethane		50.0	56.4	0.163	12.7	ug/kg	
2-Chloroethyl Vinyl Ether		50.0	50.8	0.0970	1.50	ug/kg	
2-Chlorotoluene		50.0	46.1	1.70	7.80	ug/kg	
4-Chlorotoluene		50.0	46.6	1.52	6.90	ug/kg	
1,2-Dibromo-3-Chloropropane		50.0	45.8	0.106	8.50	ug/kg	
1,2-Dibromoethane		50.0	46.9	0.200	6.20	ug/kg	
Dibromomethane		50.0	47.7	0.107	4.70	ug/kg	
1,2-Dichlorobenzene		50.0	44.1	0.927	11.8	ug/kg	
1,3-Dichlorobenzene		50.0	44.2	1.01	11.6	ug/kg	
1,4-Dichlorobenzene		50.0	42.4	1.01	15.1	ug/kg	
Dichlorodifluoromethane		50.0	56.5	0.295	13.0	ug/kg	
1,2-Dichloroethane		50.0	49.3	0.262	1.40	ug/kg	
cis-1,2-Dichloroethene		50.0	49.4	0.200	1.30	ug/kg	
trans-1,2-Dichloroethene		50.0	49.7	0.195	0.700	ug/kg	
1,3-Dichloropropane		50.0	47.0	0.308	6.00	ug/kg	
2,2-Dichloropropane		50.0	50.3	0.285	0.600	ug/kg	
cis-1,3-Dichloropropene		50.0	51.0	0.272	2.10	ug/kg	
trans-1,3-Dichloropropene		50.0	50.0	0.320	0.100	ug/kg	

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092026

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223574-02
Instrument ID: HPMS9 Run Time: 08:54 Method: 8260B
File ID: 9M48987 Analyst: MES
Workgroup (AAB#): WG223575 Cal ID: HPMS9 - 13-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	48.7	0.262	2.50	ug/kg	
2-Hexanone		50.0	64.0	0.152	28.1	ug/kg	
Hexachlorobutadiene		50.0	47.1	0.269	5.70	ug/kg	
Isopropylbenzene		50.0	47.8	1.12	4.40	ug/kg	
p-Isopropyltoluene		50.0	47.4	2.08	5.30	ug/kg	
4-Methyl-2-Pentanone		50.0	55.9	0.0705	11.7	ug/kg	
Methylene Chloride		50.0	45.5	0.187	9.00	ug/kg	
Naphthalene		50.0	50.5	1.63	1.00	ug/kg	
n-Propylbenzene		50.0	47.5	2.58	4.90	ug/kg	
Styrene		50.0	48.5	0.728	3.00	ug/kg	
1,1,1,2-Tetrachloroethane		50.0	49.1	0.232	1.80	ug/kg	
Tetrachloroethene		50.0	45.8	0.186	8.50	ug/kg	
1,2,3-Trichlorobenzene		50.0	48.7	0.549	2.60	ug/kg	
1,2,4-Trichlorobenzene		50.0	47.3	0.602	5.40	ug/kg	
1,1,1-Trichloroethane		50.0	50.4	0.312	0.900	ug/kg	
1,1,2-Trichloroethane		50.0	47.5	0.179	5.00	ug/kg	
Trichloroethene		50.0	47.7	0.210	4.70	ug/kg	
Trichlorofluoromethane		50.0	51.1	0.443	2.20	ug/kg	
1,2,3-Trichloropropane		50.0	48.8	0.163	2.50	ug/kg	
1,2,4-Trimethylbenzene		50.0	45.4	1.90	9.20	ug/kg	
1,3,5-Trimethylbenzene		50.0	47.7	1.88	4.60	ug/kg	
Vinyl Acetate		50.0	75.3	0.346	50.6	ug/kg	*
o-Xylene		50.0	48.7	0.430	2.70	ug/kg	
m-,p-Xylene		100	89.7	0.451	10.3	ug/kg	
Xylenes		150	138	0.441	7.70	ug/kg	
1,2-Dichloroethene		100	99.0	0.197	1.00	ug/kg	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092027

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223696-02
Instrument ID: HPMS9 Run Time: 08:50 Method: 8260B
File ID: 9M49020 Analyst: MES
Workgroup (AAB#): WG223697 Cal ID: HPMS9 - 13-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	48.3	0.331	3.50	ug/kg	
1,1-Dichloroethene	CCC	50.0	48.9	0.181	2.20	ug/kg	
1,2-Dichloropropane	CCC	50.0	50.3	0.166	0.600	ug/kg	
Ethylbenzene	CCC	50.0	47.8	0.378	4.40	ug/kg	
Toluene	CCC	50.0	48.6	0.983	2.80	ug/kg	
Vinyl Chloride	CCC	50.0	56.8	0.153	13.5	ug/kg	
Bromoform	SPCC	50.0	50.1	0.135	0.300	ug/kg	
Chlorobenzene	SPCC	50.0	46.5	0.686	7.10	ug/kg	
Chloromethane	SPCC	50.0	61.9	0.201	23.7	ug/kg	
1,1-Dichloroethane	SPCC	50.0	50.1	0.342	0.100	ug/kg	
1,1,2,2-Tetrachloroethane	SPCC	50.0	48.7	0.468	2.60	ug/kg	
Acetone		50.0	55.8	0.0519	11.6	ug/kg	
Benzene		50.0	48.8	0.705	2.30	ug/kg	
Bromobenzene		50.0	47.2	0.545	5.60	ug/kg	
Bromochloromethane		50.0	47.1	0.0977	5.80	ug/kg	
Bromodichloromethane		50.0	49.5	0.222	1.00	ug/kg	
Bromomethane		50.0	52.8	0.112	5.50	ug/kg	
2-Butanone		50.0	56.4	0.0700	12.7	ug/kg	
n-Butylbenzene		50.0	51.3	1.96	2.60	ug/kg	
sec-Butylbenzene		50.0	49.9	2.61	0.200	ug/kg	
tert-Butylbenzene		50.0	48.5	0.422	3.10	ug/kg	
Carbon Disulfide		50.0	48.4	0.569	3.20	ug/kg	
Carbon Tetrachloride		50.0	49.3	0.292	1.40	ug/kg	
Dibromochloromethane		50.0	48.9	0.227	2.10	ug/kg	
Chloroethane		50.0	56.7	0.164	13.5	ug/kg	
2-Chloroethyl Vinyl Ether		50.0	49.7	0.0950	0.600	ug/kg	
2-Chlorotoluene		50.0	48.7	1.79	2.50	ug/kg	
4-Chlorotoluene		50.0	50.2	1.64	0.500	ug/kg	
1,2-Dibromo-3-Chloropropane		50.0	44.4	0.102	11.1	ug/kg	
1,2-Dibromoethane		50.0	48.3	0.206	3.40	ug/kg	
Dibromomethane		50.0	46.0	0.103	8.00	ug/kg	
1,2-Dichlorobenzene		50.0	45.7	0.960	8.70	ug/kg	
1,3-Dichlorobenzene		50.0	46.2	1.05	7.70	ug/kg	
1,4-Dichlorobenzene		50.0	43.9	1.04	12.3	ug/kg	
Dichlorodifluoromethane		50.0	57.7	0.301	15.3	ug/kg	
1,2-Dichloroethane		50.0	48.8	0.259	2.50	ug/kg	
cis-1,2-Dichloroethene		50.0	49.2	0.199	1.70	ug/kg	
trans-1,2-Dichloroethene		50.0	50.3	0.198	0.700	ug/kg	
1,3-Dichloropropane		50.0	48.2	0.316	3.50	ug/kg	
2,2-Dichloropropane		50.0	49.8	0.282	0.400	ug/kg	
cis-1,3-Dichloropropene		50.0	49.9	0.266	0.100	ug/kg	
trans-1,3-Dichloropropene		50.0	51.4	0.329	2.80	ug/kg	

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092028

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223696-02
Instrument ID: HPMS9 Run Time: 08:50 Method: 8260B
File ID: 9M49020 Analyst: MES
Workgroup (AAB#): WG223697 Cal ID: HPMS9 - 13-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	48.9	0.263	2.30	ug/kg	
2-Hexanone		50.0	58.0	0.137	15.9	ug/kg	
Hexachlorobutadiene		50.0	49.1	0.280	1.80	ug/kg	
Isopropylbenzene		50.0	49.6	1.16	0.800	ug/kg	
p-Isopropyltoluene		50.0	50.0	2.19	0	ug/kg	
4-Methyl-2-Pentanone		50.0	48.7	0.0612	2.50	ug/kg	
Methylene Chloride		50.0	44.8	0.184	10.4	ug/kg	
Naphthalene		50.0	49.1	1.59	1.90	ug/kg	
n-Propylbenzene		50.0	50.5	2.74	1.00	ug/kg	
Styrene		50.0	49.9	0.749	0.200	ug/kg	
1,1,1,2-Tetrachloroethane		50.0	50.0	0.237	0.100	ug/kg	
Tetrachloroethene		50.0	48.4	0.197	3.20	ug/kg	
1,2,3-Trichlorobenzene		50.0	48.3	0.544	3.40	ug/kg	
1,2,4-Trichlorobenzene		50.0	47.1	0.600	5.70	ug/kg	
1,1,1-Trichloroethane		50.0	50.9	0.315	1.80	ug/kg	
1,1,2-Trichloroethane		50.0	49.0	0.185	2.00	ug/kg	
Trichloroethene		50.0	47.2	0.208	5.50	ug/kg	
Trichlorofluoromethane		50.0	51.8	0.449	3.70	ug/kg	
1,2,3-Trichloropropane		50.0	49.2	0.165	1.50	ug/kg	
1,2,4-Trimethylbenzene		50.0	48.2	2.02	3.50	ug/kg	
1,3,5-Trimethylbenzene		50.0	50.5	1.99	1.00	ug/kg	
Vinyl Acetate		50.0	72.5	0.333	45.0	ug/kg	*
o-Xylene		50.0	50.2	0.444	0.300	ug/kg	
m-,p-Xylene		100	93.2	0.469	6.80	ug/kg	
Xylenes		150	143	0.456	4.40	ug/kg	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092029

Login Number:L0609540
Instrument ID:HPMS10
Workgroup (AAB#):WG223778

CCV Number:WG223777-02
CAL ID: HPMS10-26-SEP-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223777-02	NA	NA	261548	500850	706708
Upper Limit	NA	NA	523096	1001700	1413416
Lower Limit	NA	NA	130774	250425	353354
L0609540-27	1.00	01	217347	397825	521589
L0609540-28	1.00	01	233582	448445	654451
WG223778-01	1.00	01	245209	469997	685278
WG223778-02	1.00	01	259457	482963	690046

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592380
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KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092030

Login Number: L0609540
Instrument ID: HPMS10
Workgroup (AAB#): WG223798

CCV Number: WG223797-02
CAL ID: HPMS10-26-SEP-06
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223797-02	NA	NA	312824	582414	805646
Upper Limit	NA	NA	625648	1164828	1611292
Lower Limit	NA	NA	156412	291207	402823
L0609540-27	50000	DL01	249682	485862	688886
WG223798-01	1.00	01	289365	547210	777701
WG223798-02	1.00	01	296530	554234	778361

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592380
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092031

Login Number:L0609540
Instrument ID:HPMS9
Workgroup (AAB#):WG223575

CCV Number:WG223574-02
CAL ID: HPMS9-13-SEP-06
Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223574-02	NA	NA	205044	400688	496820
Upper Limit	NA	NA	410088	801376	993640
Lower Limit	NA	NA	102522	200344	248410
L0609540-01	1.00	01	133577	273073	371774
L0609540-02	1.00	01	131706	271711	372000
L0609540-03	1.00	01	128240	270581	369484
L0609540-04	1.00	01	144053	285886	382322
L0609540-05	1.00	01	103834	244384	346180
L0609540-07	1.00	01	115959	249456	345726
L0609540-09	1.00	01	119893	252295	347004
L0609540-11	1.00	01	132610	265886	355000
L0609540-13	1.00	01	161868	328195	442740
L0609540-14	1.00	01	172984	346016	457518
L0609540-15	1.00	01	160402	321145	428531
L0609540-16	1.00	01	134455	266228	350954
WG223575-01	1.00	01	198334	386403	483552
WG223575-02	1.00	01	193850	378464	468463

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592391
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092032

Login Number:L0609540
Instrument ID:HPMS9
Workgroup (AAB#):WG223697

CCV Number:WG223696-02
CAL ID: HPMS9-13-SEP-06
Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223696-02	NA	NA	187915	377242	496158
Upper Limit	NA	NA	375830	754484	992316
Lower Limit	NA	NA	93958	188621	248079
L0609540-18	1.00	01	176707	350638	456213
L0609540-20	1.00	01	153649	315030	423742
L0609540-22	1.00	01	161940	320835	422146
L0609540-24	1.00	01	139454	295037	400462
L0609540-26	1.00	01	139290	284267	383726
WG223697-01	1.00	01	181658	363335	489502
WG223697-02	1.00	01	186556	362732	479218

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592391
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092033

Login Number: L0609540 **CCV Number:** WG223777-02
Instrument ID: HPMS10 **CAL ID:** HPMS10-26-SEP-06
Workgroup (AAB#): WG223778 **Matrix:** WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223777-02	NA	NA	15.52	12.54	8.7
Upper Limit	NA	NA	16.02	13.04	9.2
Lower Limit	NA	NA	15.02	12.04	8.2
L0609540-27	1.00	01	15.52	12.55	8.77
L0609540-28	1.00	01	15.52	12.54	8.71
WG223778-01	1.00	01	15.52	12.55	8.71
WG223778-02	1.00	01	15.51	12.55	8.71

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592382
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092034

Login Number: L0609540 **CCV Number:** WG223797-02
Instrument ID: HPMS10 **CAL ID:** HPMS10-26-SEP-06
Workgroup (AAB#): WG223798 **Matrix:** WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223797-02	NA	NA	15.51	12.55	8.71
Upper Limit	NA	NA	16.01	13.05	9.21
Lower Limit	NA	NA	15.01	12.05	8.21
L0609540-27	50000	DL01	15.52	12.55	8.71
WG223798-01	1.00	01	15.52	12.55	8.71
WG223798-02	1.00	01	15.51	12.54	8.71

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592382
Report generated 10/11/2006 08:02

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092035

Login Number:L0609540
Instrument ID:HPMS9
Workgroup (AAB#):WG223575

CCV Number:WG223574-02
CAL ID: HPMS9-13-SEP-06
Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223574-02	NA	NA	15.34	12.36	8.51
Upper Limit	NA	NA	15.84	12.86	9.01
Lower Limit	NA	NA	14.84	11.86	8.01
L0609540-01	1.00	01	15.34	12.36	8.52
L0609540-02	1.00	01	15.33	12.36	8.52
L0609540-03	1.00	01	15.34	12.36	8.52
L0609540-04	1.00	01	15.34	12.36	8.52
L0609540-05	1.00	01	15.33	12.36	8.52
L0609540-07	1.00	01	15.33	12.36	8.52
L0609540-09	1.00	01	15.33	12.36	8.52
L0609540-11	1.00	01	15.34	12.36	8.52
L0609540-13	1.00	01	15.34	12.36	8.51
L0609540-14	1.00	01	15.34	12.36	8.51
L0609540-15	1.00	01	15.34	12.36	8.52
L0609540-16	1.00	01	15.34	12.36	8.52
WG223575-01	1.00	01	15.34	12.36	8.51
WG223575-02	1.00	01	15.34	12.36	8.51

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592393
Report generated 10/11/2006 08:03

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number: L0609540 **CCV Number:** WG223696-02
Instrument ID: HPMS9 **CAL ID:** HPMS9-13-SEP-06
Workgroup (AAB#): WG223697 **Matrix:** SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223696-02	NA	NA	15.33	12.36	8.51
Upper Limit	NA	NA	15.83	12.86	9.01
Lower Limit	NA	NA	14.83	11.86	8.01
L0609540-18	1.00	01	15.34	12.36	8.51
L0609540-20	1.00	01	15.34	12.36	8.51
L0609540-22	1.00	01	15.34	12.36	8.51
L0609540-24	1.00	01	15.34	12.36	8.51
L0609540-26	1.00	01	15.34	12.36	8.51
WG223697-01	1.00	01	15.33	12.36	8.52
WG223697-02	1.00	01	15.34	12.36	8.51

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592393
Report generated 10/11/2006 08:03

00092037

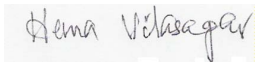
KEMRON Environmental Services
Data Checklist

Date: 25-SEP-2006
Analyst: MDC
Analyst: ALT
Method: 8270
Instrument: HPMS5
Curve Workgroup: NA
Runlog ID: 12474
Analytical Workgroups: L0609297, L0609361, L0609574

System Performance Check:	X
DFTPP	X
Endrin/DDT Breakdown	X
Initial Calibration:	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	X
Blanks:	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample):	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples:	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	NA
Dilutions Run	X
Reruns	NA
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	ALT
Secondary Reviewer	HAV
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X
Comments:	
L0609214-01 RE and L0609436-01 need rerun, not reported	
L0609574-01 sent for re-extraction	

Primary Reviewer:
27-SEP-2006

Secondary Reviewer:
27-SEP-2006



Generated: SEP-27-2006 13:04:31

00092038

KEMRON Environmental Services
Data Checklist

Date: 28-SEP-2006
Analyst: ALT
Analyst: NA
Method: 8270
Instrument: HPMS5
Curve Workgroup: NA
Runlog ID: 12565
Analytical Workgroups: QC FOR WG223812, WG223813, WG223820 AND WG223821

System Performance Check:	X
DFTPP	X
Endrin/DDT Breakdown	X
Initial Calibration:	NA
Average RF	NA
Linear Reg or Higher Order Curve	NA
Second Source standard % Difference	NA
Continuing Calibration /Check Standards:	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks:	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample):	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples:	NA
TCL Hits	NA
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Library Searches	NA
Calculations & Correct Factors	NA
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Case Narrative	NA
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	ALT
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the reasonableness of the results	X
Comments:	
All samples associated with QC need rerun and were not reported	

Primary Reviewer:
02-OCT-2006

Secondary Reviewer:
02-OCT-2006

Generated: OCT-02-2006 14:21:38

00092039

KEMRON Environmental Services
Data Checklist

Date: 05-OCT-2006
Analyst: ALT
Analyst: NA
Method: 8270
Instrument: HPMS5
Curve Workgroup: NA
Runlog ID: 12660
Analytical Workgroups: L0609407, L0609499, L0609500

System Performance Check:	X
DFTPP	X
Endrin/DDT Breakdown	X
Initial Calibration:	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards:	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks:	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample):	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples:	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	NA
Dilutions Run	X
Reruns	NA
Manual Integrations	X
Case Narrative	NA
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	ALT
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the reasonableness of the results	X
Comments:	
L0609407-16 sent for re-extraction (out of holding time)	

Primary Reviewer:
06-OCT-2006

Secondary Reviewer:
06-OCT-2006

Generated: OCT-06-2006 12:01:31

KEMRON Environmental Services
Data Checklist

00092040

Date: 09-OCT-2006
Analyst: ALT
Analyst: NA
Method: 8270
Instrument: HPMS5
Curve Workgroup: NA
Runlog ID: 12720
Analytical Workgroups: L0609513, L0609540, L0609560, L0609581

System Performance Check:	X
DFTPP	X
Endrin/DDT Breakdown	X
Initial Calibration:	NA
Average RF	NA
Linear Reg or Higher Order Curve	NA
Second Source standard % Difference	NA
Continuing Calibration /Check Standards:	X
Project/Client Specific Requirements	X
Special Standards	X
Blanks:	NA
TCL's	NA
Surrogates	NA
LCS (Laboratory Control Sample):	NA
Recoveries	NA
Surrogates	NA
MS/MSD/Duplicates	X
Samples:	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	NA
Dilutions Run	X
Reruns	NA
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	ALT
Secondary Reviewer	LSB
Check for compliance with method and project specific requirements	
Check the completeness of reported information	X
Check the information for the report narrative	
Check the reasonableness of the results	X
Comments:	

Primary Reviewer:
10-OCT-2006

Secondary Reviewer:
10-OCT-2006

Generated: OCT-10-2006 13:02:39

KEMRON Environmental Services

Instrument Run Log

00092041

Instrument: HPMS5 Dataset: 092506

Analyst1: MDC Analyst2: ALT

Method: 8270C SOP: MSS01 Rev: 14

Method: 625 SOP: MSS02 Rev: 8

Maintenance Log ID: 15847

Column 1 ID: RXI-5MS Column 2 ID: NA

Workgroups: WG222563, WG223400, WG223401

Internal STD: STD13351 Surrogate STD: NA Calibration STD

Comments: 5M42553~5M42557 - all needs rerun, not reported

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	5M42529	WG223227-01 50PPM DFTPP	1	1	STD15094	09/25/06 09:09
2	5M42530	WG223227-02 50PPM BNA STD	1	1	STD15238	09/25/06 09:27
3	5M42531	WG223227-03 3PPM BNA STD	1	1	STD15238	09/25/06 10:01
4	5M42532	WG223227-04 15PPM BNA STD	1	1	STD15238	09/25/06 10:35
5	5M42533	WG223227-05 25PPM BNA STD	1	1	STD15238	09/25/06 11:09
6	5M42534	WG223227-06 80PPM BNA STD	1	1	STD15238	09/25/06 11:42
7	5M42535	WG223227-07 100PPM BNA STD	1	1	STD15238	09/25/06 12:16
8	5M42536	WG223227-08 120PPM BNA STD	1	1	STD15238	09/25/06 12:49
9	5M42537	WG223227-04 15PPM BNA STD RR	1	1	STD15238	09/25/06 13:22
10	5M42538	WG223227-09 50PPM Alt source BNA STD	1	1	STD12496	09/25/06 13:55
11	5M42539	50PPM TCL STD	1	1	STD12739	09/25/06 14:30
12	5M42540	3PPM TCL STD	1	1	STD12739	09/25/06 15:03
13	5M42541	15PPM TCL STD	1	1	STD12739	09/25/06 15:36
14	5M42542	25PPM TCL STD	1	1	STD12739	09/25/06 16:09
15	5M42543	80PPM TCL STD	1	1	STD12739	09/25/06 16:42
16	5M42544	100PPM TCL STD	1	1	STD12739	09/25/06 17:15
17	5M42545	50PPM Alt source TCL STD	1	1	STD13578	09/25/06 17:48
18	5M42546	WG222526-02 BLK 9/18 EP269P23	7	1	SOIL	09/25/06 18:22
19	5M42547	WG222526-03 LCS 9/18 EP269P23	7	1	SOIL	09/25/06 18:56
20	5M42548	WG223196-03 BLK 9/25 EP266P163	1	1		09/25/06 19:30
21	5M42549	WG223196-02 LCS 9/25 EP266P163	1	1		09/25/06 20:03
22	5M42550	WG222742-01 BLK 9/19 EP269P39	7	1	SOIL	09/25/06 20:37
23	5M42551	WG223305-01 50PPM DFTPP	1	1	STD15094	09/25/06 21:05
24	5M42552	WG223305-02 50PPM BNA STD	1	1	STD15238	09/25/06 21:24
25	5M42553	WG222742-02 LCS 9/19 EP269P39	7	1	SOIL	09/25/06 21:58
26	5M42554	WG222742-03 LCS DUP 9/19 EP269P39	7	1	SOIL	09/25/06 22:31
27	5M42555	WG222904-01 BLK 9/20 EP269P63	7	1	SOIL	09/25/06 23:05
28	5M42556	WG222904-02 LCS 9/20 EP269P63	7	1	SOIL	09/25/06 23:39
29	5M42557	WG222904-03 LCS DUP 9/20 EP269P63	7	1	SOIL	09/26/06 00:13
30	5M42558	L0609574-01	1	1		09/26/06 00:47
31	5M42559	L0609297-01 5X	7	5	SOIL	09/26/06 01:21
32	5M42560	L0609297-06 5X	7	5	SOIL	09/26/06 01:55
33	5M42561	L0609297-02	7	1	SOIL	09/26/06 02:29
34	5M42562	L0609361-12 5X	7	5	SOIL	09/26/06 03:03
35	5M42563	L0609297-03 5X	7	5	SOIL	09/26/06 03:36

Approved: 27-SEP-06

Hema Vekaria

KEMRON Environmental Services

Instrument Run Log

00092042

Instrument: HPMS5 Dataset: 092506
Analyst1: MDC Analyst2: ALT
Method: 8270C SOP: MSS01 Rev: 14
Method: 625 SOP: MSS02 Rev: 8

Maintenance Log ID: 15847

Column 1 ID: RXI-5MS Column 2 ID: NA

Workgroups: WG222563, WG223400, WG223401

Internal STD: STD13351 Surrogate STD: NA

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
36	5M42564	L0609436-01 10X	7	10	SOIL	09/26/06 04:10
37	5M42565	L0609214-01 2X	7	2	SOIL	09/26/06 04:44
38	5M42566	L0609297-05 10X	7	10	SOIL	09/26/06 05:17
39	5M42567	L0609297-04 10X	7	10	SOIL	09/26/06 05:51
40	5M42568	WG222526-01 L0609361-08 5X	7	5	SOIL	09/26/06 06:24
41	5M42569	WG222526-04 L0609361-09 MS 5X	7	5	SOIL	09/26/06 06:57
42	5M42570	WG222526-05 L0609361-10 MSD 5X	7	5	SOIL	09/26/06 07:31
43	5M42571	L0609361-11 5X	7	5	SOIL	09/26/06 08:04
44	5M42572	L0609297-07 10X	7	10	SOIL	09/26/06 08:38
45	5M42573	BAKEOUT	7	10	SOIL	09/26/06 09:12
46	5M42574	BAKEOUT	7	10	SOIL	09/26/06 09:45

Comments

Seq.	Rerun	Dil.	Reason	Analytes
10				
	WG223227-09 50PPM Alt source BNA STD - passes AFCEE criteria for all compounds			
21				
	WG223196-02 LCS - 3 compounds low - DoD criteria (with in marginal failure limits); 4 compounds and SS2 low - DOWWV criteria (address in case narritive)			
22				
	WG222742-01 BLK 9/19 EP269P39 - needs rerun, not reported			
30				
	Re-extract: L0609574-01 - SS 1,2 and 5 < 10%, SS 6 low			
31				
	L0609297-01 5X - diluted due to extract viscosity			
32				
	L0609297-06 5X - diluted due to extract viscosity			
34				
	L0609361-12 5X - diluted due to extract viscosity			
35				
	L0609297-03 5X - diluted due to extract viscosity			
36	X			
	L0609436-01 10X - SS 6 low, sample ran prelim at 5x and had acceptable surrogate recovery, but was reran at 10x due to large concentrations of non-target compounds; rerun with TCL STD; reported for 8270 compounds; diluted due to extract viscosity			
37	X			
	L0609214-01 2X - 2-flouorobiphenyl still low and SS 1 low - SMI; rerun with TCL STD, reported 8270 compounds			
38				
	L0609297-05 10X - diluted due to extract viscosity			
39				

Approved: 27-SEP-06

Hema Velasquez

KEMRON Environmental Services

Instrument Run Log

00092043

Instrument: HPMS5 Dataset: 092506

Analyst1: MDC Analyst2: ALT

Method: 8270C SOP: MSS01 Rev: 14

Method: 625 SOP: MSS02 Rev: 8

Maintenance Log ID: 15847

Column 1 ID: RXI-5MS Column 2 ID: NA

Workgroups: WG222563, WG223400, WG223401

Internal STD: STD13351 Surrogate STD: NA

Comments

Seq.	Rerun	Dil.	Reason	Analytes
			L0609297-04 10X - diluted due to extract viscosity	
40				
			WG222526-01 L0609361-08 REF 5X - diluted due to extract viscosity	
41				
			WG222526-04 L0609361-09 MS 5X - 11 compounds low; diluted due to extract viscosity	
42				
			WG222526-05 L0609361-10 MSD 5X - 10 compounds low; diluted due to extract viscosity	
43				
			L0609361-11 5X - diluted due to extract viscosity	
44				
			L0609297-07 10X - diluted due to extract viscosity	

Approved: 27-SEP-06

Hema Vekaria

KEMRON Environmental Services

00092044

Instrument Run Log

Instrument: HPMS5 Dataset: 092806
Analyst1: ALT Analyst2: NA
Method: 8270C SOP: MSS01 Rev: 14
Method: 625 SOP: MSS02 Rev: 8

Maintenance Log ID: 15933

Column 1 ID: RXI-5MS Column 2 ID: NA

Workgroups: WG223812, WG223813, WG223820, WG223821

Internal STD: STD13351 Surrogate STD: NA Calibration STD

Comments: 5M42622 - 5M42643 - all need rerun, not reported due to CCV failing

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	5M42610	WG223609-01 50PPM DFTPP	1	1	STD15094	09/28/06 10:13
2	5M42611	WG223609-02 50PPM BNA STD	1	1	STD15238	09/28/06 10:33
3	5M42612	WG223237-01 BLK 9/81 EP269P81	11	1	SOIL	09/28/06 11:12
4	5M42613	WG223237-02 LCS 9/81 EP269P81	11	1	SOIL	09/28/06 11:47
5	5M42614	WG223237-03 LCSDUP 9/81 EP269P81	11	1	SOIL	09/28/06 12:21
6	5M42615	WG223221-01 BLK 9/25 EP269P79	10	1	SOIL	09/28/06 12:55
7	5M42616	WG223221-02 LCS 9/25 EP269P79	10	1	SOIL	09/28/06 13:30
8	5M42617	WG223221-03 LCSDUP 9/25 EP269P79	10	1	SOIL	09/28/06 14:04
9	5M42618	WG223325-02 BLK 9/26 EP269P93	7	1	SOIL	09/28/06 14:38
10	5M42619	WG223325-03 LCS 9/26 EP269P93	7	1	SOIL	09/28/06 15:13
11	5M42620	WG223190-02 BLK 9/25 EP269P75	7	1	SOIL	09/28/06 15:46
12	5M42621	WG223190-03 LCS 9/25 EP269P75	7	1	SOIL	09/28/06 16:20
13	5M42622	WG223631-01 50PPM DFTPP	1	1	STD15094	09/28/06 16:49
14	5M42623	WG223631-02 50PPM BNA STD	1	1	STD15238	09/28/06 17:09
15	5M42624	L0609292-09 RE SOIL	7	1	SOIL	09/28/06 17:43
16	5M42625	L0609213-02 RE SOIL	7	1	SOIL	09/28/06 18:17
17	5M42626	L0609481-01 SOIL	7	1	SOIL	09/28/06 18:51
18	5M42627	L0609481-03 SOIL	7	1	SOIL	09/28/06 19:25
19	5M42628	L0609298-05 RR SOIL	7	1	SOIL	09/28/06 19:59
20	5M42629	L0609298-03 RR SOIL	7	1	SOIL	09/28/06 20:33
21	5M42630	L0609298-04 2X RR SOIL	7	2	SOIL	09/28/06 21:07
22	5M42631	L0609320-11 2X SOIL RE	7	2		09/28/06 21:41
23	5M42632	L0609211-01 10X WASTE	11	10	SOIL	09/28/06 22:15
24	5M42633	L0609501-01 10X SOIL	7	10	SOIL	09/28/06 22:49
25	5M42634	L0609501-09 10X SOIL	7	10	SOIL	09/28/06 23:24
26	5M42635	WG223190-01 L0609501-03 REF 10X SOIL	7	10	SOIL	09/28/06 23:58
27	5M42636	WG223190-04 L0609501-04 MS 10X SOIL	7	10	SOIL	09/29/06 00:32
28	5M42637	WG223190-05 L0609501-05 MSD 10X SOIL	7	10	SOIL	09/29/06 01:06
29	5M42638	L0609396-09 10X WASTE	11	10	SOIL	09/29/06 01:40
30	5M42639	L0609430-02 10X WASTE	11	10	SOIL	09/29/06 02:14
31	5M42640	L0609430-04 10X WASTE	11	10	SOIL	09/29/06 02:48
32	5M42641	L0609430-05 10X SOLID WASTE	10	10	SOIL	09/29/06 03:22
33	5M42642	L0609430-01 10X SOLID WASTE	10	10	SOIL	09/29/06 03:56
34	5M42643	L0609430-03 10X SOLID WASTE	10	10	SOIL	09/29/06 04:29
35	5M42644	BAKE OUT	1	1		09/29/06 05:03

Approved: 02-OCT-06

KEMRON Environmental Services

Instrument Run Log

00092045

Instrument: HPMS5 Dataset: 092806
Analyst1: ALT Analyst2: NA
Method: 8270C SOP: MSS01 Rev: 14
Method: 625 SOP: MSS02 Rev: 8

Maintenance Log ID: 15933

Column 1 ID: RXI-5MS Column 2 ID: NA
Workgroups: WG223812, WG223813, WG223820, WG223821
Internal STD: STD13351 Surrogate STD: NA

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
36	5M42645	BAKE OUT	1	1		09/29/06 05:37
37	5M42646	BAKE OUT	1	1		09/29/06 06:10

Comments

Seq.	Rerun	Dil.	Reason	Analytes
5				
	WG223237-03 LCSDUP - 2-chloronaphthalene < LCL			
6				
	WG223221-01 BLK - SS 6 high			
7				
	WG223221-02 LCS - SS 6 high			
12				
	WG223190-03 LCS - bis(2-choloethoxy)methane < LCL, DOWWV criteria			
14				
	WG223631-02 50PPM BNA STD - di-n-octyl phthalate > 20%, fails CCC criteria, rerun all samples that follow			

Approved: 02-OCT-06

00092046

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS5 Dataset: 100506

Analyst1: ALT Analyst2: NA

Method: 8270C SOP: MSS01 Rev: 14

Method: 625 SOP: MSS02 Rev: 8

Maintenance Log ID: 16024

Column 1 ID: RXI-5MS Column 2 ID: NA

Workgroups: WG222974,WG224371

Internal STD: STD13351 Surrogate STD: NA Calibration STD

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	5M42726	WG224008-01 50PPM DFTPP	1	1	STD15094	10/05/06 08:25
2	5M42727	WG224008-02 50PPM BNA STD	1	1	STD15238	10/05/06 08:45
3	5M42728	WG224008-04 15PPM BNA STD	1	1	STD15238	10/05/06 09:19
4	5M42729	WG224008-03 3PPM BNA STD	1	1	STD15238	10/05/06 09:52
5	5M42730	WG224008-05 25PPM BNA STD	1	1	STD15238	10/05/06 10:26
6	5M42731	WG224008-06 80PPM BNA STD	1	1	STD15238	10/05/06 11:00
7	5M42732	WG224008-07 100PPM BNA STD	1	1	STD15238	10/05/06 11:34
8	5M42733	WG224008-08 120PPM BNA STD	1	1	STD15238	10/05/06 12:08
9	5M42734	WG224008-09 50PPM Alt Source BNA STD	1	1	STD12496	10/05/06 12:42
10	5M42735	WG223006-02 BLK 9/21 EP269P71	7	1	SOIL	10/05/06 13:15
11	5M42736	WG223006-03 LCS 9/21 EP269P71	7	1	SOIL	10/05/06 13:49
12	5M42737	WG223006-01 L0609499-15 REF SOIL	7	1	SOIL	10/05/06 14:22
13	5M42738	WG223006-04 L0609499-16 MS SOIL	7	1	SOIL	10/05/06 14:56
14	5M42739	WG223006-05 L0609499-17 MSD SOIL	7	1	SOIL	10/05/06 15:29
15	5M42740	WG224301-01 50PPM DFTPP	1	1	STD15094	10/05/06 15:59
16	5M42741	WG224301-02 50PPM BNA STD	1	1	STD15238	10/05/06 16:18
17	5M42742	L0609499-18 SOIL	7	1	SOIL	10/05/06 16:53
18	5M42743	L0609499-02 SOIL	7	1	SOIL	10/05/06 17:27
19	5M42744	L0609499-01 SOIL	7	1	SOIL	10/05/06 18:01
20	5M42745	L0609499-04 SOIL	7	1	SOIL	10/05/06 18:35
21	5M42746	L0609499-08 SOIL	7	1	SOIL	10/05/06 19:09
22	5M42747	L0609499-13 SOIL	7	1	SOIL	10/05/06 19:43
23	5M42748	L0609407-02 SOIL	7	1	SOIL	10/05/06 20:16
24	5M42749	L0609407-07 SOIL	7	1	SOIL	10/05/06 20:50
25	5M42750	L0609407-03 SOIL	7	1	SOIL	10/05/06 21:24
26	5M42751	L0609500-01 SOIL	7	1	SOIL	10/05/06 21:58
27	5M42752	L0609499-03 SOIL	7	1	SOIL	10/05/06 22:31
28	5M42753	L0609499-06 SOIL	7	1	SOIL	10/05/06 23:05
29	5M42754	L0609407-10 SOIL	7	1	SOIL	10/05/06 23:40
30	5M42755	L0609407-17 SOIL	7	1	SOIL	10/06/06 00:13
31	5M42756	L0609407-06 SOIL	7	1	SOIL	10/06/06 00:47
32	5M42757	L0609407-16 SOIL	7	1	SOIL	10/06/06 01:21
33	5M42758	L0609499-12 5X SOIL	7	5	SOIL	10/06/06 01:54
34	5M42759	L0609407-08 10X SOIL	7	10	SOIL	10/06/06 02:28
35	5M42760	L0609407-01 20X SOIL	7	20	SOIL	10/06/06 03:03

Approved: 06-OCT-06

KEMRON Environmental Services

Instrument Run Log

00092047

Instrument: HPMS5 Dataset: 100506

Analyst1: ALT Analyst2: NA

Method: 8270C SOP: MSS01 Rev: 14

Method: 625 SOP: MSS02 Rev: 8

Maintenance Log ID: 16024

Column 1 ID: RXI-5MS Column 2 ID: NA

Workgroups: WG222974,WG224371

Internal STD: STD13351 Surrogate STD: NA

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
36	5M42761	L0609407-11 20X SOIL	7	20	SOIL	10/06/06 03:37
37	5M42762	BAKE OUT	1	1		10/06/06 04:11
38	5M42763	BAKE OUT	1	1		10/06/06 04:45
39	5M42764	BAKE OUT	1	1		10/06/06 05:19

Comments

Seq.	Rerun	Dil.	Reason	Analytes
9				
	WG224008-09 50PPM Alt Source BNA STD - 2,4-dinitrophenol and butyl benzyl-phthalate > 25% biased high, 3,3'-dichlorobenzidine > 25% biased low			
21				
	L0609499-08 SOIL - SS 5 low			
31				
	L0609407-06 SOIL - SS 1 low			
32				
	Re-extract: L0609407-16 SOIL - surrogates not spiked, sample OOH			
33				
	L0609499-12 5X SOIL - diluted due to extract viscosity			
34				
	L0609499-12 5X SOIL - diluted due to extract viscosity			
35				
	L0609499-01 20X SOIL - diluted due to extract viscosity			
36				
	L0609499-11 20X SOIL - diluted due to extract viscosity			

Approved: 06-OCT-06

00092048

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS5 Dataset: 100906

Analyst1: ALT Analyst2: NA

Method: 8270C SOP: MSS01 Rev: 14

Method: 625 SOP: MSS02 Rev: 8

Maintenance Log ID: 16075

Column 1 ID: RXI-5MS Column 2 ID: NA

Workgroups: WG223820, WG223821, WG224509

Internal STD: STD13351 Surrogate STD: NA Calibration STD

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	5M42794	WG224525-01 50PPM DFTPP	1	1	STD15094	10/09/06 09:29
2	5M42795	WG224525-02 50PPM BNA STD	1	1	STD15238	10/09/06 09:48
3	5M42796	L0609581-08 SOIL	7	1	SOIL	10/09/06 10:39
4	5M42797	WG223325-01 L0608540-13 SOIL	7	1	SOIL	10/09/06 11:11
5	5M42798	WG223325-04 L0608540-14 MS SOIL	7	1	SOIL	10/09/06 11:43
6	5M42799	WG223325-05 L0608540-15 MSD SOIL	7	1	SOIL	10/09/06 12:16
7	5M42800	L0609581-12 SOIL	7	1	SOIL	10/09/06 12:48
8	5M42801	L0609540-16 SOIL	7	1	SOIL	10/09/06 13:21
9	5M42802	WG223190-01 L0609581-09 RS SOIL	7	1	SOIL	10/09/06 13:53
10	5M42803	WG223190-04 L0609581-10 MS SOIL	7	1	SOIL	10/09/06 14:26
11	5M42804	WG223190-05 L0609581-11 MSD SOIL	7	1	SOIL	10/09/06 14:58
12	5M42805	L0609540-18 SOIL	7	1	SOIL	10/09/06 15:31
13	5M42806	L0609560-02 SOIL	7	1	SOIL	10/09/06 16:03
14	5M42807	L0609581-16 SOIL	7	1	SOIL	10/09/06 16:36
15	5M42808	L0609540-12 SOIL	7	1	SOIL	10/09/06 17:08
16	5M42809	L0609560-01 2X SOIL	7	2	SOIL	10/09/06 17:40
17	5M42810	L0609581-07 5X SOIL	7	5	SOIL	10/09/06 18:13
18	5M42811	L0609540-17 5X SOIL	7	5	SOIL	10/09/06 18:45
19	5M42812	L0609513-07 10X SOIL	7	10	SOIL	10/09/06 19:18
20	5M42813	L0609581-15 10X SOIL	7	10	SOIL	10/09/06 19:51
21	5M42814	L0609513-06 10X SOIL	7	10	SOIL	10/09/06 20:24
22	5M42815	bake out	1			10/09/06 20:57
23	5M42816	bake out	1			10/09/06 21:30
24	5M42817	bake out	1			10/09/06 22:03

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2				
	WG224525-02 50PPM BNA STD - benzoic acid > 20% but < 40% biased low			
5				
	WG223325-04 L0608540-14 MS SOIL - n-nitrosidophenylamine and 3,3'dichlorobenzidine < LCL			
6				
	WG223325-05 L0608540-15 MSD SOIL - n-nitrosidophenylamine and 3,3'dichlorobenzidine < LCL			
10				
	WG223190-04 L0608581-10 MS SOIL - n-nitrosidophenylamine and 3,3'dichlorobenzidine < LCL			

Approved: 10-OCT-06

KEMRON Environmental Services

Instrument Run Log

00092049

Instrument: HPMS5 Dataset: 100906

Analyst1: ALT Analyst2: NA

Method: 8270C SOP: MSS01 Rev: 14

Method: 625 SOP: MSS02 Rev: 8

Maintenance Log ID: 16075

Column 1 ID: RXI-5MS Column 2 ID: NA

Workgroups: WG223820, WG223821, WG224509

Internal STD: STD13351 Surrogate STD: NA

Comments

Seq.	Rerun	Dil.	Reason	Analytes
11				
	WG223190-05 L0608581-11 MSD SOIL - n-nitrosidophenylamine and 3,3'dichlorobenzidine < LCL			
16				
	L0609560-01 2X SOIL - SS 1 and 6 low, DOWWV criteria; diluted due to sample viscosity			
17				
	L0609581-07 5X SOIL - diluted due to sample viscosity			
18				
	L0609540-17 5X SOIL - diluted due to sample viscosity			
19				
	L0609513-07 10X SOIL - diluted due to sample viscosity			
20				
	L0609581-15 10X SOIL - diluted due to sample viscosity			
21				
	L0609513-06 10X SOIL - diluted due to sample viscosity			

Page: 2 of 2 Approved: 10-OCT-06

Sample Extract Log Sheet R1116548

KEMRON ENVIRONMENTAL SERVICES

Parameter: BNA-S SOP #: EXASE01 Revision #: 6
Extraction Analyst(s): Ed, CPD TV/KD Analyst(s): Ed
Date/Time Extracted: 09-26-06@0830 Date TV/KD: 09-26-06
Spike/Surrogate Analyst: CPD Witness: Ed
Surrogate #: STD 14144 Earliest Hold Date: 10/5
Spike #: A = STD 15265 Spike #: B = —

Extraction Work Group WG 223325
Extract Relinquished By: Ed
Extract Received By & Date: QRS 9/26/06

	Sample ID	Test Code	pH / <2	pH / N	pH / >12	Initial Vol / Wt	Amount Surrogate	Amount Spike	Final Volume	Extract Color	Emulsions / A	Emulsions / BN	Emulsions / N	Comments
1	Blank					20.00g	500µl		1ml	T				WG 223325-02
2	LCS					〃		500µl		C				WG 〃 -03
3	09-540-12	8270				20.08				C				
4	-13 BS					20.17				T				WG223325-01
5	-14 MS					〃		500µl		C				〃 -04
6	-15 MSD					〃		〃		C				〃 -05
7	-16					20.32				C				
8	-17					20.16				O				
9	-18	〃				20.23				C				
10	09-560-01	827-SPE				20.34				C				
11	-02	〃				20.16				C				
12	09-320-11	8270				20.31				O				Re-ext IN HOLD
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Ed 09-26-06

Methylene Chloride Lot #: C27E07
Hexane Lot #: —
Ether Lot #: —
Methanol Lot #: —
Solvent: — Lot #: —
Reagent: Sand Lot #: C13603
Reagent: DE Lot #: C03471
Reagent: — Lot #: —
Acid: 1% Acetic Lot #: R6T10681
Florisil Lot #: —
Silica Gel Lot #: —
IR Analyst / Date / Time: —
Dried Na_2SO_4 Lot #: C15600

Color Code
T = Transparent
C = Colored
O = Opaque

SW-846 Method			On	Off	On	Off
Continuous	3520C					
Soxhlet	3540C					
ASE*	3545	✓				
Sep Funnel	3510C					
Sonication	3550B					
Waste	3580A					

* Accelerated Solvent Extractor (ASE)

Clean-ups			
Florisil 3620B		GPC 3640A	
Silica Gel 3630C		Other	
Acid 3665A		N/A	✓
Sulfur 3660B			

Peer Reviewed By: Cheryl Howen Date: 9-26-06

Extraction Notes For Volume # 269 Page # 93

General Comments:	NONE

Extraction Anomalies:	NONE

Concentration Anomalies:	NONE

Clean-Up Anomalies:	N/A

Supervisor Review: _____ Date: _____

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092052

Analytical Method: 8270C AAB#: WG223821

Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP074-SB01-01	09/21/06	09/22/06	09/26/06	14	4.96	10/09/06	40	13.4	
35-SMP074-SB01-02	09/21/06	09/22/06	09/26/06	14	4.96	10/09/06	40	13.1	
35-SMP074-SB01-02	09/21/06	09/22/06	09/26/06	14	4.96	10/09/06	40	13.1	
35-SMP074-SB01-02	09/21/06	09/22/06	09/26/06	14	4.96	10/09/06	40	13.2	
35-SMP074-SB01-02-QC	09/21/06	09/22/06	09/26/06	14	4.96	10/09/06	40	13.2	
35-SMP074-SB02-01	09/21/06	09/22/06	09/26/06	14	4.96	10/09/06	40	13.4	
35-SMP074-SB02-02	09/21/06	09/22/06	09/26/06	14	4.95	10/09/06	40	13.3	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 591939
Report generated 10/10/2006 14:03

KEMRON Environmental Services

SURROGATE STANDARDS

00092053

Login Number: L0609540
Instrument Id: HPMS5
Workgroup (AAB#): WG223821

Method: 8270
CAL ID: HPMS5-25-SEP-06
Matrix: Soil

Sample Number	Dilution	Tag	1	2	3	4	5	6
WG223325-02	1.00	01	46.8	48.9	44.9	49.4	56.8	49.1
WG223325-03	1.00	01	67.5	46.7	38.8	41.6	69.4	44.9

Surrogates	Surrogate Limits		
1 - 2,4,6-Tribromophenol	19	-	122
2 - 2-Fluorobiphenyl	30	-	115
3 - 2-Fluorophenol	25	-	121
4 - Nitrobenzene-d5	23	-	120
5 - p-Terphenyl-d14	18	-	137
6 - Phenol-d5	24	-	113

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 591602
Report generated 10/10/2006 14:03

SURROGATE STANDARDS

00092054

Login Number: L0609540
Instrument Id: HPMS5
Workgroup (AAB#): WG223821

Method: 8270
CAL ID: HPMS5-05-OCT-06
Matrix: Soil

Sample Number	Dilution	Tag	1	2	3	4	5	6
L0609540-12	1.00	01	45.5	54.0	39.4	53.2	62.4	46.9
L0609540-13	1.00	01	56.9	57.3	48.4	55.1	53.4	53.1
L0609540-14	1.00	01	62.1	51.9	42.2	46.1	56.5	47.2
L0609540-15	1.00	01	62.4	50.1	41.7	44.1	60.0	46.4
L0609540-16	1.00	01	51.1	56.8	47.4	55.8	51.5	52.6
L0609540-17	5.00	DL01	45.8	55.3	35.7	53.3	75.0	47.9
L0609540-18	1.00	01	53.2	48.4	45.5	52.1	55.7	50.1

Surrogates	Surrogate Limits
1 - 2,4,6-Tribromophenol	19 - 122
2 - 2-Fluorobiphenyl	30 - 115
3 - 2-Fluorophenol	25 - 121
4 - Nitrobenzene-d5	23 - 120
5 - p-Terphenyl-d14	18 - 137
6 - Phenol-d5	24 - 113

Underline = Result out of surrogate limits

DL = surrogate diluted out

ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 591602
Report generated 10/10/2006 14:03

METHOD BLANK SUMMARY

00092055

Login Number: L0609540
Work Group: WG223821
Blank File ID: 5M42618
Blank Sample ID: WG223325-02
Date Analyzed: 09/28/06
Instrument ID: HPMS5
Time Analyzed: 14:38
Method: 8270C
Analyst: ALT

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223325-03	5M42619	09/28/06 15:13	01
35-SMP074-SB01-02	L0609540-13	5M42797	10/09/06 11:11	01
35-SMP074-SB01-02	L0609540-14	5M42798	10/09/06 11:43	01
35-SMP074-SB01-02	L0609540-15	5M42799	10/09/06 12:16	01
35-SMP074-SB01-02-QC	L0609540-16	5M42801	10/09/06 13:21	01
35-SMP074-SB02-02	L0609540-18	5M42805	10/09/06 15:31	01
35-SMP074-SB01-01	L0609540-12	5M42808	10/09/06 17:08	01
35-SMP074-SB02-01	L0609540-17	5M42811	10/09/06 18:45	DL01

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 591940
Report generated 10/10/2006 14:03

KEMRON Environmental Services

METHOD BLANK REPORT

00092056

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223325-02
Instrument ID: HPMS5 Run Time: 14:38 Prep Method: 3545
File ID: 5M42618 Analyst: ALT Method: 8270C
Workgroup (AAB#): WG223821 Matrix: Soil Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS5-25-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Phenol	82.5	165	82.5	1	U
Bis(2-Chloroethyl)ether	82.5	165	82.5	1	U
2-Chlorophenol	82.5	165	82.5	1	U
1,3-Dichlorobenzene	82.5	165	82.5	1	U
1,4-Dichlorobenzene	82.5	165	82.5	1	U
Benzyl alcohol	82.5	165	82.5	1	U
1,2-Dichlorobenzene	82.5	165	82.5	1	U
2-Methylphenol	82.5	165	82.5	1	U
3-,4-Methylphenol	82.5	165	82.5	1	U
bis(2-Chloroisopropyl)ether	82.5	165	82.5	1	U
N-Nitrosodipropylamine	82.5	165	82.5	1	U
Hexachloroethane	82.5	165	82.5	1	U
Nitrobenzene	82.5	165	82.5	1	U
Isophorone	82.5	165	82.5	1	U
2-Nitrophenol	82.5	165	82.5	1	U
2,4-Dimethylphenol	82.5	165	82.5	1	U
Benzoic acid	330	825	330	1	U
Bis(2-Chloroethoxy)Methane	82.5	165	82.5	1	U
2,4-Dichlorophenol	82.5	165	82.5	1	U
1,2,4-Trichlorobenzene	82.5	165	82.5	1	U
Naphthalene	82.5	165	82.5	1	U
4-Chloroaniline	82.5	165	82.5	1	U
Hexachlorobutadiene	82.5	165	82.5	1	U
4-Chloro-3-methylphenol	82.5	165	82.5	1	U
2-Methylnaphthalene	82.5	165	82.5	1	U
Hexachlorocyclopentadiene	82.5	165	82.5	1	U
2,4,6-Trichlorophenol	82.5	165	82.5	1	U
2,4,5-Trichlorophenol	82.5	165	82.5	1	U
2-Chloronaphthalene	82.5	165	82.5	1	U
2-Nitroaniline	330	825	330	1	U
Dimethylphthalate	82.5	165	82.5	1	U
Acenaphthylene	82.5	165	82.5	1	U
2,6-Dinitrotoluene	82.5	165	82.5	1	U
3-Nitroaniline	330	825	330	1	U
Acenaphthene	82.5	165	82.5	1	U
2,4-Dinitrophenol	330	825	330	1	U
4-Nitrophenol	330	825	330	1	U
Dibenzofuran	82.5	165	82.5	1	U
2,4-Dinitrotoluene	82.5	165	82.5	1	U
Diethylphthalate	82.5	165	82.5	1	U
4-Chlorophenyl-phenyl ether	82.5	165	82.5	1	U
Fluorene	82.5	165	82.5	1	U

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KEMRON Environmental Services

METHOD BLANK REPORT

00092057

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223325-02
Instrument ID: HPMS5 Run Time: 14:38 Prep Method: 3545
File ID: 5M42618 Analyst: ALT Method: 8270C
Workgroup (AAB#): WG223821 Matrix: Soil Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS5-25-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
4-Nitroaniline	330	825	330	1	U
4,6-Dinitro-2-methylphenol	330	825	330	1	U
N-Nitrosodiphenylamine	82.5	165	82.5	1	U
4-Bromophenyl-phenylether	82.5	165	82.5	1	U
Hexachlorobenzene	82.5	165	82.5	1	U
Pentachlorophenol	330	825	330	1	U
Phenanthrene	82.5	165	82.5	1	U
Anthracene	82.5	165	82.5	1	U
Di-N-Butylphthalate	82.5	165	82.5	1	U
Fluoranthene	82.5	165	82.5	1	U
Pyrene	82.5	165	82.5	1	U
Butylbenzylphthalate	82.5	165	82.5	1	U
3,3'-Dichlorobenzidine	165	330	165	1	U
Benzo(a)anthracene	82.5	165	82.5	1	U
Chrysene	82.5	165	82.5	1	U
bis(2-Ethylhexyl)phthalate	82.5	165	82.5	1	U
Di-n-octylphthalate	82.5	165	82.5	1	U
Benzo(b)fluoranthene	82.5	165	82.5	1	U
Benzo(k)fluoranthene	82.5	165	82.5	1	U
Benzo(a)pyrene	82.5	165	82.5	1	U
Indeno(1,2,3-cd)pyrene	82.5	165	82.5	1	U
Dibenzo(a,h)Anthracene	82.5	165	82.5	1	U
Benzo(g,h,i)Perylene	82.5	165	82.5	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
2-Fluorophenol	44.9	25 - 121	PASS
Phenol-d5	49.1	24 - 113	PASS
Nitrobenzene-d5	49.4	23 - 120	PASS
2-Fluorobiphenyl	48.9	30 - 115	PASS
2,4,6-Tribromophenol	46.8	19 - 122	PASS
p-Terphenyl-d14	56.8	18 - 137	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092058

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223325-03
Instrument ID: HPMS5 Run Time: 15:13 Prep Method: 3545
File ID: 5M42619 Analyst: ALT Method: 8270C
Workgroup (AAB#): WG223821 Matrix: Solid Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS5-25-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Phenol	2500	1150	46.0	35 - 100	
Bis(2-Chloroethyl)ether	2500	1170	46.9	30 - 100	
2-Chlorophenol	2500	1100	43.9	35 - 105	
1,3-Dichlorobenzene	2500	1040	41.7	35 - 100	
1,4-Dichlorobenzene	2500	1040	41.4	35 - 105	
Benzyl alcohol	2500	1110	44.5	30 - 100	
1,2-Dichlorobenzene	2500	1080	43.1	35 - 95	
2-Methylphenol	2500	1150	46.0	35 - 100	
3-,4-Methylphenol	2500	1310	52.3	35 - 105	
bis(2-Chloroisopropyl)ether	2500	1060	42.4	20 - 115	
N-Nitrosodipropylamine	2500	1220	48.7	35 - 110	
Hexachloroethane	2500	1030	41.2	30 - 100	
Nitrobenzene	2500	1090	43.5	35 - 100	
Isophorone	2500	1170	46.9	35 - 100	
2-Nitrophenol	2500	1030	41.0	35 - 100	
2,4-Dimethylphenol	2500	1050	41.9	30 - 105	
Benzoic acid	2500	1570	62.9	20 - 110	
Bis(2-Chloroethoxy)Methane	2500	878	35.1	30 - 100	
2,4-Dichlorophenol	2500	1080	43.1	35 - 110	
1,2,4-Trichlorobenzene	2500	1010	40.3	35 - 100	
Naphthalene	2500	1080	43.0	35 - 100	
4-Chloroaniline	2500	1040	41.4	35 - 100	
Hexachlorobutadiene	2500	1080	43.3	30 - 100	
4-Chloro-3-methylphenol	2500	1230	49.3	40 - 100	
2-Methylnaphthalene	2500	1140	45.6	35 - 115	
Hexachlorocyclopentadiene	2500	997	39.9	30 - 110	
2,4,6-Trichlorophenol	2500	1240	49.7	40 - 110	
2,4,5-Trichlorophenol	2500	1320	52.8	40 - 110	
2-Chloronaphthalene	2500	1050	41.9	40 - 105	
2-Nitroaniline	2500	1580	63.2	45 - 120	
Dimethylphthalate	2500	1540	61.4	45 - 115	
Acenaphthylene	2500	1400	55.9	40 - 110	
2,6-Dinitrotoluene	2500	1520	60.8	50 - 125	
3-Nitroaniline	2500	1760	70.5	50 - 130	
Acenaphthene	2500	1400	56.2	40 - 110	
2,4-Dinitrophenol	2500	1980	79.2	40 - 130	
4-Nitrophenol	2500	2000	79.9	45 - 140	
Dibenzofuran	2500	1370	54.9	35 - 110	
2,4-Dinitrotoluene	2500	1980	79.1	50 - 130	
Diethylphthalate	2500	1830	73.2	50 - 130	
4-Chlorophenyl-phenyl ether	2500	1350	54.1	40 - 110	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092059

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223325-03
Instrument ID: HPMS5 Run Time: 15:13 Prep Method: 3545
File ID: 5M42619 Analyst: ALT Method: 8270C
Workgroup (AAB#): WG223821 Matrix: Solid Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: HPMS5-25-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Fluorene	2500	1500	59.9	45 - 115	
4-Nitroaniline	2500	1980	79.2	35 - 140	
4,6-Dinitro-2-methylphenol	2500	1990	79.7	45 - 130	
N-Nitrosodiphenylamine	2500	1460	58.4	50 - 130	
4-Bromophenyl-phenylether	2500	1410	56.4	40 - 115	
Hexachlorobenzene	2500	1780	71.2	45 - 120	
Pentachlorophenol	2500	2630	105	50 - 150	
Phenanthrene	2500	2000	79.9	50 - 130	
Anthracene	2500	2010	80.5	55 - 130	
Di-N-Butylphthalate	2500	2250	90.1	55 - 140	
Fluoranthene	2500	2290	91.6	55 - 140	
Pyrene	2500	2410	96.4	45 - 135	
Butylbenzylphthalate	2500	2630	105	50 - 150	
3,3'-Dichlorobenzidine	2500	1630	65.1	40 - 140	
Benzo(a)anthracene	2500	2220	88.8	50 - 130	
Chrysene	2500	2270	90.7	55 - 140	
bis(2-Ethylhexyl)phthalate	2500	2230	89.3	50 - 150	
Di-n-octylphthalate	2500	2890	116	40 - 145	
Benzo(b)fluoranthene	2500	2090	83.4	45 - 125	
Benzo(k)fluoranthene	2500	2340	93.6	45 - 135	
Benzo(a)pyrene	2500	2290	91.4	50 - 130	
Indeno(1,2,3-cd)pyrene	2500	1640	65.8	50 - 135	
Dibenzo(a,h)Anthracene	2500	1610	64.3	40 - 140	
Benzo(g,h,i)Perylene	2500	1620	64.7	40 - 140	

Surrogates	% Recovery	Surrogate Limits	Qualifier
2-Fluorophenol	38.8	25 - 121	PASS
Phenol-d5	44.9	24 - 113	PASS
Nitrobenzene-d5	41.6	23 - 120	PASS
2-Fluorobiphenyl	46.7	30 - 115	PASS
2,4,6-Tribromophenol	67.5	19 - 122	PASS
p-Terphenyl-d14	69.4	18 - 137	PASS

* FAILS %REC LIMIT

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Report generated 10/10/2006 14:03

KEMRON Environmental Services

MS/MSD REPORT

00092060

Loginnum:L0609540 Cal ID: HPMS5-05-OCT-06 Worknum:WG223821
Instrument ID:HPMS5 Contract #:DACA56-94-D-0020 Prep Method:3545
Parent ID:L0609540-13 File ID:5M42797 Dil:1 Method:8270C
Sample ID:L0609540-14 MS File ID:5M42798 Dil:1 Matrix:Soil
Sample ID:L0609540-15 MSD File ID:5M42799 Dil:1 Units:ug/kg
Percent Solid:87.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Phenol	ND	2820	1430	50.6	2820	1400	49.7	1.76	35 - 100	51	
Bis(2-Chloroethyl)ether	ND	2820	1440	51.1	2820	1360	48.2	5.85	30 - 100	52	
2-Chlorophenol	ND	2820	1360	48.2	2820	1340	47.4	1.66	35 - 105	47	
1,3-Dichlorobenzene	ND	2820	1310	46.4	2820	1300	46.1	0.705	35 - 100	42	
1,4-Dichlorobenzene	ND	2820	1290	45.6	2820	1280	45.5	0.216	35 - 105	43	
Benzyl alcohol	ND	2820	1440	51.1	2820	1390	49.4	3.52	30 - 100	51	
1,2-Dichlorobenzene	ND	2820	1370	48.6	2820	1360	48.1	1.10	35 - 95	42	
2-Methylphenol	ND	2820	1400	49.5	2820	1350	47.9	3.20	35 - 100	52	
3-,4-Methylphenol	ND	2820	1600	56.8	2820	1550	54.8	3.68	35 - 105	52	
bis(2-Chloroisopropyl)ether	ND	2820	1380	48.8	2820	1270	44.9	8.43	20 - 115	49	
N-Nitrosodipropylamine	ND	2820	1450	51.5	2820	1350	48.0	7.23	35 - 110	59	
Hexachloroethane	ND	2820	1290	45.6	2820	1250	44.2	2.93	30 - 100	47	
Nitrobenzene	ND	2820	1360	48.2	2820	1310	46.5	3.59	35 - 100	50	
Isophorone	ND	2820	1470	51.9	2820	1410	50.0	3.85	35 - 100	62	
2-Nitrophenol	ND	2820	1480	52.5	2820	1480	52.3	0.395	35 - 100	60	
2,4-Dimethylphenol	ND	2820	1150	40.7	2820	1090	38.7	4.87	30 - 105	57	
Benzoic acid	ND	2820	1720	61.0	2820	1680	59.5	2.52	20 - 110	61	
Bis(2-Chloroethoxy)Methane	ND	2820	1140	40.5	2820	1080	38.1	6.01	30 - 100	53	
2,4-Dichlorophenol	ND	2820	1430	50.6	2820	1400	49.6	1.93	35 - 110	53	
1,2,4-Trichlorobenzene	ND	2820	1310	46.6	2820	1310	46.3	0.536	35 - 100	46	
Naphthalene	ND	2820	1370	48.7	2820	1320	46.9	3.69	35 - 100	45	
4-Chloroaniline	ND	2820	1110	39.2	2820	1030	36.4	7.23	35 - 100	73	
Hexachlorobutadiene	ND	2820	1350	48.0	2820	1390	49.2	2.56	30 - 100	52	
4-Chloro-3-methylphenol	ND	2820	1570	55.6	2820	1440	50.9	8.87	40 - 100	62	
2-Methylnaphthalene	ND	2820	1420	50.4	2820	1400	49.5	1.81	35 - 115	49	
Hexachlorocyclopentadiene	ND	2820	1560	55.1	2820	1600	56.7	2.74	30 - 110	60	
2,4,6-Trichlorophenol	ND	2820	1590	56.3	2820	1510	53.4	5.36	40 - 110	63	
2,4,5-Trichlorophenol	ND	2820	1760	62.3	2820	1620	57.5	7.97	40 - 110	63	
2-Chloronaphthalene	ND	2820	1320	46.8	2820	1270	44.9	4.11	40 - 105	50	
2-Nitroaniline	ND	2820	1870	66.4	2820	1680	59.6	10.8	45 - 120	67	
Dimethylphthalate	ND	2820	1770	62.8	2820	1610	57.0	9.62	45 - 115	63	
Acenaphthylene	ND	2820	1670	59.2	2820	1560	55.4	6.69	40 - 110	53	
2,6-Dinitrotoluene	ND	2820	1820	64.6	2820	1680	59.6	8.08	50 - 125	69	
3-Nitroaniline	ND	2820	1920	68.0	2820	1810	64.3	5.62	50 - 130	86	
Acenaphthene	ND	2820	1630	57.7	2820	1520	53.8	7.01	40 - 110	70	
2,4-Dinitrophenol	ND	2820	2570	91.0	2820	2570	90.9	0.0711	40 - 130	72	
4-Nitrophenol	ND	2820	2140	75.9	2820	2020	71.6	5.77	45 - 140	99	
Dibenzofuran	ND	2820	1710	60.6	2820	1600	56.6	6.76	35 - 110	55	
2,4-Dinitrotoluene	ND	2820	2260	80.0	2820	2190	77.6	3.03	50 - 130	75	
Diethylphthalate	ND	2820	1890	67.1	2820	1770	62.7	6.72	50 - 130	70	
4-Chlorophenyl-phenyl ether	ND	2820	1790	63.3	2820	1650	58.3	8.28	40 - 110	64	

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KEMRON Environmental Services

MS/MSD REPORT

00092061

Loginnum:L0609540 Cal ID: HPMS5 05-OCT-06 Worknum:WG223821

Instrument ID:HPMS5 Contract #:DACA56-94-D-0020 Prep Method:3545

Parent ID:L0609540-13 File ID:5M42797 Dil:1 Method:8270C

Sample ID:L0609540-14 MS File ID:5M42798 Dil:1 Matrix:Soil

Sample ID:L0609540-15 MSD File ID:5M42799 Dil:1 Units:ug/kg

Percent Solid:87.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Fluorene	ND	2820	1820	64.3	2820	1640	58.1	10.1	45 - 115	55	
4-Nitroaniline	ND	2820	1970	69.8	2820	1980	70.3	0.721	35 - 140	95	
4,6-Dinitro-2-methylphenol	ND	2820	2350	83.4	2820	2370	83.8	0.494	45 - 130	86	
N-Nitrosodiphenylamine	ND	2820	560	19.8	2820	1180	41.9	71.4	50 - 130	65	*#
4-Bromophenyl-phenylether	ND	2820	1590	56.4	2820	1480	52.5	7.22	40 - 115	58	
Hexachlorobenzene	ND	2820	1900	67.4	2820	1830	64.9	3.71	45 - 120	68	
Pentachlorophenol	ND	2820	2770	98.1	2820	2830	100	2.21	50 - 150	77	
Phenanthrene	ND	2820	2140	75.7	2820	2030	72.0	5.00	50 - 130	70	
Anthracene	ND	2820	2170	76.8	2820	2070	73.4	4.57	55 - 130	72	
Di-N-Butylphthalate	ND	2820	2210	78.2	2820	2230	79.0	0.961	55 - 140	82	
Fluoranthene	ND	2820	2200	77.9	2820	2250	79.6	2.12	55 - 140	80	
Pyrene	ND	2820	2130	75.4	2820	2140	75.7	0.435	45 - 135	89	
Butylbenzylphthalate	ND	2820	2350	83.4	2820	2340	82.9	0.564	50 - 150	86	
3,3'-Dichlorobenzidine	ND	2820	294	10.4	2820	447	15.8	41.3	40 - 140	135	*
Benzo(a)anthracene	ND	2820	2040	72.4	2820	2070	73.3	1.28	50 - 130	83	
Chrysene	ND	2820	2100	74.5	2820	2130	75.4	1.12	55 - 140	72	
bis(2-Ethylhexyl)phthalate	ND	2820	2150	76.3	2820	2120	75.3	1.38	50 - 150	83	
Di-n-octylphthalate	ND	2820	2200	77.9	2820	2160	76.5	1.82	40 - 145	96	
Benzo(b)fluoranthene	ND	2820	2010	71.2	2820	2020	71.4	0.306	45 - 125	76	
Benzo(k)fluoranthene	ND	2820	1980	70.3	2820	2050	72.7	3.38	45 - 135	79	
Benzo(a)pyrene	ND	2820	2090	73.9	2820	2110	74.8	1.21	50 - 130	72	
Indeno(1,2,3-cd)pyrene	ND	2820	1950	69.1	2820	1980	70.2	1.56	50 - 135	84	
Dibenzo(a,h)Anthracene	ND	2820	1970	69.8	2820	2000	70.9	1.58	40 - 140	88	
Benzo(g,h,i)Perylene	ND	2820	1900	67.3	2820	1940	68.7	2.12	40 - 140	85	

* FAILS %REC LIMIT

FAILS RPD LIMIT

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Version 1.5 PDF File ID: 591304
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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

DFTPP

Login Number: L0609540
Instrument: HPMS5
Analyst: MDC
Workgroup: WG223227

Tune ID: WG223227-01
Run Date: 09/25/2006
Run Time: 09:09
File ID: 5M42529
Cal ID: HPMS5-25-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
51.0	198	30.0	60.0	34.2	38958	PASS
68.0	69.0	0	2.00	0	0	PASS
69.0	198	0	100	42.7	48584	PASS
70.0	69.0	0	2.00	0.543	264	PASS
127	198	40.0	60.0	50.5	57485	PASS
197	198	0	1.00	0	0	PASS
198	198	100	100	100	113776	PASS
199	198	5.00	9.00	6.84	7786	PASS
275	198	10.0	30.0	27.2	30992	PASS
365	198	1.00	100	3.42	3894	PASS
441	443	0.0100	100	82.1	12478	PASS
442	198	40.0	100	69.0	78496	PASS
443	442	17.0	23.0	19.4	15207	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223227-09	SSCV	01	09/25/2006 13:55	
WG223227-04	STD	01	09/25/2006 13:22	
WG223227-08	STD	01	09/25/2006 12:49	
WG223227-07	STD	01	09/25/2006 12:16	
WG223227-06	STD	01	09/25/2006 11:42	
WG223227-05	STD	01	09/25/2006 11:09	
WG223227-03	STD	01	09/25/2006 10:01	
WG223227-02	STD-CCV	01	09/25/2006 09:27	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 591943
Report generated 10/10/2006 14:03

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

DFTPP

Login Number: L0609540
Instrument: HPMS5
Analyst: ALT
Workgroup: WG224008

Tune ID: WG224008-01
Run Date: 10/05/2006
Run Time: 08:25
File ID: 5M42726
Cal ID: HPMS5-05-OCT-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
51.0	198	30.0	60.0	38.9	112611	PASS
68.0	69.0	0	2.00	0	0	PASS
69.0	198	0	100	40.7	117694	PASS
70.0	69.0	0	2.00	0.480	565	PASS
127	198	40.0	60.0	50.5	146045	PASS
197	198	0	1.00	0	0	PASS
198	198	100	100	100	289280	PASS
199	198	5.00	9.00	6.86	19857	PASS
275	198	10.0	30.0	24.0	69520	PASS
365	198	1.00	100	2.87	8295	PASS
441	443	0.0100	100	83.2	43384	PASS
442	198	40.0	100	92.2	266602	PASS
443	442	17.0	23.0	19.6	52173	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG224008-09	SSCV	01	10/05/2006 12:42	
WG224008-08	STD	01	10/05/2006 12:08	
WG224008-07	STD	01	10/05/2006 11:34	
WG224008-06	STD	01	10/05/2006 11:00	
WG224008-05	STD	01	10/05/2006 10:26	
WG224008-03	STD	01	10/05/2006 09:52	
WG224008-04	STD	01	10/05/2006 09:19	
WG224008-02	STD-CCV	01	10/05/2006 08:45	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 591943
Report generated 10/10/2006 14:03

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

DFTPP

Login Number: L0609540 Tune ID: WG223609-01
Instrument: HPMS5 Run Date: 09/28/2006
Analyst: ALT Run Time: 10:13
Workgroup: WG223609 File ID: 5M42610
Cal ID: HPMS5 -25-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
51.0	198	30.0	60.0	32.2	35268	PASS
68.0	69.0	0	2.00	0	0	PASS
69.0	198	0	100	39.8	43546	PASS
70.0	69.0	0	2.00	0.609	265	PASS
127	198	40.0	60.0	49.8	54517	PASS
197	198	0	1.00	0	0	PASS
198	198	100	100	100	109445	PASS
199	198	5.00	9.00	7.03	7695	PASS
275	198	10.0	30.0	28.1	30728	PASS
365	198	1.00	100	3.65	3990	PASS
441	443	0.0100	100	79.5	13711	PASS
442	198	40.0	100	81.7	89445	PASS
443	442	17.0	23.0	19.3	17241	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223609-02	CCV	09/28/2006 10:33	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223325-02	BLANK	01	09/28/2006 14:38	
WG223325-03	LCS	01	09/28/2006 15:13	

*** Sample past 12 hour tune limit**

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 591944
Report generated 10/10/2006 14:03

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

DFTPP

Login Number: L0609540
Instrument: HPMS5
Analyst: ALT/DPJ
Workgroup: WG224525

Tune ID: WG224525-01
Run Date: 10/09/2006
Run Time: 09:29
File ID: 5M42794
Cal ID: HPMS5 -05-OCT-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
51.0	198	30.0	60.0	38.9	134748	PASS
68.0	69.0	0	2.00	0	0	PASS
69.0	198	0	100	40.9	141676	PASS
70.0	69.0	0	2.00	0.458	649	PASS
127	198	40.0	60.0	51.3	177770	PASS
197	198	0	1.00	0	0	PASS
198	198	100	100	100	346666	PASS
199	198	5.00	9.00	6.82	23650	PASS
275	198	10.0	30.0	24.2	84056	PASS
365	198	1.00	100	2.99	10373	PASS
441	443	0.0100	100	83.7	50936	PASS
442	198	40.0	100	90.2	312746	PASS
443	442	17.0	23.0	19.4	60826	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG224525-02	CCV	10/09/2006 09:48	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
L0609540-13	35-SMP074-SB01-02	01	10/09/2006 11:11	
L0609540-14	35-SMP074-SB01-02	01	10/09/2006 11:43	
L0609540-15	35-SMP074-SB01-02	01	10/09/2006 12:16	
L0609540-16	35-SMP074-SB01-02-QC	01	10/09/2006 13:21	
L0609540-18	35-SMP074-SB02-02	01	10/09/2006 15:31	
L0609540-12	35-SMP074-SB01-01	01	10/09/2006 17:08	
L0609540-17	35-SMP074-SB02-01	DL01	10/09/2006 18:45	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 591944
Report generated 10/10/2006 14:03

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092066

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 25-SEP-06 13:22

ICAL Workgroup: WG223227 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,4-Dichlorobenzene	CCC	1.620	4.67		
2,4,6-Trichlorophenol	CCC	0.4247	3.84		
2,4-Dichlorophenol	CCC	0.3175	2.47		
2-Nitrophenol	CCC	0.2135	1.77		
4-Chloro-3-Methylphenol	CCC	0.3447	1.96		
Acenaphthene	CCC	1.212	3.13		
Benzo[a]pyrene	CCC	1.392	6.17		
Di-n-Octyl Phthalate	CCC	1.863	6.15		
Fluoranthene	CCC	1.403	3.26		
Hexachlorobutadiene	CCC	0.2338	4.32		
Pentachlorophenol	CCC	0.1462	23.1		1.00
Phenol	CCC	1.765	3.92		
n-Nitrosodiphenylamine	CCC	0.7743	2.75		
2,4-Dinitrophenol	SPCC	0.1350	42.3	0.997	
4-Nitrophenol	SPCC	0.2633	3.49		
Hexachlorocyclopentadiene	SPCC	0.3334	10.8		
n-Nitrosodipropylamine	SPCC	1.067	11.2		
1,2,4-Trichlorobenzene		0.3674	4.64		
1,2-Dichlorobenzene		1.475	4.92		
1,3-Dichlorobenzene		1.554	4.45		
2,4,5-Trichlorophenol		0.4462	4.51		
2,4-Dimethylphenol		0.3536	2.26		
2,4-Dinitrotoluene		0.4128	2.87		
2,6-Dinitrotoluene		0.3313	2.22		
2-Chloronaphthalene		1.393	4.58		
2-Chlorophenol		1.429	3.16		
2-Methylnaphthalene		0.7188	3.25		
2-Methylphenol		1.119	2.44		
2-Nitroaniline		0.3607	2.76		
3,3'-Dichlorobenzidine		0.4637	5.30		
3-,4-Methylphenol		1.419	2.01		
3-Nitroaniline		0.3234	3.68		
4,6-Dinitro-2-Methylphenol		0.1450	20.5	0.995	
4-Bromophenyl Phenyl Ether		0.2680	5.34		
4-Chloroaniline		0.4676	2.40		
4-Chlorophenyl Phenyl Ether		0.7541	3.33		
4-Nitroaniline		0.3433	2.68		
Acenaphthylene		1.847	4.23		
Anthracene		1.280	3.10		
Benzo[a]anthracene		1.414	3.83		
Benzo[b]fluoranthene		1.821	7.80		
Benzo[ghi]perylene		0.9987	4.86		
Benzo[k]fluoranthene		1.489	4.67		
Benzoic Acid		0.2097	36.4		1.00
Benzyl Alcohol		0.9276	2.15		

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Version 1.5 PDF File ID: 591941
Report generated 10/10/2006 14:03

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092067

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 25-SEP-06 13:22

ICAL Workgroup: WG223227 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
Butyl Benzyl Phthalate		0.6363	16.3		0.998
Chrysene		1.337	3.97		
Di-n-Butyl Phthalate		1.480	5.53		
Dibenz[ah]anthracene		1.103	9.85		
Dibenzofuran		1.742	5.88		
Diethylphthalate		1.453	5.23		
Dimethylphthalate		1.374	4.59		
Fluorene		1.401	3.98		
Hexachlorobenzene		0.2884	5.88		
Hexachloroethane		0.6759	5.13		
Indeno[1,2,3-cd]pyrene		1.290	8.87		
Isophorone		0.7420	5.94		
Naphthalene		1.104	4.94		
Nitrobenzene		0.4514	7.65		
Phenanthrene		1.278	4.66		
Pyrene		1.505	5.00		
bis(2-Chloroethoxy)methane		0.5793	8.04		
bis(2-Chloroethyl)ether		0.9315	8.15		
bis(2-Chloroisopropyl)ether		1.524	5.56		
bis(2-Ethylhexyl)phthalate		0.9520	9.11		

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092068

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 05-OCT-06 12:08

ICAL Workgroup: WG224008 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,4-Dichlorobenzene	CCC	1.663	10.1		
2,4,6-Trichlorophenol	CCC	0.3796	3.71		
2,4-Dichlorophenol	CCC	0.3072	6.30		
2-Nitrophenol	CCC	0.1815	4.70		
4-Chloro-3-Methylphenol	CCC	0.3204	7.51		
Acenaphthene	CCC	1.110	12.9		
Benzo[a]pyrene	CCC	1.341	6.79		
Di-n-Octyl Phthalate	CCC	1.759	9.39		
Fluoranthene	CCC	1.351	14.8		
Hexachlorobutadiene	CCC	0.1837	12.0		
Pentachlorophenol	CCC	0.1209	26.7	0.999	
Phenol	CCC	1.775	7.65		
n-Nitrosodiphenylamine	CCC	0.8139	14.2		
2,4-Dinitrophenol	SPCC	0.08512	46.7		0.998
4-Nitrophenol	SPCC	0.2372	6.15		
Hexachlorocyclopentadiene	SPCC	0.2458	8.57		
n-Nitrosodipropylamine	SPCC	1.064	12.7		
1,2,4-Trichlorobenzene		0.3331	12.5		
1,2-Dichlorobenzene		1.550	9.69		
1,3-Dichlorobenzene		1.632	9.49		
2,4,5-Trichlorophenol		0.3997	3.65		
2,4-Dimethylphenol		0.3404	12.1		
2,4-Dinitrotoluene		0.3462	7.69		
2,6-Dinitrotoluene		0.3212	3.39		
2-Chloronaphthalene		1.357	14.1		
2-Chlorophenol		1.545	5.83		
2-Methylnaphthalene		0.6928	13.3		
2-Methylphenol		1.179	6.12		
2-Nitroaniline		0.3380	4.74		
3,3'-Dichlorobenzidine		0.5133	10.5		
3-,4-Methylphenol		1.478	6.83		
3-Nitroaniline		0.3244	2.35		
4,6-Dinitro-2-Methylphenol		0.1299	23.6	0.997	
4-Bromophenyl Phenyl Ether		0.2662	12.6		
4-Chloroaniline		0.4672	8.56		
4-Chlorophenyl Phenyl Ether		0.6167	17.0	0.998	
4-Nitroaniline		0.3204	4.69		
Acenaphthylene		1.727	14.0		
Anthracene		1.319	15.7	0.998	
Benzo[a]anthracene		1.416	11.6		
Benzo[b]fluoranthene		1.451	15.0		
Benzo[ghi]perylene		1.267	4.89		
Benzo[k]fluoranthene		1.338	10.6		
Benzoic Acid		0.1817	41.7	0.991	
Benzyl Alcohol		0.9863	5.19		

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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092069

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 05-OCT-06 12:08

ICAL Workgroup: WG224008 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
Butyl Benzyl Phthalate		0.6696	22.6		0.996
Chrysene		1.344	12.6		
Di-n-Butyl Phthalate		1.539	16.8	0.995	
Dibenz[ah]anthracene		1.248	5.35		
Dibenzofuran		1.561	18.2	0.998	
Diethylphthalate		1.324	14.2		
Dimethylphthalate		1.349	13.5		
Fluorene		1.329	15.4	0.999	
Hexachlorobenzene		0.2845	13.6		
Hexachloroethane		0.6645	7.15		
Indeno[1,2,3-cd]pyrene		1.472	5.56		
Isophorone		0.6945	10.1		
Naphthalene		1.084	14.4		
Nitrobenzene		0.4002	8.57		
Phenanthrene		1.306	16.6	0.998	
Pyrene		1.545	14.6		
bis(2-Chloroethoxy)methane		0.5535	14.9		
bis(2-Chloroethyl)ether		1.003	10.1		
bis(2-Chloroisopropyl)ether		2.105	9.14		
bis(2-Ethylhexyl)phthalate		1.024	12.9		

INITIAL CALIBRATION DATA

00092070

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 25-SEP-06 13:22

Column ID: F

Analyte	WG223227-02			WG223227-03			WG223227-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,4-Dichlorobenzene	50.0	439669.000	1.603	3.00	27878.0000	1.784	15.0	125108.000	1.560
2,4,6-Trichlorophenol	50.0	270928.000	0.4278	3.00	14281.0000	0.4190	15.0	70861.0000	0.3996
2,4-Dichlorophenol	50.0	332430.000	0.3242	3.00	18096.0000	0.3173	15.0	89577.0000	0.3057
2-Nitrophenol	50.0	221969.000	0.2165	3.00	12284.0000	0.2154	15.0	60603.0000	0.2068
4-Chloro-3-Methylphenol	50.0	362092.000	0.3531	3.00	19913.0000	0.3492	15.0	100607.000	0.3433
Acenaphthene	50.0	789280.000	1.246	3.00	43384.0000	1.273	15.0	206052.000	1.162
Benzo[a]pyrene	50.0	1156821.00	1.385	3.00	53545.0000	1.313	15.0	283393.000	1.299
Di-n-Octyl Phthalate	50.0	1593401.00	1.908	3.00	66805.0000	1.638	15.0	396457.000	1.818
Fluoranthene	50.0	1479941.00	1.414	3.00	79547.0000	1.485	15.0	382086.000	1.338
Hexachlorobutadiene	50.0	237128.000	0.2313	3.00	14578.0000	0.2556	15.0	67074.0000	0.2289
Pentachlorophenol	50.0	146677.000	0.1402	NA	NA	NA	15.0	30725.0000	0.1076
Phenol	50.0	485862.000	1.771	3.00	29812.0000	1.907	15.0	138874.000	1.732
n-Nitrosodiphenylamine	50.0	811764.000	0.7758	3.00	43680.0000	0.8155	15.0	213394.000	0.7474
2,4-Dinitrophenol	50.0	90670.0000	0.1432	NA	NA	NA	15.0	8708.00000	0.04910
4-Nitrophenol	50.0	171508.000	0.2708	NA	NA	NA	15.0	43745.0000	0.2467
Hexachlorocyclopentadiene	50.0	222260.000	0.3510	3.00	9291.00000	0.2726	15.0	52635.0000	0.2968
n-Nitrosodipropylamine	50.0	294591.000	1.074	3.00	19702.0000	1.260	15.0	89835.0000	1.120
1,2,4-Trichlorobenzene	50.0	373034.000	0.3638	3.00	23033.0000	0.4039	15.0	103499.000	0.3532
1,2-Dichlorobenzene	50.0	398135.000	1.451	3.00	25539.0000	1.634	15.0	113700.000	1.418
1,3-Dichlorobenzene	50.0	419731.000	1.530	3.00	26651.0000	1.705	15.0	120606.000	1.504
2,4,5-Trichlorophenol	50.0	287381.000	0.4538	3.00	14510.0000	0.4257	15.0	74951.0000	0.4226
2,4-Dimethylphenol	50.0	366828.000	0.3578	3.00	21075.0000	0.3696	15.0	103166.000	0.3521
2,4-Dinitrotoluene	50.0	271549.000	0.4288	3.00	13358.0000	0.3919	15.0	71633.0000	0.4039
2,6-Dinitrotoluene	50.0	209191.000	0.3303	3.00	11606.0000	0.3405	15.0	57310.0000	0.3231
2-Chloronaphthalene	50.0	878681.000	1.388	3.00	52269.0000	1.534	15.0	239508.000	1.351
2-Chlorophenol	50.0	389870.000	1.421	3.00	23769.0000	1.521	15.0	111468.000	1.390
2-Methylnaphthalene	50.0	743985.000	0.7256	3.00	43727.0000	0.7668	15.0	203691.000	0.6951
2-Methylphenol	50.0	309247.000	1.127	3.00	18236.0000	1.167	15.0	86479.0000	1.079
2-Nitroaniline	50.0	232348.000	0.3669	NA	NA	NA	15.0	65188.0000	0.3676
3,3'-Dichlorobenzidine	50.0	506770.000	0.4774	3.00	22302.0000	0.4315	15.0	118921.000	0.4340
3-,4-Methylphenol	50.0	394036.000	1.436	3.00	22886.0000	1.464	15.0	110485.000	1.378
3-Nitroaniline	50.0	207389.000	0.3275	NA	NA	NA	15.0	54276.0000	0.3060
4,6-Dinitro-2-Methylphenol	50.0	152515.000	0.1458	NA	NA	NA	15.0	29324.0000	0.1027
4-Bromophenyl Phenyl Ether	50.0	274949.000	0.2628	3.00	15085.0000	0.2816	15.0	70068.0000	0.2454
4-Chloroaniline	50.0	484879.000	0.4729	3.00	27357.0000	0.4797	15.0	131171.000	0.4477
4-Chlorophenyl Phenyl Ether	50.0	488503.000	0.7714	3.00	27269.0000	0.8000	15.0	128504.000	0.7246
4-Nitroaniline	50.0	226050.000	0.3569	NA	NA	NA	15.0	58219.0000	0.3283
Acenaphthylene	50.0	1165845.00	1.841	3.00	68733.0000	2.017	15.0	320300.000	1.806
Anthracene	50.0	1344126.00	1.285	3.00	72937.0000	1.362	15.0	353188.000	1.237
Benzo[a]anthracene	50.0	1497926.00	1.411	3.00	78263.0000	1.514	15.0	371955.000	1.358
Benzo[b]fluoranthene	50.0	1520736.00	1.821	3.00	72675.0000	1.782	15.0	354290.000	1.624
Benzo[ghi]perylene	50.0	860709.000	1.030	3.00	38213.0000	0.9370	15.0	201974.000	0.9260

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INITIAL CALIBRATION DATA

00092071

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 25-SEP-06 13:22

Column ID: F

Analyte	WG223227-02			WG223227-03			WG223227-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Benzo[k]fluoranthene	50.0	1259107.00	1.507	3.00	60544.0000	1.485	15.0	303002.000	1.389
Benzoic Acid	50.0	198799.000	0.1939	NA	NA	NA	15.0	36907.0000	0.1260
Benzyl Alcohol	50.0	257030.000	0.9369	3.00	14592.0000	0.9335	15.0	71113.0000	0.8869
Butyl Benzyl Phthalate	50.0	679065.000	0.6398	3.00	40298.0000	0.7796	15.0	196174.000	0.7160
Chrysene	50.0	1411118.00	1.330	3.00	74490.0000	1.441	15.0	349393.000	1.275
Di-n-Butyl Phthalate	50.0	1560061.00	1.491	3.00	86410.0000	1.613	15.0	427847.000	1.499
Dibenz[ah]anthracene	50.0	956997.000	1.146	3.00	38429.0000	0.9423	15.0	214726.000	0.9845
Dibenzofuran	50.0	1117938.00	1.765	3.00	66316.0000	1.946	15.0	305889.000	1.725
Diethylphthalate	50.0	917401.000	1.449	3.00	54907.0000	1.611	15.0	255450.000	1.440
Dimethylphthalate	50.0	860517.000	1.359	3.00	51573.0000	1.513	15.0	239311.000	1.349
Fluorene	50.0	905086.000	1.429	3.00	51561.0000	1.513	15.0	242294.000	1.366
Hexachlorobenzene	50.0	294954.000	0.2819	3.00	16447.0000	0.3071	15.0	75089.0000	0.2630
Hexachloroethane	50.0	185100.000	0.6747	3.00	11687.0000	0.7477	15.0	53122.0000	0.6626
Indeno[1,2,3-cd]pyrene	50.0	1116161.00	1.336	3.00	46053.0000	1.129	15.0	251979.000	1.155
Isophorone	50.0	758565.000	0.7398	3.00	46995.0000	0.8241	15.0	221113.000	0.7546
Naphthalene	50.0	1132547.00	1.105	3.00	69703.0000	1.222	15.0	316947.000	1.082
Nitrobenzene	50.0	455757.000	0.4445	3.00	29611.0000	0.5192	15.0	133536.000	0.4557
Phenanthrene	50.0	1342481.00	1.283	3.00	75187.0000	1.404	15.0	349183.000	1.223
Pyrene	50.0	1600570.00	1.508	3.00	85446.0000	1.653	15.0	411423.000	1.502
bis(2-Chloroethoxy)methane	50.0	602831.000	0.5879	3.00	37675.0000	0.6606	15.0	173098.000	0.5907
bis(2-Chloroethyl)ether	50.0	254404.000	0.9273	3.00	16819.0000	1.076	15.0	75053.0000	0.9361
bis(2-Chloroisopropyl)ether	50.0	414987.000	1.513	3.00	26535.0000	1.698	15.0	120876.000	1.508
bis(2-Ethylhexyl)phthalate	50.0	977689.000	0.9211	3.00	57695.0000	1.116	15.0	272506.000	0.9946

KEMRON FORMS - Modified 09/06/2006
Version 1.6 PDF File ID: 591941
Report generated 10/10/2006 14:03

INITIAL CALIBRATION DATA

00092072

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 25-SEP-06 13:22

Column ID: F

Analyte	WG223227-05			WG223227-06			WG223227-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,4-Dichlorobenzene	25.0	202965.000	1.611	80.0	656037.000	1.576	100	853952.000	1.579
2,4,6-Trichlorophenol	25.0	119203.000	0.4163	80.0	408747.000	0.4235	100	534287.000	0.4350
2,4-Dichlorophenol	25.0	146570.000	0.3125	80.0	492438.000	0.3147	100	641782.000	0.3180
2-Nitrophenol	25.0	99456.0000	0.2121	80.0	334248.000	0.2136	100	427029.000	0.2116
4-Chloro-3-Methylphenol	25.0	164502.000	0.3508	80.0	532331.000	0.3402	100	673477.000	0.3337
Acenaphthene	25.0	349371.000	1.220	80.0	1161631.00	1.204	100	1453112.00	1.183
Benzo[a]pyrene	25.0	483479.000	1.333	80.0	1753954.00	1.428	100	2264593.00	1.449
Di-n-Octyl Phthalate	25.0	675587.000	1.863	80.0	2342559.00	1.907	100	2963385.00	1.897
Fluoranthene	25.0	650315.000	1.416	80.0	2208414.00	1.397	100	2761180.00	1.367
Hexachlorobutadiene	25.0	108683.000	0.2318	80.0	355054.000	0.2269	100	457118.000	0.2265
Pentachlorophenol	25.0	49816.0000	0.1084	80.0	251938.000	0.1594	100	347146.000	0.1718
Phenol	25.0	225270.000	1.788	80.0	719319.000	1.728	100	918366.000	1.698
n-Nitrosodiphenylamine	25.0	354511.000	0.7716	80.0	1208546.00	0.7645	100	1541752.00	0.7632
2,4-Dinitrophenol	25.0	23492.0000	0.08200	80.0	159091.000	0.1648	100	221719.000	0.1805
4-Nitrophenol	25.0	77527.0000	0.2707	80.0	253684.000	0.2628	100	320102.000	0.2606
Hexachlorocyclopentadiene	25.0	94840.0000	0.3312	80.0	339542.000	0.3518	100	442156.000	0.3600
n-Nitrosodipropylamine	25.0	144379.000	1.146	80.0	417147.000	1.002	100	510729.000	0.9442
1,2,4-Trichlorobenzene	25.0	169932.000	0.3624	80.0	562172.000	0.3593	100	721947.000	0.3578
1,2-Dichlorobenzene	25.0	184150.000	1.462	80.0	601990.000	1.446	100	777039.000	1.437
1,3-Dichlorobenzene	25.0	194707.000	1.545	80.0	631760.000	1.517	100	820360.000	1.517
2,4,5-Trichlorophenol	25.0	123936.000	0.4328	80.0	434665.000	0.4503	100	566164.000	0.4610
2,4-Dimethylphenol	25.0	164077.000	0.3499	80.0	545539.000	0.3487	100	697083.000	0.3454
2,4-Dinitrotoluene	25.0	118566.000	0.4140	80.0	403651.000	0.4182	100	507523.000	0.4132
2,6-Dinitrotoluene	25.0	93952.0000	0.3281	80.0	313964.000	0.3253	100	404820.000	0.3296
2-Chloronaphthalene	25.0	396003.000	1.383	80.0	1304287.00	1.351	100	1673694.00	1.363
2-Chlorophenol	25.0	179343.000	1.423	80.0	582599.000	1.399	100	756054.000	1.398
2-Methylnaphthalene	25.0	333343.000	0.7108	80.0	1108034.00	0.7082	100	1422925.00	0.7051
2-Methylphenol	25.0	140717.000	1.117	80.0	460419.000	1.106	100	598252.000	1.106
2-Nitroaniline	25.0	106910.000	0.3733	80.0	344149.000	0.3565	100	429096.000	0.3494
3,3'-Dichlorobenzidine	25.0	208875.000	0.4564	80.0	756382.000	0.4720	100	991424.000	0.4754
3-,4-Methylphenol	25.0	177453.000	1.408	80.0	587295.000	1.411	100	757663.000	1.401
3-Nitroaniline	25.0	90718.0000	0.3168	80.0	309716.000	0.3209	100	402763.000	0.3279
4,6-Dinitro-2-Methylphenol	25.0	53800.0000	0.1171	80.0	249619.000	0.1579	100	336999.000	0.1668
4-Bromophenyl Phenyl Ether	25.0	118486.000	0.2579	80.0	421563.000	0.2667	100	555551.000	0.2750
4-Chloroaniline	25.0	217272.000	0.4633	80.0	728250.000	0.4654	100	937237.000	0.4645
4-Chlorophenyl Phenyl Ether	25.0	214762.000	0.7500	80.0	729285.000	0.7556	100	905103.000	0.7370
4-Nitroaniline	25.0	98336.0000	0.3434	80.0	330777.000	0.3427	100	420181.000	0.3421
Acenaphthylene	25.0	528654.000	1.846	80.0	1733409.00	1.796	100	2197283.00	1.789
Anthracene	25.0	585665.000	1.275	80.0	2018135.00	1.277	100	2527797.00	1.251
Benzo[a]anthracene	25.0	627449.000	1.371	80.0	2260775.00	1.411	100	2883022.00	1.383
Benzo[b]fluoranthene	25.0	633183.000	1.746	80.0	2382283.00	1.939	100	2766423.00	1.771
Benzo[ghi]perylene	25.0	360317.000	0.9935	80.0	1271086.00	1.035	100	1602306.00	1.026

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Version 1.6 PDF File ID: 591941
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INITIAL CALIBRATION DATA

00092073

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 25-SEP-06 13:22

Column ID: F

Analyte	WG223227-05			WG223227-06			WG223227-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Benzo[k]fluoranthene	25.0	516467.000	1.424	80.0	1839699.00	1.498	100	2367573.00	1.515
Benzoic Acid	25.0	57257.0000	0.1221	80.0	367826.000	0.2351	100	553577.000	0.2743
Benzyl Alcohol	25.0	116857.000	0.9275	80.0	387674.000	0.9311	100	500459.000	0.9252
Butyl Benzyl Phthalate	25.0	324921.000	0.7100	80.0	918641.000	0.5733	100	1083127.00	0.5194
Chrysene	25.0	597716.000	1.306	80.0	2137942.00	1.334	100	2738446.00	1.313
Di-n-Butyl Phthalate	25.0	708536.000	1.542	80.0	2264320.00	1.432	100	2801002.00	1.387
Dibenz[ah]anthracene	25.0	383483.000	1.057	80.0	1445525.00	1.177	100	1858484.00	1.190
Dibenzofuran	25.0	507137.000	1.771	80.0	1626877.00	1.686	100	2023352.00	1.648
Diethylphthalate	25.0	421422.000	1.472	80.0	1345374.00	1.394	100	1704493.00	1.388
Dimethylphthalate	25.0	392210.000	1.370	80.0	1284541.00	1.331	100	1637260.00	1.333
Fluorene	25.0	403041.000	1.407	80.0	1322826.00	1.371	100	1660260.00	1.352
Hexachlorobenzene	25.0	126303.000	0.2749	80.0	454453.000	0.2875	100	594174.000	0.2941
Hexachloroethane	25.0	86852.0000	0.6893	80.0	274020.000	0.6581	100	350051.000	0.6472
Indeno[1,2,3-cd]pyrene	25.0	451355.000	1.245	80.0	1674658.00	1.363	100	2158906.00	1.382
Isophorone	25.0	357393.000	0.7621	80.0	1111668.00	0.7105	100	1405426.00	0.6965
Naphthalene	25.0	515793.000	1.100	80.0	1685904.00	1.078	100	2132463.00	1.057
Nitrobenzene	25.0	218806.000	0.4666	80.0	675462.000	0.4317	100	843721.000	0.4181
Phenanthrene	25.0	588267.000	1.281	80.0	1981898.00	1.254	100	2502037.00	1.239
Pyrene	25.0	699676.000	1.529	80.0	2356276.00	1.471	100	2957010.00	1.418
bis(2-Chloroethoxy)methane	25.0	283250.000	0.6040	80.0	863197.000	0.5517	100	1070363.00	0.5304
bis(2-Chloroethyl)ether	25.0	122392.000	0.9714	80.0	370856.000	0.8907	100	464342.000	0.8585
bis(2-Chloroisopropyl)ether	25.0	196385.000	1.559	80.0	615255.000	1.478	100	781873.000	1.446
bis(2-Ethylhexyl)phthalate	25.0	448245.000	0.9795	80.0	1445780.00	0.9023	100	1798326.00	0.8624

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Version 1.6 PDF File ID: 591941
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INITIAL CALIBRATION DATA

00092074

Login Number:L0609540 Instrument ID:HPMS5

Analytical Method:8270C Initial Calibration Date:25-SEP-06 13:22

Column ID:F

Analyte	WG223227-08		
	CONC	RESP	RF
1,4-Dichlorobenzene	120	1016134.00	1.625
2,4,6-Trichlorophenol	120	636031.000	0.4519
2,4-Dichlorophenol	120	763634.000	0.3298
2-Nitrophenol	120	505419.000	0.2183
4-Chloro-3-Methylphenol	120	792929.000	0.3425
Acenaphthene	120	1682578.00	1.196
Benzo[a]pyrene	120	2650240.00	1.538
Di-n-Octyl Phthalate	120	3460847.00	2.008
Fluoranthene	120	3228468.00	1.401
Hexachlorobutadiene	120	544703.000	0.2353
Pentachlorophenol	120	437327.000	0.1897
Phenol	120	1084116.00	1.734
n-Nitrosodiphenylamine	120	1803204.00	0.7824
2,4-Dinitrophenol	120	268308.000	0.1906
4-Nitrophenol	120	377694.000	0.2684
Hexachlorocyclopentadiene	120	520968.000	0.3702
n-Nitrosodipropylamine	120	578495.000	0.9251
1,2,4-Trichlorobenzene	120	859770.000	0.3713
1,2-Dichlorobenzene	120	922951.000	1.476
1,3-Dichlorobenzene	120	975952.000	1.561
2,4,5-Trichlorophenol	120	672035.000	0.4775
2,4-Dimethylphenol	120	814764.000	0.3519
2,4-Dinitrotoluene	120	590028.000	0.4193
2,6-Dinitrotoluene	120	481788.000	0.3423
2-Chloronaphthalene	120	1944671.00	1.382
2-Chlorophenol	120	906084.000	1.449
2-Methylnaphthalene	120	1666787.00	0.7199
2-Methylphenol	120	707173.000	1.131
2-Nitroaniline	120	493207.000	0.3505
3,3'-Dichlorobenzidine	120	1169978.00	0.4992
3-,4-Methylphenol	120	899271.000	1.438
3-Nitroaniline	120	480268.000	0.3413
4,6-Dinitro-2-Methylphenol	120	414408.000	0.1798
4-Bromophenyl Phenyl Ether	120	661050.000	0.2868
4-Chloroaniline	120	1110879.00	0.4798
4-Chlorophenyl Phenyl Ether	120	1041567.00	0.7401
4-Nitroaniline	120	487728.000	0.3466
Acenaphthylene	120	2581785.00	1.835
Anthracene	120	2933509.00	1.273
Benzo[a]anthracene	120	3406046.00	1.453
Benzo[b]fluoranthene	120	3555040.00	2.063
Benzo[ghi]perylene	120	1798147.00	1.044

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KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092075

Login Number:L0609540

Instrument ID:HPMS5

Analytical Method:8270C

Initial Calibration Date:25-SEP-06 13:22

Column ID:F

Analyte	WG223227-08		
	CONC	RESP	RF
Benzo[k]fluoranthene	120	2767479.00	1.606
Benzoic Acid	120	709755.000	0.3065
Benzyl Alcohol	120	595244.000	0.9519
Butyl Benzyl Phthalate	120	1209408.00	0.5160
Chrysene	120	3192780.00	1.362
Di-n-Butyl Phthalate	120	3217697.00	1.396
Dibenz[ah]anthracene	120	2105372.00	1.222
Dibenzofuran	120	2328526.00	1.655
Diethylphthalate	120	1991261.00	1.415
Dimethylphthalate	120	1920033.00	1.364
Fluorene	120	1930986.00	1.372
Hexachlorobenzene	120	714972.000	0.3102
Hexachloroethane	120	407749.000	0.6520
Indeno[1,2,3-cd]pyrene	120	2444512.00	1.419
Isophorone	120	1634853.00	0.7061
Naphthalene	120	2507979.00	1.083
Nitrobenzene	120	981031.000	0.4237
Phenanthrene	120	2910289.00	1.263
Pyrene	120	3405424.00	1.453
bis(2-Chloroethoxy)methane	120	1226847.00	0.5299
bis(2-Chloroethyl)ether	120	537999.000	0.8603
bis(2-Chloroisopropyl)ether	120	918494.000	1.469
bis(2-Ethylhexyl)phthalate	120	2080902.00	0.8878

KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092076

Login Number: L0609540
Analytical Method: 8270C

Instrument ID: HPMS5
Initial Calibration Date: 05-OCT-06 12:08
Column ID: F

Analyte	WG224008-02			WG224008-03			WG224008-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,4-Dichlorobenzene	50.0	1074321.00	1.550	3.00	91122.0000	1.999	15.0	390356.000	1.713
2,4,6-Trichlorophenol	50.0	569706.000	0.3655	3.00	37363.0000	0.3814	15.0	198304.000	0.3951
2,4-Dichlorophenol	50.0	772789.000	0.2865	3.00	58320.0000	0.3428	15.0	275574.000	0.3183
2-Nitrophenol	50.0	478588.000	0.1774	3.00	28835.0000	0.1695	15.0	164599.000	0.1901
4-Chloro-3-Methylphenol	50.0	833899.000	0.3092	3.00	60769.0000	0.3572	15.0	289861.000	0.3349
Acenaphthene	50.0	1618098.00	1.038	3.00	134543.000	1.373	15.0	595475.000	1.187
Benzo[a]pyrene	50.0	2553492.00	1.264	3.00	192154.000	1.514	15.0	933749.000	1.369
Di-n-Octyl Phthalate	50.0	3495519.00	1.730	3.00	257361.000	2.028	15.0	1225459.00	1.797
Fluoranthene	50.0	2768608.00	1.249	3.00	233319.000	1.707	15.0	1041165.00	1.478
Hexachlorobutadiene	50.0	443088.000	0.1643	3.00	38449.0000	0.2260	15.0	168661.000	0.1948
Pentachlorophenol	50.0	272934.000	0.1231	NA	NA	NA	15.0	47893.0000	0.06800
Phenol	50.0	1191277.00	1.719	3.00	91510.0000	2.007	15.0	419025.000	1.839
n-Nitrosodiphenylamine	50.0	1685259.00	0.7601	3.00	139034.000	1.017	15.0	623080.000	0.8843
2,4-Dinitrophenol	50.0	110327.000	0.07080	NA	NA	NA	15.0	15650.0000	0.03120
4-Nitrophenol	50.0	373985.000	0.2399	NA	NA	NA	15.0	105810.000	0.2108
Hexachlorocyclopentadiene	50.0	376767.000	0.2417	3.00	19695.0000	0.2010	15.0	124157.000	0.2474
n-Nitrosodipropylamine	50.0	710598.000	1.025	3.00	59141.0000	1.297	15.0	257205.000	1.129
1,2,4-Trichlorobenzene	50.0	825352.000	0.3060	3.00	70250.0000	0.4129	15.0	305786.000	0.3533
1,2-Dichlorobenzene	50.0	1002322.00	1.446	3.00	84247.0000	1.848	15.0	364202.000	1.599
1,3-Dichlorobenzene	50.0	1055189.00	1.522	3.00	88375.0000	1.939	15.0	384292.000	1.687
2,4,5-Trichlorophenol	50.0	594181.000	0.3812	3.00	39764.0000	0.4059	15.0	207954.000	0.4143
2,4-Dimethylphenol	50.0	872111.000	0.3233	3.00	69750.0000	0.4099	15.0	317881.000	0.3672
2,4-Dinitrotoluene	50.0	537111.000	0.3446	3.00	29790.0000	0.3041	15.0	186311.000	0.3712
2,6-Dinitrotoluene	50.0	484255.000	0.3107	3.00	31485.0000	0.3214	15.0	166321.000	0.3314
2-Chloronaphthalene	50.0	1963936.00	1.260	3.00	167680.000	1.712	15.0	735418.000	1.465
2-Chlorophenol	50.0	1016776.00	1.467	3.00	78283.0000	1.717	15.0	356017.000	1.563
2-Methylnaphthalene	50.0	1734761.00	0.6431	3.00	147415.000	0.8664	15.0	637210.000	0.7361
2-Methylphenol	50.0	776606.000	1.120	3.00	59847.0000	1.313	15.0	272757.000	1.197
2-Nitroaniline	50.0	527618.000	0.3385	NA	NA	NA	15.0	171060.000	0.3408
3,3'-Dichlorobenzidine	50.0	986140.000	0.4843	3.00	80384.0000	0.6214	15.0	353236.000	0.5304
3-,4-Methylphenol	50.0	978323.000	1.411	3.00	75206.0000	1.650	15.0	350170.000	1.537
3-Nitroaniline	50.0	500408.000	0.3210	NA	NA	NA	15.0	158954.000	0.3167
4,6-Dinitro-2-Methylphenol	50.0	274728.000	0.1239	NA	NA	NA	15.0	56799.0000	0.08060
4-Bromophenyl Phenyl Ether	50.0	538964.000	0.2431	3.00	45341.0000	0.3318	15.0	198961.000	0.2824
4-Chloroaniline	50.0	1196630.00	0.4436	3.00	91465.0000	0.5376	15.0	423340.000	0.4891
4-Chlorophenyl Phenyl Ether	50.0	882861.000	0.5664	3.00	78778.0000	0.8041	15.0	345708.000	0.6888
4-Nitroaniline	50.0	483287.000	0.3100	NA	NA	NA	15.0	167810.000	0.3344
Acenaphthylene	50.0	2535259.00	1.627	3.00	211717.000	2.161	15.0	939750.000	1.872
Anthracene	50.0	2712850.00	1.224	3.00	230887.000	1.689	15.0	1013860.00	1.439
Benzo[a]anthracene	50.0	2673434.00	1.313	3.00	224443.000	1.735	15.0	993922.000	1.493
Benzo[b]fluoranthene	50.0	2664527.00	1.319	3.00	239501.000	1.888	15.0	999678.000	1.466
Benzo[ghi]perylene	50.0	2451320.00	1.213	3.00	173854.000	1.370	15.0	891223.000	1.307

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Version 1.6 PDF File ID: 591941
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INITIAL CALIBRATION DATA

00092077

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 05-OCT-06 12:08

Column ID: F

Analyte	WG224008-02			WG224008-03			WG224008-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Benzo[k]fluoranthene	50.0	2335317.00	1.156	3.00	201942.000	1.592	15.0	920004.000	1.349
Benzoic Acid	50.0	443503.000	0.1644	NA	NA	NA	15.0	61094.0000	0.07060
Benzyl Alcohol	50.0	655137.000	0.9452	3.00	49182.0000	1.079	15.0	227284.000	0.9976
Butyl Benzyl Phthalate	50.0	1279593.00	0.6284	3.00	120677.000	0.9329	15.0	512292.000	0.7693
Chrysene	50.0	2560797.00	1.258	3.00	216423.000	1.673	15.0	949425.000	1.426
Di-n-Butyl Phthalate	50.0	3243755.00	1.463	3.00	265757.000	1.945	15.0	1216716.00	1.727
Dibenz[ah]anthracene	50.0	2396153.00	1.186	3.00	172800.000	1.362	15.0	884345.000	1.297
Dibenzofuran	50.0	2228731.00	1.430	3.00	203720.000	2.079	15.0	867819.000	1.729
Diethylphthalate	50.0	1935513.00	1.242	3.00	162507.000	1.659	15.0	718457.000	1.432
Dimethylphthalate	50.0	1974008.00	1.266	3.00	164941.000	1.684	15.0	725594.000	1.446
Fluorene	50.0	1899793.00	1.219	3.00	166974.000	1.704	15.0	725914.000	1.446
Hexachlorobenzene	50.0	568544.000	0.2564	3.00	49068.0000	0.3590	15.0	214746.000	0.3048
Hexachloroethane	50.0	439936.000	0.6347	3.00	34175.0000	0.7497	15.0	155248.000	0.6814
Indeno[1,2,3-cd]pyrene	50.0	2817033.00	1.394	3.00	205482.000	1.619	15.0	1039522.00	1.524
Isophorone	50.0	1810794.00	0.6713	3.00	137673.000	0.8091	15.0	633053.000	0.7313
Naphthalene	50.0	2719669.00	1.008	3.00	233794.000	1.374	15.0	1006268.00	1.163
Nitrobenzene	50.0	1047755.00	0.3884	3.00	77557.0000	0.4558	15.0	359864.000	0.4157
Phenanthrene	50.0	2676995.00	1.208	3.00	233261.000	1.707	15.0	1004458.00	1.426
Pyrene	50.0	2960202.00	1.454	3.00	252641.000	1.953	15.0	1117893.00	1.679
bis(2-Chloroethoxy)methane	50.0	1383427.00	0.5129	3.00	116097.000	0.6823	15.0	508311.000	0.5872
bis(2-Chloroethyl)ether	50.0	672193.000	0.9698	3.00	54178.0000	1.189	15.0	235480.000	1.034
bis(2-Chloroisopropyl)ether	50.0	1445215.00	2.085	3.00	110188.000	2.417	15.0	492575.000	2.162
bis(2-Ethylhexyl)phthalate	50.0	2033095.00	0.9984	3.00	158812.000	1.228	15.0	746037.000	1.120

INITIAL CALIBRATION DATA

00092078

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 05-OCT-06 12:08

Column ID: F

Analyte	WG224008-05			WG224008-06			WG224008-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,4-Dichlorobenzene	25.0	602933.000	1.726	80.0	1889786.00	1.568	100	2375970.00	1.536
2,4,6-Trichlorophenol	25.0	311858.000	0.4024	80.0	1030308.00	0.3723	100	1318351.00	0.3708
2,4-Dichlorophenol	25.0	421505.000	0.3144	80.0	1409729.00	0.2991	100	1783931.00	0.2943
2-Nitrophenol	25.0	261395.000	0.1950	80.0	854902.000	0.1814	100	1077994.00	0.1778
4-Chloro-3-Methylphenol	25.0	458168.000	0.3418	80.0	1435913.00	0.3047	100	1781110.00	0.2938
Acenaphthene	25.0	916066.000	1.182	80.0	2812346.00	1.016	100	3517035.00	0.9893
Benzo[a]pyrene	25.0	1393736.00	1.388	80.0	4609579.00	1.288	100	5927334.00	1.260
Di-n-Octyl Phthalate	25.0	1916479.00	1.909	80.0	5921416.00	1.655	100	7316116.00	1.556
Fluoranthene	25.0	1571972.00	1.442	80.0	4850248.00	1.232	100	6042176.00	1.179
Hexachlorobutadiene	25.0	255377.000	0.1905	80.0	815793.000	0.1731	100	1029307.00	0.1698
Pentachlorophenol	25.0	106270.000	0.09750	80.0	555734.000	0.1412	100	747039.000	0.1458
Phenol	25.0	654672.000	1.874	80.0	2022201.00	1.678	100	2520357.00	1.630
n-Nitrosodiphenylamine	25.0	953185.000	0.8741	80.0	2922871.00	0.7424	100	3620248.00	0.7066
2,4-Dinitrophenol	25.0	40467.0000	0.05220	80.0	292537.000	0.1057	100	427960.000	0.1204
4-Nitrophenol	25.0	183185.000	0.2364	80.0	673208.000	0.2433	100	843777.000	0.2373
Hexachlorocyclopentadiene	25.0	201764.000	0.2604	80.0	724042.000	0.2617	100	917471.000	0.2581
n-Nitrosodipropylamine	25.0	402344.000	1.152	80.0	1162641.00	0.9644	100	1422232.00	0.9197
1,2,4-Trichlorobenzene	25.0	465960.000	0.3476	80.0	1473168.00	0.3126	100	1825552.00	0.3011
1,2-Dichlorobenzene	25.0	561651.000	1.608	80.0	1769059.00	1.468	100	2218774.00	1.435
1,3-Dichlorobenzene	25.0	589562.000	1.688	80.0	1866096.00	1.548	100	2336534.00	1.511
2,4,5-Trichlorophenol	25.0	326724.000	0.4216	80.0	1083041.00	0.3914	100	1400327.00	0.3939
2,4-Dimethylphenol	25.0	490417.000	0.3658	80.0	1480884.00	0.3142	100	1816637.00	0.2997
2,4-Dinitrotoluene	25.0	299932.000	0.3870	80.0	946200.000	0.3419	100	1195451.00	0.3363
2,6-Dinitrotoluene	25.0	263850.000	0.3405	80.0	873279.000	0.3156	100	1114667.00	0.3135
2-Chloronaphthalene	25.0	1112575.00	1.436	80.0	3423813.00	1.237	100	4271590.00	1.202
2-Chlorophenol	25.0	558608.000	1.599	80.0	1801560.00	1.494	100	2274823.00	1.471
2-Methylnaphthalene	25.0	985202.000	0.7349	80.0	3011801.00	0.6390	100	3734654.00	0.6160
2-Methylphenol	25.0	428246.000	1.226	80.0	1357885.00	1.126	100	1723918.00	1.115
2-Nitroaniline	25.0	283843.000	0.3663	80.0	903437.000	0.3265	100	1136059.00	0.3196
3,3'-Dichlorobenzidine	25.0	545528.000	0.5302	80.0	1756523.00	0.4798	100	2247166.00	0.4675
3-,4-Methylphenol	25.0	540493.000	1.547	80.0	1700206.00	1.410	100	2130506.00	1.378
3-Nitroaniline	25.0	261631.000	0.3376	80.0	889634.000	0.3215	100	1139306.00	0.3205
4,6-Dinitro-2-Methylphenol	25.0	121049.000	0.1110	80.0	589602.000	0.1498	100	791332.000	0.1545
4-Bromophenyl Phenyl Ether	25.0	300002.000	0.2751	80.0	971632.000	0.2468	100	1238720.00	0.2418
4-Chloroaniline	25.0	659861.000	0.4922	80.0	2078003.00	0.4409	100	2608879.00	0.4303
4-Chlorophenyl Phenyl Ether	25.0	509775.000	0.6578	80.0	1527161.00	0.5519	100	1886143.00	0.5306
4-Nitroaniline	25.0	266573.000	0.3440	80.0	859535.000	0.3106	100	1096316.00	0.3084
Acenaphthylene	25.0	1424351.00	1.838	80.0	4352646.00	1.573	100	5363717.00	1.509
Anthracene	25.0	1551901.00	1.423	80.0	4684281.00	1.190	100	5814074.00	1.135
Benzo[a]anthracene	25.0	1507991.00	1.466	80.0	4818953.00	1.316	100	6161334.00	1.282
Benzo[b]fluoranthene	25.0	1566717.00	1.560	80.0	4673738.00	1.306	100	6004259.00	1.277
Benzo[ghi]perylene	25.0	1310989.00	1.306	80.0	4461534.00	1.247	100	5678277.00	1.207

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INITIAL CALIBRATION DATA

00092079

Login Number: L0609540 **Instrument ID:** HPMS5

Analytical Method: 8270C **Initial Calibration Date:** 05-OCT-06 12:08

Column ID: F

Analyte	WG224008-05			WG224008-06			WG224008-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Benzo[k]fluoranthene	25.0	1419113.00	1.413	80.0	4321734.00	1.208	100	6202557.00	1.319
Benzoic Acid	25.0	163515.000	0.1220	80.0	1057436.00	0.2244	100	1489720.00	0.2457
Benzyl Alcohol	25.0	357960.000	1.025	80.0	1147943.00	0.9522	100	1449645.00	0.9374
Butyl Benzyl Phthalate	25.0	759776.000	0.7384	80.0	2055097.00	0.5614	100	2515093.00	0.5232
Chrysene	25.0	1432996.00	1.393	80.0	4559721.00	1.246	100	5737571.00	1.194
Di-n-Butyl Phthalate	25.0	1869144.00	1.714	80.0	5368341.00	1.364	100	6559147.00	1.280
Dibenz[ah]anthracene	25.0	1287851.00	1.283	80.0	4336564.00	1.212	100	5577799.00	1.186
Dibenzofuran	25.0	1301964.00	1.680	80.0	3805609.00	1.375	100	4691921.00	1.320
Diethylphthalate	25.0	1103224.00	1.424	80.0	3300184.00	1.193	100	4117287.00	1.158
Dimethylphthalate	25.0	1111145.00	1.434	80.0	3404701.00	1.230	100	4237297.00	1.192
Fluorene	25.0	1099945.00	1.419	80.0	3315946.00	1.198	100	4128121.00	1.161
Hexachlorobenzene	25.0	322603.000	0.2958	80.0	1033422.00	0.2625	100	1318627.00	0.2574
Hexachloroethane	25.0	243989.000	0.6985	80.0	762987.000	0.6329	100	955605.000	0.6179
Indeno[1,2,3-cd]pyrene	25.0	1511626.00	1.505	80.0	5111137.00	1.429	100	6586979.00	1.401
Isophorone	25.0	1004549.00	0.7493	80.0	3031236.00	0.6431	100	3746911.00	0.6180
Naphthalene	25.0	1549892.00	1.156	80.0	4651685.00	0.9869	100	5756038.00	0.9495
Nitrobenzene	25.0	575441.000	0.4292	80.0	1768100.00	0.3751	100	2186085.00	0.3606
Phenanthrene	25.0	1525294.00	1.399	80.0	4641610.00	1.179	100	5738033.00	1.120
Pyrene	25.0	1687370.00	1.640	80.0	5139586.00	1.404	100	6381007.00	1.327
bis(2-Chloroethoxy)methane	25.0	793270.000	0.5917	80.0	2283866.00	0.4846	100	2801416.00	0.4621
bis(2-Chloroethyl)ether	25.0	372500.000	1.066	80.0	1123730.00	0.9322	100	1382287.00	0.8938
bis(2-Chloroisopropyl)ether	25.0	791553.000	2.266	80.0	2355747.00	1.954	100	2886102.00	1.866
bis(2-Ethylhexyl)phthalate	25.0	1142972.00	1.111	80.0	3418891.00	0.9340	100	4192034.00	0.8720

KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092080

Login Number:L0609540 Instrument ID:HPMS5

Analytical Method:8270C Initial Calibration Date:05-OCT-06 12:08

Column ID:F

Analyte	WG224008-08		
	CONC	RESP	RF
1,4-Dichlorobenzene	120	2534199.00	1.552
2,4,6-Trichlorophenol	120	1397191.00	0.3697
2,4-Dichlorophenol	120	1902231.00	0.2952
2-Nitrophenol	120	1154166.00	0.1791
4-Chloro-3-Methylphenol	120	1940195.00	0.3011
Acenaphthene	120	3730305.00	0.9870
Benzo[a]pyrene	120	6229759.00	1.304
Di-n-Octyl Phthalate	120	7835143.00	1.640
Fluoranthene	120	6291134.00	1.167
Hexachlorobutadiene	120	1078202.00	0.1673
Pentachlorophenol	120	806098.000	0.1496
Phenol	120	2745554.00	1.681
n-Nitrosodiphenylamine	120	3840767.00	0.7126
2,4-Dinitrophenol	120	492704.000	0.1304
4-Nitrophenol	120	964416.000	0.2552
Hexachlorocyclopentadiene	120	946915.000	0.2506
n-Nitrosodipropylamine	120	1564006.00	0.9577
1,2,4-Trichlorobenzene	120	1919257.00	0.2979
1,2-Dichlorobenzene	120	2369167.00	1.451
1,3-Dichlorobenzene	120	2501174.00	1.532
2,4,5-Trichlorophenol	120	1472837.00	0.3897
2,4-Dimethylphenol	120	1951136.00	0.3028
2,4-Dinitrotoluene	120	1278339.00	0.3383
2,6-Dinitrotoluene	120	1191221.00	0.3152
2-Chloronaphthalene	120	4485513.00	1.187
2-Chlorophenol	120	2457067.00	1.505
2-Methylnaphthalene	120	3958588.00	0.6144
2-Methylphenol	120	1888894.00	1.157
2-Nitroaniline	120	1270692.00	0.3362
3,3'-Dichlorobenzidine	120	2350474.00	0.4792
3-,4-Methylphenol	120	2307662.00	1.413
3-Nitroaniline	120	1243177.00	0.3289
4,6-Dinitro-2-Methylphenol	120	861471.000	0.1598
4-Bromophenyl Phenyl Ether	120	1304982.00	0.2421
4-Chloroaniline	120	2812788.00	0.4365
4-Chlorophenyl Phenyl Ether	120	1954994.00	0.5173
4-Nitroaniline	120	1189948.00	0.3149
Acenaphthylene	120	5706137.00	1.510
Anthracene	120	6101636.00	1.132
Benzo[a]anthracene	120	6404593.00	1.306
Benzo[b]fluoranthene	120	6415217.00	1.343
Benzo[ghi]perylene	120	5819249.00	1.218

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KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092081

Login Number: L0609540

Instrument ID: HPMS5

Analytical Method: 8270C

Initial Calibration Date: 05-OCT-06 12:08

Column ID: F

Analyte	WG224008-08		
	CONC	RESP	RF
Benzo[k]fluoranthene	120	6347980.00	1.329
Benzoic Acid	120	1693874.00	0.2629
Benzyl Alcohol	120	1581304.00	0.9683
Butyl Benzyl Phthalate	120	2618264.00	0.5338
Chrysene	120	5998082.00	1.223
Di-n-Butyl Phthalate	120	6920427.00	1.284
Dibenz[ah]anthracene	120	5798730.00	1.214
Dibenzofuran	120	4954229.00	1.311
Diethylphthalate	120	4379883.00	1.159
Dimethylphthalate	120	4488970.00	1.188
Fluorene	120	4361749.00	1.154
Hexachlorobenzene	120	1378392.00	0.2557
Hexachloroethane	120	1039180.00	0.6363
Indeno[1,2,3-cd]pyrene	120	6841655.00	1.432
Isophorone	120	4121771.00	0.6397
Naphthalene	120	6121287.00	0.9500
Nitrobenzene	120	2427073.00	0.3767
Phenanthrene	120	5971068.00	1.108
Pyrene	120	6648661.00	1.355
bis(2-Chloroethoxy)methane	NA	NA	NA
bis(2-Chloroethyl)ether	120	1530056.00	0.9369
bis(2-Chloroisopropyl)ether	120	3236546.00	1.982
bis(2-Ethylhexyl)phthalate	120	4447183.00	0.9066

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092082

Login Number:L0609540 Run Date:09/25/2006 Sample ID:WG223227-09
Instrument ID:HPMS5 Run Time:13:55 Method:8270C
File ID:5M42538 Analyst:MDC
ICal Workgroup:WG223227 Cal ID: HPMS5 - 25-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Phenol	CCC	50	49.2	1.74	1.5	ug/mL	
1,4-Dichlorobenzene	CCC	50	47.4	1.53	5.2	ug/mL	
2-Nitrophenol	CCC	50	50.8	0.217	1.6	ug/mL	
2,4-Dichlorophenol	CCC	50	50.1	0.318	.3	ug/mL	
Hexachlorobutadiene	CCC	50	52.5	0.246	5	ug/mL	
4-Chloro-3-Methylphenol	CCC	50	49.5	0.341	1	ug/mL	
2,4,6-Trichlorophenol	CCC	50	49.6	0.422	.7	ug/mL	
Acenaphthene	CCC	50	54.5	1.32	8.9	ug/mL	
n-Nitrosodiphenylamine	CCC	50	40.2	0.623	19.5	ug/mL	
Pentachlorophenol	CCC	50	58.8	0.168	17.6	ug/mL	
Fluoranthene	CCC	50	56.6	1.59	13.2	ug/mL	
Di-n-Octyl Phthalate	CCC	50	51.7	1.93	3.4	ug/mL	
Benzo[a]pyrene	CCC	50	54.5	1.52	9.1	ug/mL	
n-Nitrosodipropylamine	SPCC	50	50.4	1.08	.7	ug/mL	
Hexachlorocyclopentadiene	SPCC	50	58.1	0.388	16.3	ug/mL	
2,4-Dinitrophenol	SPCC	50	50.2	0.151	.3	ug/mL	
4-Nitrophenol	SPCC	50	46.9	0.247	6.2	ug/mL	
bis(2-Chloroethyl)ether		50	51.1	0.952	2.2	ug/mL	
2-Chlorophenol		50	49.2	1.41	1.6	ug/mL	
1,3-Dichlorobenzene		50	48.1	1.50	3.8	ug/mL	
Benzyl Alcohol		50	48.5	0.900	3	ug/mL	
1,2-Dichlorobenzene		50	49.1	1.45	1.7	ug/mL	
2-Methylphenol		50	49.8	1.12	.3	ug/mL	
3-,4-Methylphenol		50	56.8	1.61	13.5	ug/mL	
bis(2-Chloroisopropyl)ether		50	48.8	1.49	2.5	ug/mL	
Hexachloroethane		50	47.8	0.647	4.3	ug/mL	
Nitrobenzene		50	48.1	0.434	3.8	ug/mL	
Isophorone		50	52.4	0.777	4.7	ug/mL	
2,4-Dimethylphenol		50	47.2	0.334	5.7	ug/mL	
Benzoic Acid		50	61.2	0.253	22.5	ug/mL	
bis(2-Chloroethoxy)methane		50	40.1	0.465	19.8	ug/mL	
1,2,4-Trichlorobenzene		50	48.4	0.356	3.2	ug/mL	
Naphthalene		50	53.2	1.17	6.3	ug/mL	
4-Chloroaniline		50	44.7	0.419	10.5	ug/mL	
2-Methylnaphthalene		50	50.1	0.721	.2	ug/mL	
2,4,5-Trichlorophenol		50	50.6	0.452	1.2	ug/mL	
2-Chloronaphthalene		50	41.6	1.16	16.8	ug/mL	
2-Nitroaniline		50	51.2	0.369	2.4	ug/mL	
Dimethylphthalate		50	47.7	1.31	4.5	ug/mL	
Acenaphthylene		50	56.8	2.10	13.5	ug/mL	
2,6-Dinitrotoluene		50	47.7	0.316	4.6	ug/mL	
3-Nitroaniline		50	49.0	0.317	2	ug/mL	

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ALTERNATE SOURCE CALIBRATION REPORT

00092083

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223227-09
Instrument ID: HPMS5 Run Time: 13:55 Method: 8270C
File ID: 5M42538 Analyst: MDC
ICal Workgroup: WG223227 Cal ID: HPMS5 - 25-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Dibenzofuran		50	49.3	1.72	1.4	ug/mL	
2,4-Dinitrotoluene		50	51.3	0.423	2.5	ug/mL	
Diethylphthalate		50	48.0	1.40	3.9	ug/mL	
4-Chlorophenyl Phenyl Ether		50	46.9	0.708	6.1	ug/mL	
Fluorene		50	53.7	1.51	7.5	ug/mL	
4-Nitroaniline		50	48.0	0.329	4.1	ug/mL	
4,6-Dinitro-2-Methylphenol		50	51.8	0.159	3.7	ug/mL	
4-Bromophenyl Phenyl Ether		50	41.7	0.223	16.7	ug/mL	
Hexachlorobenzene		50	47.4	0.274	5.1	ug/mL	
Phenanthrene		50	53.8	1.37	7.5	ug/mL	
Anthracene		50	54.4	1.39	8.8	ug/mL	
Di-n-Butyl Phthalate		50	49.4	1.46	1.1	ug/mL	
Pyrene		50	55.9	1.68	11.8	ug/mL	
Butyl Benzyl Phthalate		50	57.5	0.703	14.9	ug/mL	
3,3'-Dichlorobenzidine		50	38.1	0.353	23.8	ug/mL	
Benzo[a]anthracene		50	53.5	1.51	7	ug/mL	
Chrysene		50	55.1	1.47	10.2	ug/mL	
bis(2-Ethylhexyl)phthalate		50	49.5	0.942	1.1	ug/mL	
Benzo[b]fluoranthene		50	47.8	1.74	4.5	ug/mL	
Benzo[k]fluoranthene		50	55.5	1.65	10.9	ug/mL	
Indeno[1,2,3-cd]pyrene		50	54.4	1.40	8.8	ug/mL	
Dibenz[ah]anthracene		50	54.1	1.19	8.2	ug/mL	
Benzo[ghi]perylene		50	54.5	1.09	9	ug/mL	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092084

Login Number:L0609540 Run Date:10/05/2006 Sample ID:WG224008-09
Instrument ID:HPMS5 Run Time:12:42 Method:8270C
File ID:5M42734 Analyst:ALT
ICal Workgroup:WG224008 Cal ID: HPMS5 - 05-OCT-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Phenol	CCC	50	49.2	1.75	1.6	ug/mL	
1,4-Dichlorobenzene	CCC	50	47.5	1.58	5	ug/mL	
2-Nitrophenol	CCC	50	58.8	0.214	17.7	ug/mL	
2,4-Dichlorophenol	CCC	50	52.2	0.321	4.4	ug/mL	
Hexachlorobutadiene	CCC	50	53.8	0.198	7.5	ug/mL	
4-Chloro-3-Methylphenol	CCC	50	50.5	0.324	1.1	ug/mL	
2,4,6-Trichlorophenol	CCC	50	52.0	0.395	4	ug/mL	
Acenaphthene	CCC	50	52.2	1.16	4.5	ug/mL	
n-Nitrosodiphenylamine	CCC	50	41.1	0.669	17.8	ug/mL	
Pentachlorophenol	CCC	50	56.5	0.151	13	ug/mL	
Fluoranthene	CCC	50	55.8	1.51	11.7	ug/mL	
Di-n-Octyl Phthalate	CCC	50	50.4	1.77	.8	ug/mL	
Benzo[a]pyrene	CCC	50	53.7	1.44	7.4	ug/mL	
n-Nitrosodipropylamine	SPCC	50	49.1	1.05	1.7	ug/mL	
Hexachlorocyclopentadiene	SPCC	50	62.3	0.306	24.6	ug/mL	
2,4-Dinitrophenol	SPCC	50	63.2	0.114	26.4	ug/mL	
4-Nitrophenol	SPCC	50	49.2	0.234	1.5	ug/mL	
bis(2-Chloroethyl)ether		50	49.1	0.985	1.8	ug/mL	
2-Chlorophenol		50	50.0	1.54	0	ug/mL	
1,3-Dichlorobenzene		50	48.7	1.59	2.6	ug/mL	
Benzyl Alcohol		50	48.5	0.956	3	ug/mL	
1,2-Dichlorobenzene		50	49.3	1.53	1.5	ug/mL	
2-Methylphenol		50	49.0	1.16	2	ug/mL	
3-,4-Methylphenol		50	55.9	1.65	11.7	ug/mL	
bis(2-Chloroisopropyl)ether		50	46.2	1.95	7.5	ug/mL	
Hexachloroethane		50	47.6	0.632	4.9	ug/mL	
Nitrobenzene		50	48.7	0.390	2.5	ug/mL	
Isophorone		50	51.3	0.712	2.6	ug/mL	
2,4-Dimethylphenol		50	47.2	0.321	5.7	ug/mL	
Benzoic Acid		50	47.6	0.187	4.7	ug/mL	
bis(2-Chloroethoxy)methane		50	40.4	0.447	19.2	ug/mL	
1,2,4-Trichlorobenzene		50	49.5	0.330	1	ug/mL	
Naphthalene		50	52.1	1.13	4.1	ug/mL	
4-Chloroaniline		50	42.5	0.397	15	ug/mL	
2-Methylnaphthalene		50	50.3	0.697	.6	ug/mL	
2,4,5-Trichlorophenol		50	52.0	0.416	4	ug/mL	
2-Chloronaphthalene		50	42.2	1.15	15.6	ug/mL	
2-Nitroaniline		50	51.2	0.346	2.3	ug/mL	
Dimethylphthalate		50	48.1	1.30	3.9	ug/mL	
Acenaphthylene		50	56.1	1.94	12.2	ug/mL	
2,6-Dinitrotoluene		50	49.4	0.317	1.2	ug/mL	
3-Nitroaniline		50	47.9	0.311	4.3	ug/mL	

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ALTERNATE SOURCE CALIBRATION REPORT

00092085

Login Number: L0609540 Run Date: 10/05/2006 Sample ID: WG224008-09

Instrument ID: HPMS5 Run Time: 12:42 Method: 8270C

File ID: 5M42734 Analyst: ALT

ICal Workgroup: WG224008 Cal ID: HPMS5 - 05-OCT-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Dibenzofuran		50	54.4	1.51	8.9	ug/mL	
2,4-Dinitrotoluene		50	55.0	0.381	9.9	ug/mL	
Diethylphthalate		50	47.6	1.26	4.9	ug/mL	
4-Chlorophenyl Phenyl Ether		50	56.1	0.619	12.2	ug/mL	
Fluorene		50	58.5	1.41	17.1	ug/mL	
4-Nitroaniline		50	42.8	0.274	14.4	ug/mL	
4,6-Dinitro-2-Methylphenol		50	56.2	0.159	12.4	ug/mL	
4-Bromophenyl Phenyl Ether		50	43.0	0.229	14	ug/mL	
Hexachlorobenzene		50	48.7	0.277	2.7	ug/mL	
Phenanthrene		50	58.3	1.36	16.7	ug/mL	
Anthracene		50	58.7	1.39	17.3	ug/mL	
Di-n-Butyl Phthalate		50	54.1	1.49	8.1	ug/mL	
Pyrene		50	52.7	1.63	5.3	ug/mL	
Butyl Benzyl Phthalate		50	63.2	0.748	26.5	ug/mL	*
3,3'-Dichlorobenzidine		50	33.0	0.339	34	ug/mL	*
Benzo[a]anthracene		50	52.1	1.48	4.2	ug/mL	
Chrysene		50	53.0	1.43	6.1	ug/mL	
bis(2-Ethylhexyl)phthalate		50	48.0	0.984	4	ug/mL	
Benzo[b]fluoranthene		50	54.6	1.58	9.1	ug/mL	
Benzo[k]fluoranthene		50	54.6	1.46	9.2	ug/mL	
Indeno[1,2,3-cd]pyrene		50	53.6	1.58	7.2	ug/mL	
Dibenz[ah]anthracene		50	53.5	1.34	7.1	ug/mL	
Benzo[ghi]perylene		50	53.8	1.36	7.5	ug/mL	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092086

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223609-02
Instrument ID: HPMS5 Run Time: 10:33 Method: 8270C
File ID: 5M42611 Analyst: ALT
Workgroup (AAB#): WG223821 Cal ID: HPMS5 - 25-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Phenol	CCC	50000	48600	1.72	2.80	ug/L	
1,4-Dichlorobenzene	CCC	50000	49500	1.60	0.900	ug/L	
2-Nitrophenol	CCC	50000	50000	0.213	0	ug/L	
2,4-Dichlorophenol	CCC	50000	50700	0.322	1.30	ug/L	
Hexachlorobutadiene	CCC	50000	50400	0.236	0.900	ug/L	
4-Chloro-3-Methylphenol	CCC	50000	50600	0.349	1.20	ug/L	
2,4,6-Trichlorophenol	CCC	50000	49500	0.421	0.900	ug/L	
Acenaphthene	CCC	50000	52500	1.27	5.00	ug/L	
n-Nitrosodiphenylamine	CCC	50000	50300	0.779	0.500	ug/L	
Pentachlorophenol	CCC	50000	51200	0.140	2.40	ug/L	
Fluoranthene	CCC	50000	50600	1.42	1.10	ug/L	
Di-n-Octyl Phthalate	CCC	50000	57700	2.15	15.4	ug/L	
Benzo[a]pyrene	CCC	50000	50600	1.41	1.20	ug/L	
n-Nitrosodipropylamine	SPCC	50000	50200	1.07	0.400	ug/L	
Hexachlorocyclopentadiene	SPCC	50000	53400	0.356	6.90	ug/L	
2,4-Dinitrophenol	SPCC	50000	42500	0.118	15.0	ug/L	
4-Nitrophenol	SPCC	50000	48300	0.254	3.50	ug/L	
bis(2-Chloroethyl)ether		50000	48800	0.910	2.30	ug/L	
2-Chlorophenol		50000	48500	1.39	2.90	ug/L	
1,3-Dichlorobenzene		50000	48600	1.51	2.80	ug/L	
Benzyl Alcohol		50000	48900	0.908	2.20	ug/L	
1,2-Dichlorobenzene		50000	49400	1.46	1.30	ug/L	
2-Methylphenol		50000	49600	1.11	0.900	ug/L	
3-,4-Methylphenol		50000	49300	1.40	1.50	ug/L	
bis(2-Chloroisopropyl)ether		50000	47400	1.45	5.10	ug/L	
Hexachloroethane		50000	50000	0.677	0.100	ug/L	
Nitrobenzene		50000	48600	0.439	2.80	ug/L	
Isophorone		50000	48700	0.723	2.60	ug/L	
2,4-Dimethylphenol		50000	50200	0.355	0.400	ug/L	
Benzoic Acid		50000	30600	0.0918	38.8	ug/L	
bis(2-Chloroethoxy)methane		50000	50700	0.587	1.30	ug/L	
1,2,4-Trichlorobenzene		50000	49500	0.364	1.00	ug/L	
Naphthalene		50000	50100	1.11	0.200	ug/L	
4-Chloroaniline		50000	49500	0.463	1.10	ug/L	
2-Methylnaphthalene		50000	50900	0.731	1.80	ug/L	
2,4,5-Trichlorophenol		50000	49100	0.438	1.80	ug/L	
2-Chloronaphthalene		50000	50400	1.40	0.800	ug/L	
2-Nitroaniline		50000	49900	0.360	0.200	ug/L	
Dimethylphthalate		50000	50000	1.37	0.100	ug/L	
Acenaphthylene		50000	50700	1.87	1.30	ug/L	
2,6-Dinitrotoluene		50000	48900	0.324	2.30	ug/L	
3-Nitroaniline		50000	49200	0.319	1.50	ug/L	

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092087

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223609-02
Instrument ID: HPMS5 Run Time: 10:33 Method: 8270C
File ID: 5M42611 Analyst: ALT
Workgroup (AAB#): WG223821 Cal ID: HPMS5 - 25-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Dibenzofuran		50000	52000	1.81	4.10	ug/L	
2,4-Dinitrotoluene		50000	52500	0.433	5.00	ug/L	
Diethylphthalate		50000	50700	1.47	1.30	ug/L	
4-Chlorophenyl Phenyl Ether		50000	52200	0.788	4.50	ug/L	
Fluorene		50000	52800	1.48	5.50	ug/L	
4-Nitroaniline		50000	52500	0.360	4.90	ug/L	
4,6-Dinitro-2-Methylphenol		50000	43100	0.127	13.7	ug/L	
4-Bromophenyl Phenyl Ether		50000	49800	0.267	0.300	ug/L	
Hexachlorobenzene		50000	50100	0.289	0.200	ug/L	
Phenanthrene		50000	50700	1.30	1.40	ug/L	
Anthracene		50000	50900	1.30	1.80	ug/L	
Di-n-Butyl Phthalate		50000	50300	1.49	0.700	ug/L	
Pyrene		50000	51000	1.53	2.00	ug/L	
Butyl Benzyl Phthalate		50000	52500	0.652	5.00	ug/L	
3,3'-Dichlorobenzidine		50000	47600	0.442	4.80	ug/L	
Benzo[a]anthracene		50000	50000	1.41	0	ug/L	
Chrysene		50000	50400	1.35	0.800	ug/L	
bis(2-Ethylhexyl)phthalate		50000	48000	0.913	4.10	ug/L	
Benzo[b]fluoranthene		50000	51600	1.88	3.10	ug/L	
Benzo[k]fluoranthene		50000	50900	1.52	1.80	ug/L	
Indeno[1,2,3-cd]pyrene		50000	49000	1.26	2.00	ug/L	
Dibenz[ah]anthracene		50000	49300	1.09	1.40	ug/L	
Benzo[ghi]perylene		50000	48200	0.962	3.70	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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Version 1.3 PDF File ID: 591945
Report generated 10/10/2006 14:03

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092088

Login Number: L0609540 Run Date: 10/09/2006 Sample ID: WG224525-02
Instrument ID: HPMS5 Run Time: 09:48 Method: 8270C
File ID: 5M42795 Analyst: ALT/DPJ
Workgroup (AAB#): WG223821 Cal ID: HPMS5 - 05-OCT-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Phenol	CCC	50000	47400	1.68	5.20	ug/L	
1,4-Dichlorobenzene	CCC	50000	46600	1.55	6.80	ug/L	
2-Nitrophenol	CCC	50000	50600	0.184	1.10	ug/L	
2,4-Dichlorophenol	CCC	50000	47400	0.291	5.30	ug/L	
Hexachlorobutadiene	CCC	50000	46100	0.169	7.90	ug/L	
4-Chloro-3-Methylphenol	CCC	50000	48800	0.312	2.50	ug/L	
2,4,6-Trichlorophenol	CCC	50000	48400	0.368	3.20	ug/L	
Acenaphthene	CCC	50000	46600	1.03	6.90	ug/L	
n-Nitrosodiphenylamine	CCC	50000	46100	0.751	7.80	ug/L	
Pentachlorophenol	CCC	50000	50700	0.132	1.40	ug/L	
Fluoranthene	CCC	50000	46400	1.25	7.20	ug/L	
Di-n-Octyl Phthalate	CCC	50000	48000	1.69	4.00	ug/L	
Benzo[a]pyrene	CCC	50000	46900	1.26	6.10	ug/L	
n-Nitrosodipropylamine	SPCC	50000	46000	0.978	8.00	ug/L	
Hexachlorocyclopentadiene	SPCC	50000	51400	0.253	2.70	ug/L	
2,4-Dinitrophenol	SPCC	50000	54900	0.0914	9.80	ug/L	
4-Nitrophenol	SPCC	50000	47800	0.227	4.30	ug/L	
bis(2-Chloroethyl)ether		50000	46200	0.926	7.70	ug/L	
2-Chlorophenol		50000	47600	1.47	4.80	ug/L	
1,3-Dichlorobenzene		50000	46600	1.52	6.80	ug/L	
Benzyl Alcohol		50000	47400	0.935	5.20	ug/L	
1,2-Dichlorobenzene		50000	46700	1.45	6.50	ug/L	
2-Methylphenol		50000	47100	1.11	5.80	ug/L	
3-,4-Methylphenol		50000	47500	1.41	4.90	ug/L	
bis(2-Chloroisopropyl)ether		50000	46000	1.94	8.00	ug/L	
Hexachloroethane		50000	47500	0.631	5.10	ug/L	
Nitrobenzene		50000	47900	0.383	4.20	ug/L	
Isophorone		50000	46900	0.652	6.20	ug/L	
2,4-Dimethylphenol		50000	47000	0.320	6.00	ug/L	
Benzoic Acid		50000	30700	0.0881	38.5	ug/L	
bis(2-Chloroethoxy)methane		50000	44700	0.495	10.6	ug/L	
1,2,4-Trichlorobenzene		50000	46800	0.311	6.50	ug/L	
Naphthalene		50000	46200	1.00	7.60	ug/L	
4-Chloroaniline		50000	47600	0.445	4.80	ug/L	
2-Methylnaphthalene		50000	46300	0.642	7.40	ug/L	
2,4,5-Trichlorophenol		50000	48800	0.390	2.40	ug/L	
2-Chloronaphthalene		50000	46300	1.26	7.50	ug/L	
2-Nitroaniline		50000	49200	0.333	1.60	ug/L	
Dimethylphthalate		50000	46300	1.25	7.30	ug/L	
Acenaphthylene		50000	46500	1.61	6.90	ug/L	
2,6-Dinitrotoluene		50000	49300	0.317	1.40	ug/L	
3-Nitroaniline		50000	49800	0.323	0.500	ug/L	

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092089

Login Number: L0609540 Run Date: 10/09/2006 Sample ID: WG224525-02
Instrument ID: HPMS5 Run Time: 09:48 Method: 8270C
File ID: 5M42795 Analyst: ALT/DPJ
Workgroup (AAB#): WG223821 Cal ID: HPMS5 - 05-OCT-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Dibenzofuran		50000	51400	1.44	2.90	ug/L	
2,4-Dinitrotoluene		50000	51500	0.357	3.10	ug/L	
Diethylphthalate		50000	46400	1.23	7.30	ug/L	
4-Chlorophenyl Phenyl Ether		50000	51400	0.571	2.80	ug/L	
Fluorene		50000	50000	1.21	0.100	ug/L	
4-Nitroaniline		50000	48700	0.312	2.60	ug/L	
4,6-Dinitro-2-Methylphenol		50000	51400	0.143	2.80	ug/L	
4-Bromophenyl Phenyl Ether		50000	46300	0.246	7.50	ug/L	
Hexachlorobenzene		50000	46200	0.263	7.70	ug/L	
Phenanthrene		50000	50800	1.20	1.70	ug/L	
Anthracene		50000	50600	1.22	1.30	ug/L	
Di-n-Butyl Phthalate		50000	51000	1.41	2.00	ug/L	
Pyrene		50000	46500	1.44	7.00	ug/L	
Butyl Benzyl Phthalate		50000	48300	0.596	3.30	ug/L	
3,3'-Dichlorobenzidine		50000	46200	0.475	7.50	ug/L	
Benzo[a]anthracene		50000	46300	1.31	7.40	ug/L	
Chrysene		50000	46300	1.25	7.30	ug/L	
bis(2-Ethylhexyl)phthalate		50000	46000	0.943	7.90	ug/L	
Benzo[b]fluoranthene		50000	45400	1.32	9.20	ug/L	
Benzo[k]fluoranthene		50000	45200	1.21	9.60	ug/L	
Indeno[1,2,3-cd]pyrene		50000	44700	1.32	10.6	ug/L	
Dibenz[ah]anthracene		50000	44900	1.12	10.3	ug/L	
Benzo[ghi]perylene		50000	44200	1.12	11.7	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 591945
Report generated 10/10/2006 14:03

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092090

Login Number:L0609540 CCV Number:WG223609-02
Instrument ID:HPMS5 CAL ID: HPMS5-25-SEP-06
Workgroup (AAB#):WG223821 Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3	IS-4	IS-5	IS-6
WG223609-02	NA	NA	211202	493903	832164	792133	561159	831107
Upper Limit	NA	NA	422404	987806	1664328	1584266	1122318	1662214
Lower Limit	NA	NA	105601	246952	416082	396067	280580	415554
WG223325-02	1.00	01	193895	433868	591978	715482	393807	666666
WG223325-03	1.00	01	187199	426220	624601	750924	380264	678328

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Acenaphthene-d10
IS-3 - Chrysene-d12
IS-4 - Naphthalene-d8
IS-5 - Perylene-d12
IS-6 - Phenanthrene-d10

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 591597
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KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092091

Login Number:L0609540 CCV Number:WG224525-02
Instrument ID:HPMS5 CAL ID: HPMS5-05-OCT-06
Workgroup (AAB#):WG223821 Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3	IS-4	IS-5	IS-6
WG224525-02	NA	NA	658405	1494602	1998354	2549919	1902932	2144748
Upper Limit	NA	NA	1316810	2989204	3996708	5099838	3805864	4289496
Lower Limit	NA	NA	329203	747301	999177	1274960	951466	1072374
L0609540-12	1.00	01	675645	1450782	1886744	2523200	1739302	2020236
L0609540-13	1.00	01	646623	1411212	1873473	2434491	1807521	1970917
L0609540-14	1.00	01	630027	1391646	1843630	2581345	1774250	1946669
L0609540-15	1.00	01	678651	1503725	2050191	2774728	1973105	2133744
L0609540-16	1.00	01	691183	1493699	1979602	2582325	1874689	2082774
L0609540-17	5.00	DL01	602432	1289923	1623607	2259450	1349635	1773601
L0609540-18	1.00	01	629502	1355167	1766658	2365506	1664134	1883338

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Acenaphthene-d10
IS-3 - Chrysene-d12
IS-4 - Naphthalene-D8
IS-5 - Perylene-d12
IS-6 - Phenanthrene-d10

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 591597
Report generated 10/10/2006 14:03

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092092

Login Number:L0609540 CCV Number:WG223609-02
Instrument ID:HPMS5 CAL ID: HPMS5-25-SEP-06
Workgroup (AAB#):WG223821 Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3	IS-4	IS-5	IS-6
WG223609-02	NA	NA	9.21	12.93	17.37	10.82	19.75	14.53
Upper Limit	NA	NA	9.71	13.43	17.87	11.32	20.25	15.03
Lower Limit	NA	NA	8.71	12.43	16.87	10.32	19.25	14.03
WG223325-02	1.00	01	9.21	12.93	17.35	10.82	19.75	14.52
WG223325-03	1.00	01	9.21	12.93	17.36	10.81	19.75	14.52

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Acenaphthene-d10
IS-3 - Chrysene-d12
IS-4 - Naphthalene-d8
IS-5 - Perylene-d12
IS-6 - Phenanthrene-d10

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 591946
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KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092093

Login Number:L0609540 CCV Number:WG224525-02
Instrument ID:HPMS5 CAL ID: HPMS5-05-OCT-06
Workgroup (AAB#):WG223821 Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3	IS-4	IS-5	IS-6
WG224525-02	NA	NA	9.01	12.73	17.11	10.61	19.32	14.33
Upper Limit	NA	NA	9.51	13.23	17.61	11.11	19.82	14.83
Lower Limit	NA	NA	8.51	12.23	16.61	10.11	18.82	13.83
L0609540-12	1.00	01	9.01	12.73	17.11	10.61	19.32	14.33
L0609540-13	1.00	01	9.01	12.73	17.11	10.61	19.32	14.33
L0609540-14	1.00	01	9.01	12.73	17.11	10.6	19.31	14.33
L0609540-15	1.00	01	9.01	12.73	17.11	10.61	19.32	14.33
L0609540-16	1.00	01	9.01	12.72	17.11	10.6	19.32	14.33
L0609540-17	5.00	DL01	9.01	12.73	17.11	10.61	19.32	14.33
L0609540-18	1.00	01	9.01	12.73	17.11	10.6	19.32	14.33

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Acenaphthene-d10
IS-3 - Chrysene-d12
IS-4 - Naphthalene-D8
IS-5 - Perylene-d12
IS-6 - Phenanthrene-d10

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 591946
Report generated 10/10/2006 14:03

KEMRON Environmental Services
Data Checklist

00092094

Date: 10-AUG-2006
Analyst: JLS
Analyst: NA
Method: 8330
Instrument: HPLC4
Curve Workgroup: NA
Runlog ID: 11718
Analytical Workgroups: L0607001,002 QMDL'S L0607333 DUE 8/1/06

Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Confirmations	X
Surrogates	X
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Integrations digitally signed	X
Case Narrative	NA
KEMRON .pdf forms	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	JLS
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the resonableness of the results	X
Comments	

Primary Reviewer:
14-AUG-2006

Secondary Reviewer:
14-AUG-2006

Generated: AUG-14-2006 13:02:33

KEMRON Environmental Services
Data Checklist

00092095

Date: 29-SEP-2006
Analyst: JLS
Analyst: NA
Method: 8330
Instrument: HPLC4
Curve Workgroup: NA
Runlog ID: 12573
Analytical Workgroups: L0609459, 499, 540, 581, 516

Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Confirmations	X
Surrogates	X
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Integrations digitally signed	X
Case Narrative	NA
KEMRON .pdf forms	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	JLS
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the resonableness of the results	X
Comments	

Primary Reviewer:
02-OCT-2006

Janice Schimmel

Secondary Reviewer:
02-OCT-2006

Michael Cochran

Generated: OCT-02-2006 15:46:13

KEMRON Environmental Services

Instrument Run Log

00092096

Instrument: HPLC4 Dataset: 081006

Analyst1: JLS Analyst2: NA

Method: 8330 SOP: HPLC02 Rev: 8

Maintenance Log ID: 15141

Column 1 ID: ULTRACARB 5 ODS Column 2 ID: NA

Workgroups: WG219024, WG217741

Internal Standard: NA Surrogate Standard: STD13480

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	4L008947.F	WG219506-01 STD6	1	1		08/10/06 16:24
2	4L008948.F	WG219506-02 STD5	1	1		08/10/06 17:01
3	4L008949.F	WG219506-03 STD4	1	1		08/10/06 17:38
4	4L008950.F	WG219506-04 STD3	1	1		08/10/06 18:16
5	4L008951.F	WG219506-05 STD2	1	1		08/10/06 18:53
6	4L008952.F	WG219506-06 STD1	1	1		08/10/06 19:30
7	4L008953.F	WG219506-07 ALT	1	1		08/10/06 20:07
8	4L008954.F	WG218108-01 BLK	1	1		08/10/06 20:44
22	4L008955.F	WG218108-02 LCS	1	1		08/10/06 21:22
23	4L008956.F	WG218108-03 LCS2	1	1		08/10/06 21:59
11	4L008957.F	L0607001-01	1	1		08/10/06 22:36
12	4L008958.F	L0607002-01	1	1		08/10/06 23:13
13	4L008959.F	L0607333-01	1	1		08/10/06 23:50
14	4L008960.F	L0607333-02	1	1		08/11/06 00:28
24	4L008961.F	WG216614-01 BLK	7	1		08/11/06 01:05
25	4L008962.F	WG216614-02 LCS	7	1		08/11/06 01:42
17	4L008963.F	WG216614-02 LCS	7	1		08/11/06 02:19
18	4L008964.F	WG219523-01 CCV	1	1		08/11/06 02:56
19	4L008965.F	L0607003-01	7	1		08/11/06 03:34
20	4L008966.F	L0607004-01	7	1		08/11/06 04:11
21	4L008967.F	WG219523-02 CCV	1	1		08/11/06 04:48

Comments

Seq.	Rerun	Dil.	Reason	Analytes
11	X			
	To confirm the blob at the end of the run.			

Page: 1 of 1

Approved: 14-AUG-06

KEMRON Environmental Services

Instrument Run Log

00092097

Instrument: HPLC4 Dataset: 092906

Analyst1: JLS Analyst2: NA

Method: 8330 SOP: HPLC02 Rev: 8

Maintenance Log ID: 15941

Column 1 ID: ULTRACARB 5 ODS Column 2 ID: NA

Workgroups: WG223729/WG223730

Internal STD: NA Surrogate STD: STD15106 Calibration STD

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	4L009248.F	WG223728-01 CCV	1	1		09/29/06 11:20
2	4L009249.F	WG223728-01 CCV	1	1		09/29/06 12:01
3	4L009250.F	WG223728-01 CCV	1	1		09/29/06 13:18
4	4L009251.F	WG223240-02 BLK	7	1		09/29/06 14:14
5	4L009252.F	WG223240-03 LCS	7	1		09/29/06 14:52
6	4L009253.F	L0609459-06	7	1		09/29/06 15:29
7	4L009254.F	L0609459-07	7	1		09/29/06 16:06
8	4L009255.F	L0609499-01	7	1		09/29/06 16:43
9	4L009256.F	L0609499-02	7	1		09/29/06 17:20
10	4L009257.F	L0609540-02	7	1		09/29/06 17:57
11	4L009258.F	L0609540-03	7	1		09/29/06 18:35
12	4L009259.F	L0609581-07	7	1		09/29/06 19:12
13	4L009260.F	L0609581-08	7	1		09/29/06 19:49
14	4L009261.F	BLANK SOLVENT	1	1		09/29/06 20:26
15	4L009262.F	BLANK SOLVENT	1	1		09/29/06 20:59
16	4L009263.F	WG223728-02 CCV	1	1		09/29/06 21:36
17	4L009264.F	L0609581-09	7	1		09/29/06 22:13
18	4L009265.F	L0609581-10 MS	7	1		09/29/06 22:50
19	4L009266.F	L0609581-11 MSD	7	1		09/29/06 23:27
20	4L009267.F	L0609581-12	7	1		09/30/06 00:05
21	4L009268.F	BLANK SOLVENT	1	1		09/30/06 00:42
22	4L009269.F	BLANK SOLVENT	1	1		09/30/06 01:14
23	4L009270.F	WG223728-03 CCV	1	1		09/30/06 01:51
24	4L009271.F	L0609616-01	7	1		09/30/06 02:29
25	4L009272.F	L0609616-02	7	1		09/30/06 03:06
26	4L009273.F	L0609616-03	7	1		09/30/06 03:43
27	4L009274.F	L0609616-04	7	1		09/30/06 04:20
28	4L009275.F	L0609616-05	7	1		09/30/06 04:57
29	4L009276.F	L0609616-06	7	1		09/30/06 05:35
30	4L009277.F	L0609616-07	7	1		09/30/06 06:12
31	4L009278.F	BLANK SOLVENT	1	1		09/30/06 06:49
32	4L009279.F	WG223728-04 CCV	1	1		09/30/06 07:26
64	4L009280.F	WG223345-03 BLK	7	1		09/30/06 08:03
65	4L009281.F	WG223345-04 LCS	7	1		09/30/06 08:40
35	4L009282.F	L0609516-05	7	1		09/30/06 09:18

Approved: 02-OCT-06

KEMRON Environmental Services

Instrument Run Log

00092098

Instrument: HPLC4 Dataset: 092906

Analyst1: JLS Analyst2: NA

Method: 8330 SOP: HPLC02 Rev: 8

Maintenance Log ID: 15941

Column 1 ID: ULTRACARB 5 ODS Column 2 ID: NA

Workgroups: WG223729/WG223730

Internal STD: NA Surrogate STD: STD15106

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
36	4L009283.F	L0609516-06	7	1		09/30/06 09:55
37	4L009284.F	L0609516-07	7	1		09/30/06 10:32
38	4L009285.F	L0609516-10	7	1		09/30/06 11:09
39	4L009286.F	L0609516-11	7	1		09/30/06 11:46
40	4L009287.F	L0609516-13	7	1		09/30/06 12:24
41	4L009288.F	L0609516-14 MS	7	1		09/30/06 13:01
42	4L009289.F	L0609516-15 MSD	7	1		09/30/06 13:38
43	4L009290.F	L0609516-16	7	1		09/30/06 14:15
44	4L009291.F	BLANK SOLVENT	1	1		09/30/06 14:53
45	4L009292.F	BLANK SOLVENT	1	1		09/30/06 15:25
46	4L009293.F	WG223728-05 CCV	1	1		09/30/06 16:02
47	4L009294.F	L0609516-17	7	1		09/30/06 16:39
48	4L009295.F	L0609516-19	7	1		09/30/06 17:16
49	4L009296.F	L0609516-26	7	1		09/30/06 17:54
50	4L009297.F	L0609516-27	7	1		09/30/06 18:31
51	4L009298.F	L0609516-28	7	1		09/30/06 19:08
52	4L009299.F	L0609516-29	7	1		09/30/06 19:45
53	4L009300.F	L0609516-31	7	1		09/30/06 20:23
54	4L009301.F	L0609516-32	7	1		09/30/06 21:00
55	4L009302.F	L0609516-33 MS	7	1		09/30/06 21:37
56	4L009303.F	L0609516-34 MSD	7	1		09/30/06 22:14
57	4L009304.F	BLANK SOLVENT	1	1		09/30/06 22:52
58	4L009305.F	BLANK SOLVENT	1	1		09/30/06 23:24
59	4L009306.F	WG223728-06 CCV	1	1		10/01/06 00:01
60	4L009307.F	L0609516-35	7	1		10/01/06 00:38
61	4L009308.F	L0609516-36	7	1		10/01/06 01:16
62	4L009309.F	BLANK SOLVENT	1	1		10/01/06 01:53
63	4L009310.F	WG223728-07 CCV	1	1		10/01/06 02:30

Comments

Seq.	Rerun	Dil.	Reason	Analytes
1	X		Check Standard Failure	
2	X			
	Prepared new ccv.			

Page: 2 of 2 Approved: 02-OCT-06

KEMRON ENVIRONMENTAL SERVICES

Sample Extraction Log Sheet – Method 8330 / Explosives

R1116717

Analyst: CEB
Date: 09-26-06 @ 0800
SOP#: EXTNT02 REV 6
Spike Analyst: CEB Witness: EJ
Sample Matrix: SOIL
Ext Solvent: CH3CN Lot#: C04825
Ext Solvent: — Lot#: —
Ext Disk: — Lot#: —
Other: CaCl Lot#: RGT10602

Extract Relinquished By: CEB
Extract Received By: GAS
Date Extract Received: 9/27/06

Matrix Spike # / Conc: STD15105 @ 1.0 ppm
Surrogate Spike # / Conc: STD15106 @ 1.0 ppm

Extraction Work Group: WB223240
Analytical Work Group:

Sonic Bath On – Date:	09/26/06
Time (1) 1300	Temp (1) Ctrl 35°
	Bath 11°
Time (2) 1500	Temp (2) Ctrol 35°
	Bath 14°
Sonic Bath Off – Date:	09/27/06
Time (3) 0700	Temp (3) Ctrl 3.5°
	Bath 13°

	Project ID	Sample ID	Sample Wt (g) / Vol (mL)	Surrogate Amount (uL)	Matrix Spike Amount (uL)	Extract F. Volume (mL)	Comments
1		BLK	2.00 g	1.0mL		20.0mL	WB223240-02
2		LCS	↓	↓	1.0mL	↓	↓ -03
3		09-459-06	2.06				
4		-07	2.08				
5		09-499-01	2.05				
6		-02	2.00				
7		09-540-02	2.01				
8		-03	2.02				
9		09-581-07	2.07				
10		-09	2.10				
11		-09REF	2.04				WB223240-01
12		-10MS	2.01		1.0mL		↓ -04
13		-11MSD	2.06		↓		↓ -05
14		-12	2.07				
15		09-616-01	2.00		200uL		ANNUAL MDL'S
16		-02	↓				↓
17		-03					
18		-04					
19		-05					
20		-06					
21		-07	↓	↓	↓	↓	
22					CEB 9/26/06		
23							
24							

All soil samples are air dried to a constant weight prior to extraction
*All extracts are filtered through a 0.45 um teflon **ACRODISC** prior to analysis*

Reviewed by: _____

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092100

Analytical Method: 8330 AAB#: WG223729

Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP034-SB01-02	09/20/06	09/22/06	09/26/06	14	5.72	09/29/06	40	3.42	
35-SMP034-SB02-02	09/20/06	09/22/06	09/26/06	14	5.72	09/29/06	40	3.44	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 582911
Report generated 10/02/2006 16:53

SURROGATE STANDARDS

00092101

Login Number: L0609540
Instrument Id: HPLC4
Workgroup (AAB#): WG223729

Method: 8330
CAL ID: HPLC4-10-AUG-06
Matrix: Soil

Sample Number	Dilution	Tag	1
L0609540-02	1.00	01	100
L0609540-03	1.00	01	101
WG223240-02	1.00	01	98.9
WG223240-03	1.00	01	102

Surrogates	Surrogate Limits
1 - 3,4-Dinitrotoluene	50 - 150

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 582617
Report generated 10/02/2006 16:54

METHOD BLANK SUMMARY

00092102

Login Number: L0609540
Work Group: WG223729
Blank File ID: 4L009251.F
Blank Sample ID: WG223240-02
Date Analyzed: 09/29/06
Instrument ID: HPLC4
Time Analyzed: 14:14
Method: 8330
Analyst: JLS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223240-03	4L009252.F	09/29/06 14:52	01
35-SMP034-SB01-02	L0609540-02	4L009257.F	09/29/06 17:57	01
35-SMP034-SB02-02	L0609540-03	4L009258.F	09/29/06 18:35	01

KEMRON Environmental Services

METHOD BLANK REPORT

00092103

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223240-02
Instrument ID: HPLC4 Run Time: 14:14 Prep Method: METHOD
File ID: 4L009251.F Analyst: JLS Method: 8330
Workgroup (AAB#): WG223729 Matrix: Soil Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: HPLC4-10-AUG-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
1,3,5-Trinitrobenzene	0.100	0.250	0.100	1	U
1,3-Dinitrobenzene	0.100	0.250	0.100	1	U
2,4,6-Trinitrotoluene	0.100	0.250	0.100	1	U
2,4-Dinitrotoluene	0.100	0.250	0.100	1	U
2,6-Dinitrotoluene	0.100	0.260	0.100	1	U
2-Amino-4,6-dinitrotoluene	0.100	0.260	0.100	1	U
2-Nitrotoluene	0.100	0.250	0.100	1	U
3-Nitrotoluene	0.100	0.250	0.100	1	U
4-Nitrotoluene	0.100	0.250	0.100	1	U
4-Amino-2,6-dinitrotoluene	0.100	0.260	0.100	1	U
HMX	0.100	2.20	0.100	1	U
Nitrobenzene	0.130	0.260	0.130	1	U
RDX	0.100	1.00	0.100	1	U
Tetryl	0.200	0.650	0.200	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
3,4-Dinitrotoluene	98.9	50 - 150	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 582615
Report generated 10/02/2006 16:53

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092104

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223240-03
Instrument ID: HPLC4 Run Time: 14:52 Prep Method: METHOD
File ID: 4L009252.F Analyst: JLS Method: 8330
Workgroup (AAB#): WG223729 Matrix: Solid Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: HPLC4-10-AUG-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
1,3,5-Trinitrobenzene	0.500	0.481	96.2	75 - 125	
1,3-Dinitrobenzene	0.500	0.509	102	80 - 125	
2,4,6-Trinitrotoluene	0.500	0.421	84.2	55 - 140	
2,4-Dinitrotoluene	0.500	0.517	103	80 - 125	
2,6-Dinitrotoluene	0.500	0.630	126	80 - 120	*
2-Amino-4,6-dinitrotoluene	0.500	0.528	106	80 - 125	
2-Nitrotoluene	0.500	0.446	89.2	80 - 125	
3-Nitrotoluene	0.500	0.508	102	75 - 120	
4-Nitrotoluene	0.500	0.552	110	75 - 125	
4-Amino-2,6-dinitrotoluene	0.500	0.412	82.4	80 - 125	
HMX	0.500	0.457	91.5	75 - 125	
Nitrobenzene	0.500	0.513	103	75 - 125	
RDX	0.500	0.644	129	70 - 135	
Tetryl	0.500	0.413	82.7	20 - 130	

Surrogates	% Recovery	Surrogate Limits	Qualifier
3,4-Dinitrotoluene	102	50 - 150	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 582638
Report generated 10/02/2006 16:53

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092106

Login Number:L0609540 Instrument ID:HPLC4

Analytical Method:8330 Initial Calibration Date:10-AUG-06 19:30

ICAL Workgroup:WG219506 Column ID:F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,3,5-Trinitrobenzene		2.503	4.27		
1,3-Dinitrobenzene		1.853	3.46		
2,4,6-Trinitrotoluene		2.638	3.49		
2,4-Dinitrotoluene		2.418	22.8	0.818	
2,6-Dinitrotoluene		4.408	9.45		
2-Amino-4,6-Dinitrotoluene		3.515	9.00		
2-Nitrotoluene		5.169	5.73		
3-Nitrotoluene		4.530	3.94		
4-Amino-2,6-Dinitrotoluene		4.280	3.91		
4-Nitrotoluene		6.317	8.42		
HMX		6.155	6.57		
Nitrobenzene		2.891	4.22		
RDX		6.185	14.6		
Tetryl		3.472	4.15		

KEMRON FORMS - Modified 08/31/2006
Version 1.5 PDF File ID: 582912
Report generated 10/02/2006 16:53

KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092107

Login Number: L0609540
Analytical Method: 8330

Instrument ID: HPLC4
Initial Calibration Date: 10-AUG-06 19:30
Column ID: F

Analyte	WG219506-01			WG219506-02			WG219506-03		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,3,5-Trinitrobenzene	1000	410.116058	2.438	500	207.627075	2.408	100	42.0826988	2.376
1,3-Dinitrobenzene	1000	548.319336	1.824	500	277.595795	1.801	100	56.5400391	1.769
2,4,6-Trinitrotoluene	1000	386.420624	2.588	500	195.437485	2.558	100	39.5971184	2.525
2,4-Dinitrotoluene	1000	240.642197	4.156	500	251.197968	1.990	100	50.9184875	1.964
2,6-Dinitrotoluene	1000			500	121.976257	4.099	100	24.9163990	4.013
2-Amino-4,6-Dinitrotoluene	1000	238.729309	4.189	500	152.127487	3.287	100	30.7204628	3.255
2-Nitrotoluene	1000			500	101.645988	4.919	100	20.3516426	4.914
3-Nitrotoluene	1000			500	115.008423	4.348	100	22.9069786	4.365
4-Amino-2,6-Dinitrotoluene	1000			500	121.125664	4.128	100	24.4640102	4.088
4-Nitrotoluene	1000			500	84.9606018	5.885	100	17.0263252	5.873
HMX	1000	169.042252	5.916	500	90.1942596	5.544	100	16.3395462	6.120
Nitrobenzene	1000	354.979858	2.817	500	179.311600	2.788	100	36.4564056	2.743
RDX	1000	182.905731	5.467	500	92.5733414	5.401	100	18.2953339	5.466
Tetryl	1000	295.412659	3.385	500	149.222870	3.351	100	30.2906513	3.301

KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092108

Login Number: L0609540
Analytical Method: 8330

Instrument ID: HPLC4
Initial Calibration Date: 10-AUG-06 19:30
Column ID: F

Analyte	WG219506-04			WG219506-05			WG219506-06		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,3,5-Trinitrobenzene	50.0	19.1474266	2.611	25.0	9.62814522	2.597	10.0	3.86683512	2.586
1,3-Dinitrobenzene	50.0	25.9892025	1.924	25.0	13.0911617	1.910	10.0	5.28941250	1.891
2,4,6-Trinitrotoluene	50.0	18.2330532	2.742	25.0	9.31017685	2.685	10.0	3.66835594	2.726
2,4-Dinitrotoluene	50.0	23.2483425	2.151	25.0	11.9094486	2.099	10.0	4.65987062	2.146
2,6-Dinitrotoluene	50.0	11.3105459	4.421	25.0	5.74631023	4.351	10.0	1.93934882	5.156
2-Amino-4,6-Dinitrotoluene	50.0	14.0588083	3.556	25.0	7.13465643	3.504	10.0	3.03034019	3.300
2-Nitrotoluene	50.0	9.48513603	5.271	25.0	4.91147327	5.090	10.0	1.76889133	5.653
3-Nitrotoluene	50.0	10.7789402	4.639	25.0	5.51862288	4.530	10.0	2.09677839	4.769
4-Amino-2,6-Dinitrotoluene	50.0	11.2209272	4.456	25.0	5.79186916	4.316	10.0	2.26526356	4.414
4-Nitrotoluene	50.0	7.76470518	6.439	25.0	4.07508135	6.135	10.0	1.37910843	7.251
HMX	50.0	7.68003368	6.510	25.0	3.77735090	6.618	10.0	1.60739887	6.221
Nitrobenzene	50.0	16.7608624	2.983	25.0	8.35599613	2.992	10.0	3.30798101	3.023
RDX	50.0	7.96912861	6.274	25.0	3.91651797	6.383	10.0	1.23154259	8.120
Tetryl	50.0	13.8570604	3.608	25.0	7.04509830	3.549	10.0	2.74744797	3.640

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092109

Login Number: L0609540 Run Date: 08/10/2006 Sample ID: WG219506-07

Instrument ID: HPLC4 Run Time: 20:07 Method: 8330

File ID: 4L008953.F Analyst: JLS

ICal Workgroup: WG219506 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,3,5-Trinitrobenzene		50	49.0	2.49	2.1	ug/L	
1,3-Dinitrobenzene		50	48.1	1.88	3.8	ug/L	
2,4,6-Trinitrotoluene		50	48.7	2.65	2.5	ug/L	
2,4-Dinitrotoluene		50	48.1	2.08	3.9	ug/L	
2,6-Dinitrotoluene		50	51.0	4.07	1.9	ug/L	
2-Amino-4,6-Dinitrotoluene		50	53.4	3.11	6.9	ug/L	
2-Nitrotoluene		50	51.2	4.86	2.4	ug/L	
3-Nitrotoluene		50	50.2	4.37	.4	ug/L	
4-Nitrotoluene		50	51.9	5.78	3.8	ug/L	
4-Amino-2,6-Dinitrotoluene		50	49.3	4.23	1.5	ug/L	
HMX		50	43.9	6.61	12.1	ug/L	
Nitrobenzene		50	48.7	2.89	2.5	ug/L	
RDX		50	49.2	5.86	1.6	ug/L	
Tetryl		50	48.1	3.53	3.9	ug/L	

* Exceeds %D Limit

KEMRON FORMS - Modified 07/26/2006
Version 1.5 PDF File ID: 582913
Report generated 10/02/2006 16:54

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092110

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223728-01
Instrument ID: HPLC4 Run Time: 13:18 Method: 8330
File ID: 4L009250.F Analyst: JLS
Workgroup (AAB#): WG223729 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	48.1	2.54	3.70	ug/L	
1,3-Dinitrobenzene		50.0	48.1	1.88	3.90	ug/L	
2,4,6-Trinitrotoluene		50.0	46.2	2.80	7.70	ug/L	
2,4-Dinitrotoluene		50.0	47.7	2.10	4.60	ug/L	
2,6-Dinitrotoluene		50.0	49.2	4.22	1.50	ug/L	
2-Amino-4,6-Dinitrotoluene		50.0	49.2	3.37	1.60	ug/L	
2-Nitrotoluene		50.0	51.9	4.80	3.80	ug/L	
3-Nitrotoluene		50.0	51.2	4.29	2.40	ug/L	
4-Nitrotoluene		50.0	53.3	5.63	6.60	ug/L	
4-Amino-2,6-Dinitrotoluene		50.0	48.1	4.33	3.80	ug/L	
HMX		50.0	43.5	6.67	12.9	ug/L	
Nitrobenzene		50.0	47.6	2.97	4.90	ug/L	
RDX		50.0	50.3	5.73	0.500	ug/L	
Tetryl		50.0	42.4	4.00	15.2	ug/L	*

* Exceeds %D Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 582914
Report generated 10/02/2006 16:54

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092111

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223728-02
Instrument ID: HPLC4 Run Time: 21:36 Method: 8330
File ID: 4L009263.F Analyst: JLS
Workgroup (AAB#): WG223729 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	49.2	2.48	1.70	ug/L	
1,3-Dinitrobenzene		50.0	48.8	1.85	2.30	ug/L	
2,4,6-Trinitrotoluene		50.0	48.8	2.64	2.30	ug/L	
2,4-Dinitrotoluene		50.0	49.1	2.04	1.80	ug/L	
2,6-Dinitrotoluene		50.0	50.7	4.10	1.30	ug/L	
2-Amino-4,6-Dinitrotoluene		50.0	50.9	3.26	1.80	ug/L	
2-Nitrotoluene		50.0	51.2	4.86	2.50	ug/L	
3-Nitrotoluene		50.0	51.5	4.27	2.90	ug/L	
4-Nitrotoluene		50.0	52.1	5.76	4.20	ug/L	
4-Amino-2,6-Dinitrotoluene		50.0	50.6	4.12	1.10	ug/L	
HMX		50.0	45.0	6.46	10.1	ug/L	
Nitrobenzene		50.0	49.1	2.87	1.80	ug/L	
RDX		50.0	50.5	5.69	1.10	ug/L	
Tetryl		50.0	45.2	3.75	9.50	ug/L	

* Exceeds %D Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 582914
Report generated 10/02/2006 16:54

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092112

Login Number: L0609540 Run Date: 09/30/2006 Sample ID: WG223728-03
Instrument ID: HPLC4 Run Time: 01:51 Method: 8330
File ID: 4L009270.F Analyst: JLS
Workgroup (AAB#): WG223729 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	49.3	2.48	1.50	ug/L	
1,3-Dinitrobenzene		50.0	49.2	1.84	1.70	ug/L	
2,4,6-Trinitrotoluene		50.0	49.5	2.60	0.900	ug/L	
2,4-Dinitrotoluene		50.0	50.1	2.00	0.200	ug/L	
2,6-Dinitrotoluene		50.0	51.8	4.01	3.60	ug/L	
2-Amino-4,6-Dinitrotoluene		50.0	51.7	3.21	3.30	ug/L	
2-Nitrotoluene		50.0	51.1	4.88	2.10	ug/L	
3-Nitrotoluene		50.0	50.6	4.34	1.30	ug/L	
4-Nitrotoluene		50.0	50.4	5.95	0.700	ug/L	
4-Amino-2,6-Dinitrotoluene		50.0	51.3	4.06	2.70	ug/L	
HMX		50.0	44.5	6.52	10.9	ug/L	
Nitrobenzene		50.0	49.5	2.85	1.00	ug/L	
RDX		50.0	51.3	5.61	2.60	ug/L	
Tetryl		50.0	45.9	3.70	8.20	ug/L	

* Exceeds %D Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 582914
Report generated 10/02/2006 16:54

Inorganic QA/QC

KEMRON Environmental Services
Data Checklist

00092114

Date: 28-SEP-2006
Analyst: SLP
Analyst: MMB
Method: 6010B
Instrument: IRIS-ICP
Curve Workgroup: 223617
Runlog ID: 12521
Analytical Workgroups: 223528, 223244, 223517, 223243, 223267

Calibration/Linearity	X
ICV/CCV	X
ICB/CCB	X
ICSA/ICSAB	X
CRI	
Blank/LCS	X
MS/MSD	X
Post Spike/Serial Dilution	X
Upload Results	X
Data Qualifiers	
Generate PDF Instrument Data	X
Sign/Annotate PDF Data	X
Upload Curve Data	X
Workgroup Forms	X
Case Narrative	513, 645, 648, 540
Client Forms	X
Level X	
Level 3	540
Level 4	513, 648
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Primary Reviewer	SLP
Secondary Reviewer	LSB
Comments	

Primary Reviewer:
28-SEP-2006

Secondary Reviewer:
29-SEP-2006

Generated: SEP-29-2006 14:46:38

KEMRON Environmental Services
Data Checklist

00092115

Date: 29-SEP-2006
Analyst: SLP
Analyst: NA
Method: 6010B
Instrument: IRIS-ICP
Curve Workgroup: 223768
Runlog ID: 12560
Analytical Workgroups: 223448, 223450, 223267

Calibration/Linearity	X
ICV/CCV	X
ICB/CCB	X
ICSA/ICSAB	X
CRI	
Blank/LCS	X
MS/MSD	X
Post Spike/Serial Dilution	X
Upload Results	X
Data Qualifiers	
Generate PDF Instrument Data	X
Sign/Annotate PDF Data	X
Upload Curve Data	X
Workgroup Forms	X
Case Narrative	516, 560, 581, 540
Client Forms	X
Level X	
Level 3	581, 540
Level 4	516, 560
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Primary Reviewer	SLP
Secondary Reviewer	LSB
Comments	

Primary Reviewer:
29-SEP-2006

Secondary Reviewer:
02-OCT-2006

Generated: OCT-02-2006 13:24:26

KEMRON Environmental Services
Data Checklist

00092116

Date: 02-OCT-2006
Analyst: SLP
Analyst: NA
Method: 6010B
Instrument: IRIS-ICP
Curve Workgroup: 223950
Runlog ID: 12579
Analytical Workgroups: 223518, 223450, 223642, 223643

Calibration/Linearity	X
ICV/CCV	X
ICB/CCB	X
ICSA/ICSAB	X
CRI	
Blank/LCS	X
MS/MSD	X
Post Spike/Serial Dilution	X
Upload Results	X
Data Qualifiers	
Generate PDF Instrument Data	X
Sign/Annotate PDF Data	X
Upload Curve Data	X
Workgroup Forms	X
Case Narrative	619, 560, 540, 635, 654, 630, 658, 663
Client Forms	X
Level X	
Level 3	619, 540, 654
Level 4	560, 635, 630, 658
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Primary Reviewer	SLP
Secondary Reviewer	LSB
Comments	

Primary Reviewer:
02-OCT-2006

Secondary Reviewer:
03-OCT-2006

Generated: OCT-03-2006 14:01:22

00092117

KEMRON Environmental Services

Instrument Run Log

Instrument: IRIS-ICP Dataset: 20060928.1

Analyst1: SLP Analyst2: MMB

Method: 6010B SOP: ME600F Rev: 6

Maintenance Log ID: 15894

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577

ICSA: STD15048 ICSAB: STD15049

Workgroups: 223528, 223244, 223517, 223243, 223267

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
1	IR.092806.083700	WG223617-01	Calibration Point		1		09/28/06 08:37
2	IR.092806.084300	WG223617-02	Calibration Point		1		09/28/06 08:43
3	IR.092806.084900	WG223617-03	Calibration Point		1		09/28/06 08:49
4	IR.092806.085500	WG223617-04	Calibration Point		1		09/28/06 08:55
5	IR.092806.090100	WG223617-05	Calibration Point		1		09/28/06 09:01
6	IR.092806.090700	WG223617-06	Calibration Point		1		09/28/06 09:07
7	IR.092806.091400	WG223617-07	Initial Calibration Verification		1		09/28/06 09:14
8	IR.092806.092000	WG223617-08	Initial Calib Blank		1		09/28/06 09:20
9	IR.092806.092600	WG223617-09	Interference Check		1		09/28/06 09:26
10	IR.092806.093200	WG223617-10	Interference Check		1		09/28/06 09:32
11	IR.092806.093800	WG223617-11	CCV		1		09/28/06 09:38
12	IR.092806.094400	WG223617-12	CCB		1		09/28/06 09:44
13	IR.092806.095000	WG223486-02	Method/Prep Blank	50/50	1		09/28/06 09:50
14	IR.092806.095600	WG223486-03	Laboratory Control S	50/50	1		09/28/06 09:56
15	IR.092806.100200	WG223394-01	Fluid Blank		1		09/28/06 10:02
16	IR.092806.100800	WG223486-01	Reference Sample		1	L0609617-01	09/28/06 10:08
17	IR.092806.101400	WG223486-04	Matrix Spike	5/50	1		09/28/06 10:14
18	IR.092806.102000	WG223486-05	Matrix Spike Duplica	5/50	1		09/28/06 10:20
19	IR.092806.102600	L0609617-02	BOX 2	5/50	1		09/28/06 10:26
20	IR.092806.103200	WG223528-01	Post Digestion Spike		1	L0609617-02	09/28/06 10:32
21	IR.092806.103800	L0609617-03	BOX 3	5/50	1		09/28/06 10:38
22	IR.092806.104400	L0609617-04	BOX 4	5/50	1		09/28/06 10:44
23	IR.092806.105000	WG223617-13	CCV		1		09/28/06 10:50
24	IR.092806.105600	WG223617-14	CCB		1		09/28/06 10:56
25	IR.092806.110800	WG223158-02	Method/Prep Blank	1/50	1		09/28/06 11:08
26	IR.092806.111400	WG223158-03	Laboratory Control S	1/50	1		09/28/06 11:14
27	IR.092806.112000	L0609513-01	WR292501-01		1		09/28/06 11:20
28	IR.092806.112600	L0609513-01	WR292501-01	1.12/50	5		09/28/06 11:26
29	IR.092806.113200	WG223244-01	Post Digestion Spike		1	L0609513-01	09/28/06 11:32
30	IR.092806.113900	L0609513-02	WR292502-01		1		09/28/06 11:39
31	IR.092806.114500	L0609513-03	WR293506-01	1.07/50	1		09/28/06 11:45
32	IR.092806.115200	L0609513-04	WR293504-01	1.09/50	1		09/28/06 11:52
33	IR.092806.115800	L0609513-05	WR293503-01		1		09/28/06 11:58
34	IR.092806.120400	L0609513-06	WR293505-01	1.18/50	1		09/28/06 12:04
35	IR.092806.121100	WG223617-15	CCV		1		09/28/06 12:11
36	IR.092806.121700	WG223617-16	CCB		1		09/28/06 12:17
37	IR.092806.122900	L0609513-07	WR293502-01		1		09/28/06 12:29

Approved: September 29, 2006

KEMRON Environmental Services

Instrument Run Log

00092118

Instrument: IRIS-ICP Dataset: 20060928.1

Analyst1: SLP Analyst2: MMB

Method: 6010B SOP: ME600F Rev: 6

Maintenance Log ID: 15894

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577

ICSA: STD15048 ICSAB: STD15049

Workgroups: 223528, 223244, 223517, 223243, 223267

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
38	IR.092806.123600	WG223158-01	Reference Sample		1	L0609513-08	09/28/06 12:36
39	IR.092806.124200	WG223158-04	Matrix Spike	1.1/50	1	L0609513-09	09/28/06 12:42
40	IR.092806.124800	WG223158-05	Matrix Spike Duplica	1.1/50	1	L0609513-10	09/28/06 12:48
41	IR.092806.125500	L0609513-11	WR293501-02	1.13/50	1		09/28/06 12:55
42	IR.092806.130100	L0609513-15	WR246508-02	1.18/50	1		09/28/06 13:01
43	IR.092806.130700	L0609513-16	WR246501	1.2/50	1		09/28/06 13:07
44	IR.092806.131400	L0609513-17	WR246502		1		09/28/06 13:14
45	IR.092806.132000	L0609513-18	WR246503	1.14/50	1		09/28/06 13:20
46	IR.092806.132600	L0609513-19	WR246504	1.15/50	1		09/28/06 13:26
47	IR.092806.133200	WG223617-17	CCV		1		09/28/06 13:32
48	IR.092806.133800	WG223617-18	CCB		1		09/28/06 13:38
49	IR.092806.134400	L0609513-20	WR246505	1.1/50	1		09/28/06 13:44
50	IR.092806.135100	L0609513-21	WR246506	1.2/50	1		09/28/06 13:51
51	IR.092806.135700	L0609513-22	WR246507		1		09/28/06 13:57
52	IR.092806.141200	L0609513-01	WR292501-01	1.12/50	2		09/28/06 14:12
53	IR.092806.141800	WG223244-02	Serial Dilution		10	L0609513-01	09/28/06 14:18
54	IR.092806.142400	WG223244-01	Post Digestion Spike		2	L0609513-01	09/28/06 14:24
55	IR.092806.143000	L0609513-02	WR292502-01	1.11/50	2		09/28/06 14:30
56	IR.092806.143600	L0609513-05	WR293503-01	1.08/50	2		09/28/06 14:36
57	IR.092806.144200	L0609513-07	WR293502-01		2		09/28/06 14:42
58	IR.092806.144900	L0609513-11	WR293501-02	1.13/50	10		09/28/06 14:49
59	IR.092806.145500	WG223617-19	CCV		1		09/28/06 14:55
60	IR.092806.150100	WG223617-20	CCB		1		09/28/06 15:01
61	IR.092806.150700	L0609513-16	WR246501	1.2/50	10		09/28/06 15:07
62	IR.092806.151300	L0609513-17	WR246502	1.26/50	2		09/28/06 15:13
63	IR.092806.151900	L0609513-22	WR246507	1.17/50	2		09/28/06 15:19
64	IR.092806.152500	WG223244-02	Serial Dilution		50	L0609513-01	09/28/06 15:25
65	IR.092806.153100	WG223244-01	Post Digestion Spike		5	L0609513-01	09/28/06 15:31
66	IR.092806.153700	L0609513-07	WR293502-01	1.25/50	5		09/28/06 15:37
67	IR.092806.155100	WG223617-21	Interference Check		1		09/28/06 15:51
68	IR.092806.155700	WG223617-22	Interference Check		1		09/28/06 15:57
69	IR.092806.160300	WG223617-23	CCV		1		09/28/06 16:03
70	IR.092806.160900	WG223617-24	CCB		1		09/28/06 16:09
71	IR.092806.162800	WG223517-01	Post Digestion Spike		5	L0609645-01	09/28/06 16:28
72	IR.092806.163400	L0609645-04	L31SP-04	1.36/50	1		09/28/06 16:34
73	IR.092806.164000	L0609645-05	L31SP-05	1.3/50	1		09/28/06 16:40
74	IR.092806.164600	L0609645-06	L31SP-11	1.3/50	1		09/28/06 16:46

Approved: September 29, 2006

KEMRON Environmental Services

Instrument Run Log

00092119

Instrument: IRIS-ICP Dataset: 20060928.1

Analyst1: SLP Analyst2: MMB

Method: 6010B SOP: ME600F Rev: 6

Maintenance Log ID: 15894

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577

ICSA: STD15048 ICSAB: STD15049

Workgroups: 223528, 223244, 223517, 223243, 223267

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
75	IR.092806.165200	L0609645-07	L31SP-06	1.39/50	1		09/28/06 16:52
76	IR.092806.165900	L0609645-11	L31SP-08	1.35/50	1		09/28/06 16:59
77	IR.092806.170500	L0609645-12	L31SP-09	1.36/50	1		09/28/06 17:05
78	IR.092806.171100	L0609645-13	L31SP-10	1.38/50	1		09/28/06 17:11
79	IR.092806.171700	L0609648-13	FT023-SB-1R2	1.39/50	1		09/28/06 17:17
80	IR.092806.172300	L0609648-14	FT023-SB-Q1R	1.42/50	1		09/28/06 17:23
81	IR.092806.172900	WG223617-25	CCV		1		09/28/06 17:29
82	IR.092806.173500	WG223617-26	CCB		1		09/28/06 17:35
83	IR.092806.174100	L0609648-15	FT023-SB-5R	1.32/50	1		09/28/06 17:41
84	IR.092806.174700	L0609509-02	1011-SO01-092006	1.34/50	10		09/28/06 17:47
85	IR.092806.175300	WG223617-27	CCV		1		09/28/06 17:53
86	IR.092806.175900	WG223617-28	CCB		1		09/28/06 17:59
87	IR.092806.181400	L0609645-07	L31SP-06	1.39/50	2		09/28/06 18:14
88	IR.092806.182000	WG223205-02	Method/Prep Blank	1/50	1		09/28/06 18:20
89	IR.092806.182600	WG223205-03	Laboratory Control S	1/50	1		09/28/06 18:26
90	IR.092806.183200	L0609540-02	35-SMP034-SB01-02	1.4/50	1		09/28/06 18:32
91	IR.092806.183800	WG223267-02	Serial Dilution		5	L0609540-02	09/28/06 18:38
92	IR.092806.184400	WG223267-02	Serial Dilution		25	L0609540-02	09/28/06 18:44
93	IR.092806.185000	WG223267-01	Post Digestion Spike		1	L0609540-02	09/28/06 18:50
94	IR.092806.185600	L0609540-03	35-SMP034-SB02-02	1.43/50	1		09/28/06 18:56
95	IR.092806.190200	L0609540-06	35-SMP111-SB01-01	1.4/50	1		09/28/06 19:02
96	IR.092806.190800	L0609540-07	35-SMP111-SB01-02	1.44/50	1		09/28/06 19:08
97	IR.092806.191400	WG223617-29	CCV		1		09/28/06 19:14
98	IR.092806.192000	WG223617-30	CCB		1		09/28/06 19:20
99	IR.092806.192600	L0609540-08	35-SMP073-SB01-01	1.39/50	1		09/28/06 19:26
100	IR.092806.193200	L0609540-09	35-SMP073-SB01-02	1.31/50	1		09/28/06 19:32
101	IR.092806.193800	L0609540-10	35-SMP073-SB02-01	1.37/50	1		09/28/06 19:38
102	IR.092806.194400	L0609540-11	35-SMP073-SB02-02	1.39/50	1		09/28/06 19:44
103	IR.092806.195000	L0609540-12	35-SMP074-SB01-01	1.3/50	1		09/28/06 19:50
104	IR.092806.195500	WG223205-01	Reference Sample		1	L0609540-13	09/28/06 19:55
105	IR.092806.200200	WG223205-04	Matrix Spike	1.35/50	1	L0609540-14	09/28/06 20:02
106	IR.092806.200800	WG223205-05	Matrix Spike Duplica	1.35/50	1	L0609540-15	09/28/06 20:08
107	IR.092806.201400	L0609540-16	35-SMP074-SB01-02-QC	1.43/50	1		09/28/06 20:14
108	IR.092806.202000	L0609540-17	35-SMP074-SB02-01	1/50	1		09/28/06 20:20
109	IR.092806.202600	WG223617-31	CCV		1		09/28/06 20:26
110	IR.092806.203200	WG223617-32	CCB		1		09/28/06 20:32
111	IR.092806.203800	L0609540-18	35-SMP074-SB02-02	1.4/50	1		09/28/06 20:38

Approved: September 29, 2006

KEMRON Environmental Services

Instrument Run Log

00092120

Instrument: IRIS-ICP Dataset: 20060928.1
Analyst1: SLP Analyst2: MMB
Method: 6010B SOP: ME600F Rev: 6
Maintenance Log ID: 15894

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577
ICSA: STD15048 ICSAB: STD15049

Workgroups: 223528, 223244, 223517, 223243, 223267

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
112	IR.092806.204300	L0609540-19	35-SMP075-SB01-01	1.39/50	1		09/28/06 20:43
113	IR.092806.205000	L0609540-20	35-SMP075-SB01-02	1.45/50	1		09/28/06 20:50
114	IR.092806.205500	L0609540-21	35-SMP087-SB01-01	1.39/50	1		09/28/06 20:55
115	IR.092806.210200	L0609540-22	35-SMP087-SB01-02	1.35/50	1		09/28/06 21:02
116	IR.092806.210700	L0609540-23	35-SMP087-SB02-01	1.42/50	1		09/28/06 21:07
117	IR.092806.211300	WG223617-33	CCV		1		09/28/06 21:13
118	IR.092806.211900	WG223617-34	CCB		1		09/28/06 21:19

Comments

Seq.	Rerun	Dil.	Reason	Analytes
27	Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.			
29	Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.			
30	Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.			
33	Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.			
37	Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.			
41	Zn OLR; reanalyzed @ dil. for Zn.			
43	Sr OLR; reanalyzed @ dil. for Sr.			
44	Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.			
51	Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.			
57	Sample instrument-flagged for uncorrected interference; reanalyzed @ greater dil. for all analytes.			
75	Cd TN; reanalyzed @ dil. for Cd.			
104	Mn OLR; needs reanalyzed @ dil. for Mn.			

Approved: September 29, 2006

KEMRON Environmental Services

Instrument Run Log

00092121

Instrument: IRIS-ICP Dataset: 20060929.1

Analyst1: SLP Analyst2: N/A

Method: 6010B SOP: ME600F Rev: 6

Maintenance Log ID: 15928

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577

ICSA: STD15428 ICSAB: STD15429

Workgroups: 223448, 223450, 223267

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
2	IR.092906.085100	WG223768-01	Calibration Point		1		09/29/06 08:51
3	IR.092906.085700	WG223768-02	Calibration Point		1		09/29/06 08:57
4	IR.092906.090300	WG223768-03	Calibration Point		1		09/29/06 09:03
5	IR.092906.090900	WG223768-04	Calibration Point		1		09/29/06 09:09
6	IR.092906.091500	WG223768-05	Calibration Point		1		09/29/06 09:15
7	IR.092906.092100	WG223768-06	Calibration Point		1		09/29/06 09:21
8	IR.092906.092800	WG223768-07	Initial Calibration Verification		1		09/29/06 09:28
9	IR.092906.093400	WG223768-08	Initial Calib Blank		1		09/29/06 09:34
10	IR.092906.094000	WG223768-09	Interference Check		1		09/29/06 09:40
11	IR.092906.094600	WG223768-10	Interference Check		1		09/29/06 09:46
12	IR.092906.095200	WG223768-11	CCV		1		09/29/06 09:52
13	IR.092906.095800	WG223768-12	CCB		1		09/29/06 09:58
14	IR.092906.100800	WG223347-02	Method/Prep Blank	1/50	1		09/29/06 10:08
15	IR.092906.101400	WG223347-03	Laboratory Control S	1/50	1		09/29/06 10:14
16	IR.092906.102000	WG223347-01	Reference Sample		1	L0609516-01	09/29/06 10:20
17	IR.092906.102600	WG223347-04	Matrix Spike		1	L0609516-02	09/29/06 10:26
18	IR.092906.103300	WG223347-05	Matrix Spike Duplica		1	L0609516-03	09/29/06 10:33
19	IR.092906.103900	L0609516-04	WR01050102		1		09/29/06 10:39
20	IR.092906.104500	WG223448-02	Serial Dilution	1.11/50	5	L0609516-04	09/29/06 10:45
21	IR.092906.105100	WG223448-01	Post Digestion Spike		1	L0609516-04	09/29/06 10:51
22	IR.092906.105700	L0609516-08	WR044E50101	1.35/50	1		09/29/06 10:57
23	IR.092906.110400	L0609516-09	WR044E50201	1.28/50	1		09/29/06 11:04
24	IR.092906.111000	WG223768-13	CCV		1		09/29/06 11:10
25	IR.092906.111600	WG223768-14	CCB		1		09/29/06 11:16
26	IR.092906.112200	L0609516-12	WR044I50101	1.36/50	1		09/29/06 11:22
27	IR.092906.112800	L0609516-17	WR22450501	1.25/50	1		09/29/06 11:28
28	IR.092906.113500	L0609516-18	WR22450301		1		09/29/06 11:35
29	IR.092906.114100	L0609516-19	WR22450401	1.03/50	1		09/29/06 11:41
30	IR.092906.114700	L0609516-20	WR22450201	1.14/50	1		09/29/06 11:47
31	IR.092906.115400	L0609516-24	WR22450102	1.12/50	1		09/29/06 11:54
32	IR.092906.120000	L0609516-25	WR31150101	1.14/50	1		09/29/06 12:00
33	IR.092906.120600	L0609516-26	WR31150201	1.3/50	1		09/29/06 12:06
34	IR.092906.121200	L0609516-27	WR31250101	1.36/50	1		09/29/06 12:12
35	IR.092906.121900	L0609516-28	WR31250201	1.23/50	1		09/29/06 12:19
36	IR.092906.122500	WG223768-15	CCV		1		09/29/06 12:25
37	IR.092906.123100	WG223768-16	CCB		1		09/29/06 12:31
38	IR.092906.123700	L0609516-29	WR31350101	1.23/50	1		09/29/06 12:37

Approved: October 02, 2006

KEMRON Environmental Services

Instrument Run Log

00092122

Instrument: IRIS-ICP Dataset: 20060929.1
Analyst1: SLP Analyst2: N/A
Method: 6010B SOP: ME600F Rev: 6
Maintenance Log ID: 15928

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577
ICSA: STD15428 ICSAB: STD15429

Workgroups: 223448, 223450, 223267

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
39	IR.092906.124300	L0609516-30	WR31450101		1		09/29/06 12:43
40	IR.092906.125700	WG223347-01	Reference Sample		2	L0609516-01	09/29/06 12:57
41	IR.092906.130300	WG223347-04	Matrix Spike		2	L0609516-02	09/29/06 13:03
42	IR.092906.130900	WG223347-05	Matrix Spike Duplica		2	L0609516-03	09/29/06 13:09
43	IR.092906.131600	L0609516-04	WR01050102	1.11/50	2		09/29/06 13:16
44	IR.092906.132200	WG223448-02	Serial Dilution		10	L0609516-04	09/29/06 13:22
45	IR.092906.132800	WG223448-01	Post Digestion Spike		2	L0609516-04	09/29/06 13:28
46	IR.092906.133400	L0609516-18	WR22450301	1.17/50	2		09/29/06 13:34
47	IR.092906.134000	L0609516-24	WR22450102	1.12/50	10		09/29/06 13:40
48	IR.092906.134600	WG223768-17	CCV		1		09/29/06 13:46
49	IR.092906.135200	WG223768-18	CCB		1		09/29/06 13:52
50	IR.092906.135800	L0609516-30	WR31450101	1.19/50	2		09/29/06 13:58
51	IR.092906.140500	WG223347-01	Reference Sample		5	L0609516-01	09/29/06 14:05
52	IR.092906.141100	WG223347-04	Matrix Spike	1.12/50	5	L0609516-02	09/29/06 14:11
53	IR.092906.141700	WG223347-05	Matrix Spike Duplica	1.12/50	5	L0609516-03	09/29/06 14:17
54	IR.092906.142300	WG223448-02	Serial Dilution		50	L0609516-04	09/29/06 14:23
55	IR.092906.142900	WG223448-01	Post Digestion Spike		5	L0609516-04	09/29/06 14:29
56	IR.092906.144900	WG223448-02	Serial Dilution		25	L0609516-04	09/29/06 14:49
57	IR.092906.145600	WG223448-02	Serial Dilution		125	L0609516-04	09/29/06 14:56
58	IR.092906.150800	WG223768-19	Interference Check		1		09/29/06 15:08
59	IR.092906.151400	WG223768-20	Interference Check		1		09/29/06 15:14
60	IR.092906.152000	WG223768-21	CCV		1		09/29/06 15:20
61	IR.092906.152600	WG223768-22	CCB		1		09/29/06 15:26
62	IR.092906.153600	WG223348-03	Method/Prep Blank	1/50	1		09/29/06 15:36
63	IR.092906.154200	WG223348-04	Laboratory Control S	1/50	1		09/29/06 15:42
64	IR.092906.154800	WG223348-01	Reference Sample		1	L0609516-21	09/29/06 15:48
65	IR.092906.155400	WG223450-02	Serial Dilution		5	L0609516-21	09/29/06 15:54
66	IR.092906.160200	WG223450-02	Serial Dilution		25	L0609516-21	09/29/06 16:02
67	IR.092906.161800	WG223450-01	Post Digestion Spike		5	L0609516-21	09/29/06 16:18
68	IR.092906.162400	WG223450-01	Post Digestion Spike		1	L0609516-21	09/29/06 16:24
69	IR.092906.163000	WG223348-05	Matrix Spike	1.12/50	1	L0609516-22	09/29/06 16:30
70	IR.092906.163700	WG223348-06	Matrix Spike Duplica	1.12/50	1	L0609516-23	09/29/06 16:37
71	IR.092906.164600	WG223450-01	Post Digestion Spike		5	L0609516-21	09/29/06 16:46
72	IR.092906.165200	WG223768-23	CCV		1		09/29/06 16:52
73	IR.092906.165800	WG223768-24	CCB		1		09/29/06 16:58
74	IR.092906.170400	WG223348-05	Matrix Spike	1.12/50	5	L0609516-22	09/29/06 17:04
75	IR.092906.171000	WG223348-06	Matrix Spike Duplica	1.12/50	5	L0609516-23	09/29/06 17:10

Approved: October 02, 2006

KEMRON Environmental Services

Instrument Run Log

00092123

Instrument: IRIS-ICP Dataset: 20060929.1
Analyst1: SLP Analyst2: N/A
Method: 6010B SOP: ME600F Rev: 6
Maintenance Log ID: 15928

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577
ICSA: STD15428 ICSAB: STD15429

Workgroups: 223448, 223450, 223267

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
76	IR.092906.171800	WG223768-25	Interference Check		1		09/29/06 17:18
77	IR.092906.172400	WG223768-26	Interference Check		1		09/29/06 17:24
78	IR.092906.173000	WG223768-27	CCV		1		09/29/06 17:30
79	IR.092906.173600	WG223768-28	CCB		1		09/29/06 17:36
80	IR.092906.174600	L0609560-01	1013-SO01-092106	1.37/50	1		09/29/06 17:46
81	IR.092906.175200	L0609560-02	1013-SO02-092106	1.31/50	1		09/29/06 17:52
82	IR.092906.175800	L0609581-01	35-SMP091-SB01-01	1.4/50	1		09/29/06 17:58
83	IR.092906.180400	WG223450-04	Serial Dilution		5	L0609581-01	09/29/06 18:04
84	IR.092906.181000	WG223450-04	Serial Dilution		25	L0609581-01	09/29/06 18:10
85	IR.092906.181600	WG223450-03	Post Digestion Spike		1	L0609581-01	09/29/06 18:16
86	IR.092906.182200	L0609581-02	35-SMP091-SB01-02	1.36/50	1		09/29/06 18:22
87	IR.092906.182800	L0609581-03	35-SMP093-SB01-01	1.32/50	1		09/29/06 18:28
88	IR.092906.183400	L0609581-04	35-SMP093-SB01-02	1.32/50	1		09/29/06 18:34
89	IR.092906.184000	L0609581-07	WRSMP005-SB01-01	1.35/50	1		09/29/06 18:40
90	IR.092906.184600	WG223768-29	CCV		1		09/29/06 18:46
91	IR.092906.185200	WG223768-30	CCB		1		09/29/06 18:52
92	IR.092906.185800	L0609581-08	WRSMP005-SB01-02	1.31/50	1		09/29/06 18:58
93	IR.092906.190400	WG223348-02	Reference Sample		1	L0609581-09	09/29/06 19:04
94	IR.092906.191000	WG223348-07	Matrix Spike	1.38/50	1	L0609581-10	09/29/06 19:10
95	IR.092906.191600	WG223348-08	Matrix Spike Duplica	1.38/50	1	L0609581-11	09/29/06 19:16
96	IR.092906.192200	L0609581-12	WRSMP005-SB02-02-QC	1.3/50	1		09/29/06 19:22
97	IR.092906.192800	L0609581-13	35-SMP050-SB01-01	1.36/50	1		09/29/06 19:28
98	IR.092906.193400	L0609581-14	35-SMP050-SB01-02	1.3/50	1		09/29/06 19:34
99	IR.092906.194000	L0609540-24	35-SMP087-SB02-02	1.32/50	1		09/29/06 19:40
100	IR.092906.194600	L0609540-25	35-SMP084-SB01-01	1.34/50	1		09/29/06 19:46
101	IR.092906.195200	L0609540-26	35-SMP084-SB01-02	1.32/50	1		09/29/06 19:52
102	IR.092906.195800	WG223768-31	CCV		1		09/29/06 19:58
103	IR.092906.200400	WG223768-32	CCB		1		09/29/06 20:04
104	IR.092906.201000	WG223205-01	Reference Sample		10	L0609540-13	09/29/06 20:10
105	IR.092906.201600	WG223205-04	Matrix Spike	1.35/50	10	L0609540-14	09/29/06 20:16
106	IR.092906.202200	WG223205-05	Matrix Spike Duplica	1.35/50	10	L0609540-15	09/29/06 20:22
107	IR.092906.202700	WG223768-33	CCV		1		09/29/06 20:27
108	IR.092906.203300	WG223768-34	CCB		1		09/29/06 20:33

Comments

Seq.	Rerun	Dil.	Reason	Analytes
16				

Approved: October 02, 2006

KEMRON Environmental Services

Instrument Run Log

00092124

Instrument: IRIS-ICP Dataset: 20060929.1
Analyst1: SLP Analyst2: N/A
Method: 6010B SOP: ME600F Rev: 6
Maintenance Log ID: 15928

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577
ICSA: STD15428 ICSAB: STD15429

Workgroups: 223448, 223450, 223267

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time

Seq.	Rerun	Dil.	Reason	Analytes
			Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.	
17			Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.	
18			Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.	
19			Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.	
21			Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.	
28			Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.	
31			Mn OLR; reanalyzed @ dil. for Mn.	
39			Sample instrument-flagged for uncorrected interference; reanalyzed @ dil. for all analytes.	
40			Sample instrument-flagged for uncorrected interference; reanalyzed @ greater dil. for all analytes.	
41			Sample instrument-flagged for uncorrected interference; reanalyzed @ greater dil. for all analytes.	
42			Sample instrument-flagged for uncorrected interference; reanalyzed @ greater dil. for all analytes.	
64			Mn OLR; reanalyzed @ dil. for Mn.	
67			Sample not spiked; remixed and reanalyzed.	
69			Mn OLR; reanalyzed @ dil. for Mn.	
70			Mn OLR; reanalyzed @ dil. for Mn.	
80			Ba OLR; reanalyzed @ dil. for Ba.	
101			Fe OLR; reanalyzed @ dil. for Fe.	

Page: 4 of 4 Approved: October 02, 2006

KEMRON Environmental Services

Instrument Run Log

00092125

Instrument: IRIS-ICP Dataset: 20061002.1

Analyst1: SLP Analyst2: N/A

Method: 6010B SOP: ME600F Rev: 6

Maintenance Log ID: 15947

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577

ICSA: STD15428 ICSAB: STD15429

Workgroups: 223518, 223450, 223642, 223643

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
1	IR.100206.084100	WG223950-01	Calibration Point		1		10/02/06 08:41
2	IR.100206.084700	WG223950-02	Calibration Point		1		10/02/06 08:47
3	IR.100206.085300	WG223950-03	Calibration Point		1		10/02/06 08:53
4	IR.100206.085900	WG223950-04	Calibration Point		1		10/02/06 08:59
5	IR.100206.090500	WG223950-05	Calibration Point		1		10/02/06 09:05
6	IR.100206.091100	WG223950-06	Calibration Point		1		10/02/06 09:11
7	IR.100206.091800	WG223950-07	Initial Calibration Verification		1		10/02/06 09:18
8	IR.100206.092400	WG223950-08	Initial Calib Blank		1		10/02/06 09:24
9	IR.100206.093000	WG223950-09	Interference Check		1		10/02/06 09:30
10	IR.100206.093600	WG223950-10	Interference Check		1		10/02/06 09:36
11	IR.100206.094200	WG223950-11	CCV		1		10/02/06 09:42
12	IR.100206.094800	WG223950-12	CCB		1		10/02/06 09:48
13	IR.100206.100900	WG223492-02	Method/Prep Blank	1/50	1		10/02/06 10:09
14	IR.100206.101600	WG223492-03	Laboratory Control S	1/50	1		10/02/06 10:16
15	IR.100206.102100	L0609600-01	CLB-9-20-06-1	1.08/50	1		10/02/06 10:21
16	IR.100206.102800	WG223492-01	Reference Sample		1	L0609619-01	10/02/06 10:28
17	IR.100206.103400	WG223492-04	Matrix Spike	1.3/50	1		10/02/06 10:34
18	IR.100206.104000	WG223492-05	Matrix Spike Duplica	1.3/50	1		10/02/06 10:40
19	IR.100206.104600	L0609619-02	WRS07-SB01-02	1.41/50	1		10/02/06 10:46
20	IR.100206.105100	WG223518-02	Serial Dilution		5	L0609619-02	10/02/06 10:51
21	IR.100206.105700	WG223518-02	Serial Dilution		25	L0609619-02	10/02/06 10:57
22	IR.100206.110300	WG223518-01	Post Digestion Spike		1	L0609619-02	10/02/06 11:03
23	IR.100206.110900	WG223950-13	CCV		1		10/02/06 11:09
24	IR.100206.111500	WG223950-14	CCB		1		10/02/06 11:15
25	IR.100206.112100	L0609619-03	WRS07-SB02-01	1.35/50	1		10/02/06 11:21
26	IR.100206.112700	L0609619-04	WRS07-SB02-02	1.3/50	1		10/02/06 11:27
27	IR.100206.113300	L0609619-07	WRS04-SB01-01	1.3/50	1		10/02/06 11:33
28	IR.100206.113900	L0609619-08	WRS04-SB01-02	1.37/50	1		10/02/06 11:39
29	IR.100206.114500	L0609619-09	WRS10-SB02-01	1.35/50	1		10/02/06 11:45
30	IR.100206.115100	L0609619-10	WRS10-SB02-02	1.32/50	1		10/02/06 11:51
31	IR.100206.115700	L0609619-11	WRS17-SB01-01	1.36/50	1		10/02/06 11:57
32	IR.100206.120300	L0609619-12	WRS17-SB01-02	1.35/50	1		10/02/06 12:03
33	IR.100206.120900	L0609619-13	WRS17-SB02-01	1.35/50	1		10/02/06 12:09
34	IR.100206.121500	L0609619-14	WRS17-SB02-02	1.39/50	1		10/02/06 12:15
35	IR.100206.122100	WG223950-15	CCV		1		10/02/06 12:21
36	IR.100206.122700	WG223950-16	CCB		1		10/02/06 12:27
37	IR.100206.123300	L0609619-15	WRS12-SB01-02	1.3/50	1		10/02/06 12:33

Page: 1 of 5 Approved: October 03, 2006

KEMRON Environmental Services

Instrument Run Log

00092126

Instrument: IRIS-ICP Dataset: 20061002.1

Analyst1: SLP Analyst2: N/A

Method: 6010B SOP: ME600F Rev: 6

Maintenance Log ID: 15947

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577

ICSA: STD15428 ICSAB: STD15429

Workgroups: 223518, 223450, 223642, 223643

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
38	IR.100206.123900	L0609619-16	WRS12-SB02-02	1.4/50	1		10/02/06 12:39
39	IR.100206.124500	L0609619-17	WRS14-SB01-01	1.35/50	1		10/02/06 12:45
40	IR.100206.125100	L0609619-18	WRS14-SB01-02	1.35/50	1		10/02/06 12:51
41	IR.100206.125700	L0609560-01	1013-SO01-092106	1.37/50	10		10/02/06 12:57
42	IR.100206.130300	L0609540-26	35-SMP084-SB01-02	1.32/50	10		10/02/06 13:03
43	IR.100206.130900	WG223950-17	CCV		1		10/02/06 13:09
44	IR.100206.131500	WG223950-18	CCB		1		10/02/06 13:15
45	IR.100206.132200	L0609600-01	CLB-9-20-06-1	1.08/50	10		10/02/06 13:22
46	IR.100206.132800	WG223492-01	Reference Sample		2	L0609619-01	10/02/06 13:28
47	IR.100206.133400	WG223492-04	Matrix Spike	1.3/50	2		10/02/06 13:34
48	IR.100206.134000	WG223492-05	Matrix Spike Duplica	1.3/50	2		10/02/06 13:40
49	IR.100206.134600	L0609619-07	WRS04-SB01-01	1.3/50	10		10/02/06 13:46
50	IR.100206.135200	L0609619-09	WRS10-SB02-01	1.35/50	10		10/02/06 13:52
51	IR.100206.135800	L0609619-17	WRS14-SB01-01	1.35/50	5		10/02/06 13:58
52	IR.100206.140500	L0609600-01	CLB-9-20-06-1	1.08/50	100		10/02/06 14:05
53	IR.100206.141100	WG223950-19	CCV		1		10/02/06 14:11
54	IR.100206.141700	WG223950-20	CCB		1		10/02/06 14:17
55	IR.100206.142900	WG223597-02	Method/Prep Blank	1/50	1		10/02/06 14:29
56	IR.100206.143500	WG223597-03	Laboratory Control S	1/50	1		10/02/06 14:35
57	IR.100206.144100	L0609635-12	SCF1015-S001-092506	1.47/50	1		10/02/06 14:41
58	IR.100206.144700	WG223642-02	Serial Dilution		5	L0609635-12	10/02/06 14:47
59	IR.100206.145300	WG223642-02	Serial Dilution		25	L0609635-12	10/02/06 14:53
60	IR.100206.145900	WG223642-01	Post Digestion Spike		1	L0609635-12	10/02/06 14:59
61	IR.100206.150500	L0609635-13	SCF1015-S002-092506	1.48/50	1		10/02/06 15:05
62	IR.100206.151100	L0609635-14	SCF1014-S001-092506	1.38/50	1		10/02/06 15:11
63	IR.100206.151700	L0609635-15	SCF1014-S002-092506	1.5/50	1		10/02/06 15:17
64	IR.100206.152300	L0609635-16	SCF1016-S001-092506	1.47/50	1		10/02/06 15:23
65	IR.100206.152900	WG223950-21	CCV		1		10/02/06 15:29
66	IR.100206.153500	WG223950-22	CCB		1		10/02/06 15:35
67	IR.100206.154100	L0609635-17	SCF1016-S002-092506	1.42/50	1		10/02/06 15:41
68	IR.100206.154700	L0609635-18	SCF1002-S001-092506	1.41/50	1		10/02/06 15:47
69	IR.100206.155300	WG223950-23	CCV		1		10/02/06 15:53
70	IR.100206.155900	WG223950-24	CCB		1		10/02/06 15:59
71	IR.100206.160600	L0609635-19	SCF1002-S002-092506	1.33/50	1		10/02/06 16:06
72	IR.100206.161200	WG223597-01	Reference Sample		1	L0609654-05	10/02/06 16:12
73	IR.100206.161800	WG223597-04	Matrix Spike	1.3/50	1		10/02/06 16:18
74	IR.100206.162400	WG223597-05	Matrix Spike Duplica	1.3/50	1		10/02/06 16:24

Approved: October 03, 2006

00092127

KEMRON Environmental Services

Instrument Run Log

Instrument: IRIS-ICP Dataset: 20061002.1

Analyst1: SLP Analyst2: N/A

Method: 6010B SOP: ME600F Rev: 6

Maintenance Log ID: 15947

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577

ICSA: STD15428 ICSAB: STD15429

Workgroups: 223518, 223450, 223642, 223643

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
75	IR.100206.163000	L0609654-06	WRS011-SB01-02	1.35/50	1		10/02/06 16:30
76	IR.100206.163600	L0609654-07	WRS011-SB02-01	1.39/50	1		10/02/06 16:36
77	IR.100206.164200	L0609654-08	WRS011-SB02-02	1.3/50	1		10/02/06 16:42
78	IR.100206.164800	L0609654-09	WRS021-SB01-01	1.37/50	1		10/02/06 16:48
79	IR.100206.165400	L0609654-10	WRS021-SB02-01	1.41/50	1		10/02/06 16:54
80	IR.100206.170000	L0609654-11	WRS021-SB02-02	1.4/50	1		10/02/06 17:00
81	IR.100206.170600	WG223950-25	CCV		1		10/02/06 17:06
82	IR.100206.171200	WG223950-26	CCB		1		10/02/06 17:12
83	IR.100206.171800	WG223593-02	Method/Prep Blank	1/50	1		10/02/06 17:18
84	IR.100206.172400	WG223593-03	Laboratory Control S	1/50	1		10/02/06 17:24
85	IR.100206.173000	L0609663-01	410-GRAB	1.3/50	1		10/02/06 17:30
86	IR.100206.173600	WG223643-02	Serial Dilution		5	L0609663-01	10/02/06 17:36
87	IR.100206.174200	WG223643-02	Serial Dilution		25	L0609663-01	10/02/06 17:42
88	IR.100206.174800	WG223643-01	Post Digestion Spike		1	L0609663-01	10/02/06 17:48
89	IR.100206.175400	L0609663-02	29-10	1.45/50	1		10/02/06 17:54
90	IR.100206.180000	L0609663-03	29-11	1.3/50	1		10/02/06 18:00
91	IR.100206.180700	L0609663-04	1275-GRAB	1.3/50	1		10/02/06 18:07
92	IR.100206.181300	L0609663-05	DUP-01	1.46/50	1		10/02/06 18:13
93	IR.100206.181900	WG223950-27	CCV		1		10/02/06 18:19
94	IR.100206.182500	WG223950-28	CCB		1		10/02/06 18:25
95	IR.100206.183100	WG223593-01	Reference Sample		1	L0609663-06	10/02/06 18:31
96	IR.100206.183700	WG223593-04	Matrix Spike	1.3/50	1	L0609663-07	10/02/06 18:37
97	IR.100206.184300	WG223593-05	Matrix Spike Duplica	1.3/50	1	L0609663-08	10/02/06 18:43
98	IR.100206.184900	L0609663-09	BLANK 9-26-06	1.35/50	1		10/02/06 18:49
99	IR.100206.185500	L0609630-02	MIP-01-SO-01-0906	1.39/50	1		10/02/06 18:55
100	IR.100206.190100	L0609630-03	MIP-10-SO-01-0906	1.32/50	1		10/02/06 19:01
101	IR.100206.190700	L0609630-04	MIP-06-SO-01-0906	1.42/50	1		10/02/06 19:07
102	IR.100206.191400	L0609630-05	MIP-06-SO-02-0906	1.32/50	1		10/02/06 19:14
103	IR.100206.192000	L0609658-01	MIP-09-SO-01-0906	1.47/50	1		10/02/06 19:20
104	IR.100206.192600	L0609658-02	DUP-09-SO-01-0906	1.33/50	1		10/02/06 19:26
105	IR.100206.193200	WG223950-29	CCV		1		10/02/06 19:32
106	IR.100206.193800	WG223950-30	CCB		1		10/02/06 19:38
107	IR.100206.194400	L0609658-04	MIP-09-SO-02-0906	1.5/50	1		10/02/06 19:44
108	IR.100206.195000	L0609658-05	MIP-12-SO-01-0906	1.3/50	1		10/02/06 19:50
109	IR.100206.195600	L0609658-06	MIP-12-SO-02-0906	1.44/50	1		10/02/06 19:56
110	IR.100206.200200	L0609658-07	MIP-11-SO-01-0906	1.41/50	1		10/02/06 20:02
111	IR.100206.200800	WG223950-31	CCV		1		10/02/06 20:08

Approved: October 03, 2006

KEMRON Environmental Services

Instrument Run Log

00092128

Instrument: IRIS-ICP Dataset: 20061002.1
Analyst1: SLP Analyst2: N/A
Method: 6010B SOP: ME600F Rev: 6
Maintenance Log ID: 15947

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577
ICSA: STD15428 ICSAB: STD15429

Workgroups: 223518, 223450, 223642, 223643

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
112	IR.100206.201400	WG223950-32	CCB		1		10/02/06 20:14

Comments

Seq.	Rerun	Dil.	Reason	Analytes
15			Ca, Zn OLR; reanalyzed @ dil. for Ca, Zn.	
16			Ag TN, Fe OLR; reanalyzed @ dil. for Ag, Fe.	
27			Fe OLR; reanalyzed @ dil. for Fe.	
29			Ca OLR; reanalyzed @ dil. for Ca.	
39			Ag TN, Ca, Fe OLR; reanalyzed @ dil. for Ag, Ca, Fe.	
45			Ca OLR; reanalyzed @ greater dil. for Ca.	
68			Ag TN, Ba OLR; needs reanalyzed @ dil. for Ag, Ba.	
79			Ca, Zn OLR; needs reanalyzed @ dil. for Ca, Zn.	
85			Ag TN; needs reanalyzed @ dil. for Ag.	
89			Ca OLR, Se TN; needs reanalyzed @ dil. for Ca, Se.	
90			Ca OLR; needs reanalyzed @ dil. for Ca.	
91			Ca OLR; needs reanalyzed @ dil. for Ca.	
92			Ag TN; needs reanalyzed @ dil. for Ag.	
95			Ca OLR; needs reanalyzed @ dil. for Ca.	
96			Ca OLR; needs reanalyzed @ dil. for Ca.	
97			Ca OLR; needs reanalyzed @ dil. for Ca.	
99			Ag TN; needs reanalyzed @ dil. for Ag.	
100			Ag TN; needs reanalyzed @ dil. for Ag.	
107			Ag TN; needs reanalyzed @ dil. for Ag.	
109				

Approved: October 03, 2006

KEMRON Environmental Services

Instrument Run Log

00092129

Instrument: IRIS-ICP Dataset: 20061002.1

Analyst1: SLP Analyst2: N/A

Method: 6010B SOP: ME600F Rev: 6

Maintenance Log ID: 15947

Calibration Std: STD15289 ICV/CCV Std: STD15241 Post Spike: STD14577

ICSA: STD15428 ICSAB: STD15429

Workgroups: 223518, 223450, 223642, 223643

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time

Seq.	Rerun	Dil.	Reason	Analytes
Ag TN; needs reanalyzed @ dil. for Ag.				

Approved: October 03, 2006

Metals Digestion Log

Analyst(s): [illegible]
Date: 9/25/06
LCS: 5 ml STD 15240
MS/MSD: 5 ml STD 15240
Witness: AD
HNO_3 Lot #: RGT 10672
1:1HNO_3: RGT 10670
HCl Lot #: RGT 10625
H_2O_2 Lot #: RGT 10708
Earliest Sample Due Date: 10/3/06
Hotblock #: 1
Hotblock Temp - Start: 94.0 °C 0640
Hotblock Temp - End: 95.0 °C 1205

Box: 74
Digestion Work Group: WG 223205

General Digestion
ME401 Revision # _____ - Method 3005A-Water
ME403 Revision # 12 - Method 3050B-Soil

Furnace Digestion
ME402 Revision # _____ - Method 3020A-Water
ME403 Revision # _____ - Method 3050B-Soil

AS/SE Digestion
ME410 Revision # _____ - Method 7060/7740-Water

Relinquished By: [illegible]
Digest Received By: BLP Date: 9/25/06

	KEMRON #	Initial WT/Vol	Final Volume	Comments	Due Date
1	MBS	1.008	50 ml	-02	
2	LCSS	1			
3	09-540-02	1.40			10/3
4	-03	1.43			
5	-06	1.40			
6	-07	1.44			
7	-08	1.39			
8	-09	1.31			
9	-10	1.37			
10	-11	1.39			
11	-12	1.30			
12	-13 RGT	1.35		-01	
13	-14 MS	1		-04	
14	-15 MSD	1		-05	
15	-16	1.43			
16	-17	1.31			
17	-18	1.40			
18	-19	1.39			
19	-20	1.45			
20	-21	1.39			
21	-22	1.35			
22	-23	1.42	1		
23					
24					
25					
26		9/25/06			
27					
28					

Comments: _____

Primary Review: [illegible] 9/25/06
Secondary Review: Vicki Colby 9/25/06

Metals Digestion Log

Analyst(s): RM
Date: 9/26/06
LCS: 5 ml STD 15240
MS/MSD: 5 ml STD 15240
Witness: MD
HNO_3 Lot #: RGT 10672
1:1HNO_3: RGT 10670
HCl Lot #: RGT 10625
H_2O_2 Lot #: RGT 10708
Earliest Sample Due Date: 10/2
Hotblock #: 1
Hotblock Temp - Start: 94.0 @ 0715
Hotblock Temp - End: 95.0 @ 1225

Box: B6
Digestion Work Group: WG 223548

General Digestion
ME401 Revision # _____ - Method 3005A-Water
ME403 Revision # 12 - Method 3050B-Soil

Furnace Digestion
ME402 Revision # _____ - Method 3020A-Water
ME403 Revision # _____ - Method 3050B-Soil

AS/SE Digestion
ME410 Revision # _____ - Method 7060/7740-Water

Relinquished By: RM
Digest Received By: VAS Date: 9/26/06

	KEMRON #	Initial WT/Vol	Final Volume	Comments	Due Date
1	MBS	1.00 g	50 ml	-03	
2	LCSS	1		-04	
3	09-516-21 RE	1.13		Level 4 -01	10/2
4	-22 MS	1		-05	
5	-23 MD	1		-06	
6	09-560-01	1.37			10/6
7	-02	1.31		1	
8	09-581-01	1.40			10/6
9	-02	1.36			
10	-03	1.32			
11	-04	1.32			
12	-07	1.35			
13	-08	1.31			
14	-09 RE	1.38		-02	
15	-10 MS	1		-07	
16	-11 MD	1		-08	
17	-12	1.30			
18	-13	1.36			
19	-14	1.30			
20	09-540-24	1.32 g	50 ml		10/3
21	-25	1.34	1		
22	-26	1.32			
23					
24					
25			9/26/06		
26					
27					
28					

Comments: _____

Primary Review: 9/26/06 Secondary Review: Vicki Collins 9/26/06

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092132

Analytical Method: 6010B AAB#: WG223267
Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP034-SB01-02	09/20/06	09/22/06	09/25/06	180	4.66	09/28/06	180	3.49	
35-SMP034-SB01-02	09/20/06	09/22/06	09/25/06	180	4.66	09/28/06	180	3.50	
35-SMP034-SB02-02	09/20/06	09/22/06	09/25/06	180	4.67	09/28/06	180	3.51	
35-SMP111-SB01-01	09/20/06	09/22/06	09/25/06	180	4.68	09/28/06	180	3.52	
35-SMP111-SB01-02	09/20/06	09/22/06	09/25/06	180	4.67	09/28/06	180	3.52	
35-SMP073-SB01-01	09/21/06	09/22/06	09/25/06	180	3.86	09/28/06	180	3.53	
35-SMP073-SB01-02	09/21/06	09/22/06	09/25/06	180	3.85	09/28/06	180	3.54	
35-SMP073-SB02-01	09/21/06	09/22/06	09/25/06	180	3.86	09/28/06	180	3.54	
35-SMP073-SB02-02	09/21/06	09/22/06	09/25/06	180	3.84	09/28/06	180	3.54	
35-SMP074-SB01-01	09/21/06	09/22/06	09/25/06	180	3.89	09/28/06	180	3.55	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.88	09/28/06	180	3.55	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.88	09/29/06	180	4.56	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.88	09/28/06	180	3.56	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.88	09/29/06	180	4.57	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.88	09/28/06	180	3.56	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.88	09/29/06	180	4.57	
35-SMP074-SB01-02-QC	09/21/06	09/22/06	09/25/06	180	3.88	09/28/06	180	3.57	
35-SMP074-SB02-01	09/21/06	09/22/06	09/25/06	180	3.89	09/28/06	180	3.57	
35-SMP074-SB02-02	09/21/06	09/22/06	09/25/06	180	3.88	09/28/06	180	3.58	
35-SMP075-SB01-01	09/21/06	09/22/06	09/25/06	180	3.91	09/28/06	180	3.59	
35-SMP075-SB01-02	09/21/06	09/22/06	09/25/06	180	3.90	09/28/06	180	3.59	
35-SMP087-SB01-01	09/21/06	09/22/06	09/25/06	180	3.89	09/28/06	180	3.59	
35-SMP087-SB01-02	09/21/06	09/22/06	09/25/06	180	3.88	09/28/06	180	3.60	
35-SMP087-SB02-01	09/21/06	09/22/06	09/25/06	180	3.88	09/28/06	180	3.60	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092133

Analytical Method: 6010B AAB#: WG223450
Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP087-SB02-02	09/21/06	09/22/06	09/26/06	180	4.89	09/29/06	180	3.52	
35-SMP084-SB01-01	09/21/06	09/22/06	09/26/06	180	4.94	09/29/06	180	3.52	
35-SMP084-SB01-02	09/21/06	09/22/06	09/26/06	180	4.93	09/29/06	180	3.53	
35-SMP084-SB01-02	09/21/06	09/22/06	09/26/06	180	4.93	10/02/06	180	6.24	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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Report generated 10/02/2006 15:12

KEMRON Environmental Services

METHOD BLANK SUMMARY

00092134

Login Number: L0609540
Work Group: WG223267
Blank File ID: IR.092806.182000
Blank Sample ID: WG223205-02
Date Analyzed: 09/28/06
Instrument ID: IRIS-ICP
Time Analyzed: 18:20
Method: 6010B
Analyst: SLP

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223205-03	IR.092806.182600	09/28/06 18:26	01
35-SMP034-SB01-02	L0609540-02	IR.092806.183200	09/28/06 18:32	01
35-SMP034-SB01-02	L0609540-02	IR.092806.183800	09/28/06 18:38	DL01
35-SMP034-SB02-02	L0609540-03	IR.092806.185600	09/28/06 18:56	01
35-SMP111-SB01-01	L0609540-06	IR.092806.190200	09/28/06 19:02	01
35-SMP111-SB01-02	L0609540-07	IR.092806.190800	09/28/06 19:08	01
35-SMP073-SB01-01	L0609540-08	IR.092806.192600	09/28/06 19:26	01
35-SMP073-SB01-02	L0609540-09	IR.092806.193200	09/28/06 19:32	01
35-SMP073-SB02-01	L0609540-10	IR.092806.193800	09/28/06 19:38	01
35-SMP073-SB02-02	L0609540-11	IR.092806.194400	09/28/06 19:44	01
35-SMP074-SB01-01	L0609540-12	IR.092806.195000	09/28/06 19:50	01
35-SMP074-SB01-02	L0609540-13	IR.092806.195500	09/28/06 19:55	01
35-SMP074-SB01-02	L0609540-14	IR.092806.200200	09/28/06 20:02	01
35-SMP074-SB01-02	L0609540-15	IR.092806.200800	09/28/06 20:08	01
35-SMP074-SB01-02-QC	L0609540-16	IR.092806.201400	09/28/06 20:14	01
35-SMP074-SB02-01	L0609540-17	IR.092806.202000	09/28/06 20:20	01
35-SMP074-SB02-02	L0609540-18	IR.092806.203800	09/28/06 20:38	01
35-SMP075-SB01-01	L0609540-19	IR.092806.204300	09/28/06 20:43	01
35-SMP075-SB01-02	L0609540-20	IR.092806.205000	09/28/06 20:50	01
35-SMP087-SB01-01	L0609540-21	IR.092806.205500	09/28/06 20:55	01
35-SMP087-SB01-02	L0609540-22	IR.092806.210200	09/28/06 21:02	01
35-SMP087-SB02-01	L0609540-23	IR.092806.210700	09/28/06 21:07	01
35-SMP074-SB01-02	L0609540-13	IR.092906.201000	09/29/06 20:10	DL01
35-SMP074-SB01-02	L0609540-14	IR.092906.201600	09/29/06 20:16	DL01
35-SMP074-SB01-02	L0609540-15	IR.092906.202200	09/29/06 20:22	DL01

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KEMRON Environmental Services

00092135

METHOD BLANK SUMMARY

Login Number: L0609540
Work Group: WG223450
Blank File ID: IR.092906.153600
Blank Sample ID: WG223348-03
Date Analyzed: 09/29/06
Instrument ID: IRIS-ICP
Time Analyzed: 15:36
Method: 6010B
Analyst: SLP

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223348-04	IR.092906.154200	09/29/06 15:42	01
35-SMP087-SB02-02	L0609540-24	IR.092906.194000	09/29/06 19:40	01
35-SMP084-SB01-01	L0609540-25	IR.092906.194600	09/29/06 19:46	01
35-SMP084-SB01-02	L0609540-26	IR.092906.195200	09/29/06 19:52	01
35-SMP084-SB01-02	L0609540-26	IR.100206.130300	10/02/06 13:03	DL01

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Report generated 10/02/2006 15:12

KEMRON Environmental Services

METHOD BLANK REPORT

00092136

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223205-02
Instrument ID: IRIS-ICP Run Time: 18:20 Prep Method: 3050B
File ID: IR.092806.182000 Analyst: SLP Method: 6010B
Workgroup (AAB#): WG223267 Matrix: Soil Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: IRIS-I-28-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Aluminum, Total	10.0	20.0	10.0	1	U
Silver, Total	0.250	2.00	0.250	1	U
Barium, Total	0.100	0.500	0.100	1	U
Beryllium, Total	0.0120	0.500	0.0120	1	U
Calcium, Total	5.00	10.0	5.00	1	U
Cadmium, Total	0.0500	0.500	0.0500	1	U
Cobalt, Total	0.120	1.00	0.120	1	U
Chromium, Total	0.120	1.00	0.120	1	U
Copper, Total	0.500	1.00	0.500	1	U
Iron, Total	1.00	2.00	1.00	1	U
Potassium, Total	25.0	50.0	25.0	1	U
Magnesium, Total	12.0	25.0	12.0	1	U
Manganese, Total	0.100	0.500	0.100	1	U
Sodium, Total	5.00	25.0	5.00	1	U
Nickel, Total	0.500	2.00	0.500	1	U
Vanadium, Total	0.250	0.500	0.250	1	U
Zinc, Total	0.500	1.00	0.637	1	J

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

METHOD BLANK REPORT

00092137

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223348-03
Instrument ID: IRIS-ICP Run Time: 15:36 Prep Method: 3050B
File ID: IR.092906.153600 Analyst: SLP Method: 6010B
Workgroup (AAB#): WG223450 Matrix: Soil Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: IRIS-I-29-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Aluminum, Total	10.0	20.0	10.0	1	U
Silver, Total	0.250	2.00	0.250	1	U
Barium, Total	0.100	0.500	0.100	1	U
Beryllium, Total	0.0120	0.500	0.0120	1	U
Calcium, Total	5.00	10.0	5.00	1	U
Cadmium, Total	0.0500	0.500	0.0500	1	U
Cobalt, Total	0.120	1.00	0.120	1	U
Chromium, Total	0.120	1.00	0.120	1	U
Copper, Total	0.500	1.00	0.500	1	U
Iron, Total	1.00	2.00	1.00	1	U
Potassium, Total	25.0	50.0	25.0	1	U
Magnesium, Total	12.0	25.0	12.0	1	U
Manganese, Total	0.100	0.500	0.100	1	U
Sodium, Total	5.00	25.0	5.00	1	U
Nickel, Total	0.500	2.00	0.500	1	U
Vanadium, Total	0.250	0.500	0.250	1	U
Zinc, Total	0.500	1.00	0.500	1	U

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092138

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223205-03
Instrument ID: IRIS-ICP Run Time: 18:26 Prep Method: 3050B
File ID: IR.092806.182600 Analyst: SLP Method: 6010B
Workgroup (AAB#): WG223267 Matrix: Solid Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: IRIS-I-28-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Aluminum, Total	250	227	90.9	80 - 120	
Silver, Total	10.0	9.53	95.3	80 - 120	
Barium, Total	25.0	23.7	94.9	80 - 120	
Beryllium, Total	1.25	1.19	94.9	80 - 120	
Calcium, Total	250	239	95.5	80 - 120	
Cadmium, Total	1.25	1.16	93.0	80 - 120	
Cobalt, Total	5.00	4.76	95.2	80 - 120	
Chromium, Total	12.5	11.5	92.0	80 - 120	
Copper, Total	12.5	11.7	93.3	80 - 120	
Iron, Total	100	91.1	91.1	80 - 120	
Potassium, Total	1250	1260	101	80 - 120	
Magnesium, Total	250	226	90.5	80 - 120	
Manganese, Total	12.5	11.7	93.3	80 - 120	
Sodium, Total	1250	1280	103	80 - 120	
Nickel, Total	12.5	11.4	91.4	80 - 120	
Vanadium, Total	25.0	23.7	94.8	80 - 120	
Zinc, Total	25.0	22.8	91.2	80 - 120	

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Report generated 10/02/2006 09:16

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092139

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223348-04
Instrument ID: IRIS-ICP Run Time: 15:42 Prep Method: 3050B
File ID: IR.092906.154200 Analyst: SLP Method: 6010B
Workgroup (AAB#): WG223450 Matrix: Solid Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: IRIS-I-29-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Aluminum, Total	250	228	91.3	80 - 120	
Silver, Total	10.0	9.49	94.9	80 - 120	
Barium, Total	25.0	23.8	95.1	80 - 120	
Beryllium, Total	1.25	1.20	95.8	80 - 120	
Calcium, Total	250	241	96.3	80 - 120	
Cadmium, Total	1.25	1.18	94.2	80 - 120	
Cobalt, Total	5.00	4.83	96.6	80 - 120	
Chromium, Total	12.5	11.7	93.4	80 - 120	
Copper, Total	12.5	11.7	93.7	80 - 120	
Iron, Total	100	93.0	93.0	80 - 120	
Potassium, Total	1250	1220	97.9	80 - 120	
Magnesium, Total	250	225	90.0	80 - 120	
Manganese, Total	12.5	11.8	94.2	80 - 120	
Sodium, Total	1250	1240	99.1	80 - 120	
Nickel, Total	12.5	11.6	93.0	80 - 120	
Vanadium, Total	25.0	24.0	96.1	80 - 120	
Zinc, Total	25.0	22.7	90.8	80 - 120	

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 580433
Report generated 10/02/2006 09:16

KEMRON Environmental Services

MS/MSD REPORT

00092140

Loginnum:L0609540 Cal ID: IRIS-ICP-28-SEP-06 Worknum:WG223267
Instrument ID:IRIS-ICP Contract #:DACA56-94-D-0020 Prep Method:3050B
Parent ID:L0609540-13 File ID:IR.092806.195500 Dil:1 Method:6010B
Sample ID:L0609540-14 MS File ID:IR.092806.200200 Dil:1 Matrix:Soil
Sample ID:L0609540-15 MSD File ID:IR.092806.200800 Dil:1 Units:mg/kg
Percent Solid:87.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Aluminum, Total	11900	211	24300	5880	211	23900	5700	1.59	75 - 125	20	*
Silver, Total	ND	8.43	7.57	89.7	8.43	7.59	90.0	0.278	75 - 125	20	
Barium, Total	574	21.1	133	-2090	21.1	86.6	-2310	42.3	75 - 125	20	*#
Beryllium, Total	0.568	1.05	1.65	102	1.05	1.62	99.7	1.78	75 - 125	20	
Calcium, Total	548	211	753	97.3	211	772	106	2.46	75 - 125	20	
Cadmium, Total	0.507	1.05	1.17	62.7	1.05	1.14	60.4	2.08	75 - 125	20	*
Cobalt, Total	5.45	4.22	7.53	49.3	4.22	6.91	34.6	8.60	75 - 125	20	*
Chromium, Total	13.9	10.5	30.1	154	10.5	29.3	146	2.93	75 - 125	20	*
Copper, Total	3.67	10.5	14.7	105	10.5	14.7	105	0.0689	75 - 125	20	
Iron, Total	18600	84.3	15500	-3650	84.3	13300	-6230	15.1	75 - 125	20	*
Potassium, Total	312	1050	1650	127	1050	1630	125	1.56	75 - 125	20	*
Magnesium, Total	745	211	1520	368	211	1520	367	0.136	75 - 125	20	*
Sodium, Total	330	1050	1330	94.6	1050	1330	94.8	0.184	75 - 125	20	
Nickel, Total	6.22	10.5	20.1	131	10.5	19.8	129	1.19	75 - 125	20	*
Vanadium, Total	40.8	21.1	54.1	63.1	21.1	47.6	32.3	12.8	75 - 125	20	*
Zinc, Total	15.5	21.1	49.1	159	21.1	48.4	156	1.39	75 - 125	20	*

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 07/13/2006
Version 1.5 PDF File ID: 580435
Report generated 10/02/2006 09:44

KEMRON Environmental Services

MS/MSD REPORT

00092141

Loginnum:L0609540 Cal ID: IRIS-ICP-29-SEP-06 Worknum:WG223267
Instrument ID:IRIS-ICP Contract #:DACA56-94-D-0020 Prep Method:3050B
Parent ID:L0609540-13 File ID:IR.092906.201000 Dil:10 Method:6010B
Sample ID:L0609540-14 MS File ID:IR.092906.201600 Dil:10 Matrix:Soil
Sample ID:L0609540-15 MSD File ID:IR.092906.202200 Dil:10 Units:mg/kg
Percent Solid:87.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Manganese, Total	3650	10.5	623	-28700	10.5	278	-32000	76.5	75 - 125	20	*#

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 07/13/2006
Version 1.5 PDF File ID: 580435
Report generated 10/02/2006 09:44

KEMRON Environmental Services

MATRIX SPIKE AND MATRIX SPIKE DUP (MS/MSD)

00092142

Loginnum:L0609540 Cal ID: IRIS-ICP- Worknum:WG223450
Instrument ID:IRIS-ICP Contract #:DACA56-94-D-0020 Method:6010B
Parent ID:WG223348-02 File ID:IR.092906.190400 Dil:1 Matrix:SOLID
Sample ID:WG223348-07 MS File ID:IR.092906.191000 Dil:1 Units:mg/kg
Sample ID:WG223348-08 MSD File ID:IR.092906.191600 Dil:1 Percent Solid:79.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Aluminum, Total	20900	227	35700	6490	227	33500	5530	6.28	75 - 125	20	*
Barium, Total	65.6	22.7	99.1	147	22.7	95.8	133	3.32	75 - 125	20	*
Beryllium, Total	1.09	1.14	2.24	101	1.14	2.21	98.2	1.51	75 - 125	20	
Cadmium, Total	0.0727	1.14	1.26	104	1.14	1.24	103	0.945	75 - 125	20	
Calcium, Total	610	227	804	85.5	227	780	75.0	3.02	75 - 125	20	
Chromium, Total	24.1	11.4	41.3	152	11.4	42.0	158	1.80	75 - 125	20	*
Cobalt, Total	9.06	4.54	13.9	107	4.54	13.4	95.0	3.99	75 - 125	20	
Copper, Total	6.80	11.4	19.0	108	11.4	18.3	101	3.96	75 - 125	20	
Iron, Total	24500	90.9	24400	-118	90.9	25300	946	3.89	75 - 125	20	*
Magnesium, Total	1500	227	2500	441	227	2350	372	6.38	75 - 125	20	*
Manganese, Total	59.2	11.4	72.8	120	11.4	73.4	125	0.752	75 - 125	20	
Nickel, Total	11.7	11.4	27.2	136	11.4	26.3	129	3.29	75 - 125	20	*
Potassium, Total	522	1140	2180	146	1140	2090	138	4.18	75 - 125	20	*
Silver, Total	ND	9.09	7.86	86.6	9.09	7.59	83.6	3.49	75 - 125	20	
Sodium, Total	243	1140	1280	91.2	1140	1220	86.3	4.45	75 - 125	20	
Vanadium, Total	41.0	22.7	72.6	139	22.7	73.8	144	1.59	75 - 125	20	*
Zinc, Total	31.8	22.7	66.2	152	22.7	64.2	143	3.11	75 - 125	20	*

* FAILS %REC LIMIT

FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

KEMRON FORMS - Modified 03/16/2006
Version 1.5 PDF File ID: 582082
Report generated 10/02/2006 09:16

Sample Login ID: L0609540 Worknum: WG223267
Instrument ID: IRIS-ICP Method: 6010B
Sample ID: L0609540-02 File ID: IR.092806.183200 Dil: 1 Units: mg/kg
Serial Dilution ID: WG223267-02 File ID: IR.092806.183800 Dil: 5

Analyte	Sample	C	Serial Dilution	C	% Difference	Q
Aluminum	381		388		1.84	
Barium	2.01		2.05		1.99	
Beryllium	0.0187		0.0194	F	3.74	
Cadmium	0.00406	F	0	U	100	
Calcium	42.9		43.6		1.63	
Chromium	0.549		0.615		12.0	E
Cobalt	0.123		0.157	X	27.6	E
Copper	0.242	X	0.237	X	2.07	
Iron	638		752		17.9	E
Magnesium	38.8		39.4	X	1.55	
Manganese	2.30		2.78		20.9	E
Nickel	0.274	X	0.306	X	11.7	
Potassium	15.7	X	17.2	X	9.55	
Silver	ND	U	ND	U		
Sodium	0.659	X	0.803	F	21.9	
Vanadium	0.933		0.950	X	1.82	
Zinc	1.04		1.14	X	9.62	

U = Result is below MDL
F = Result is between MDL and RL
X = Result is greater than RL and less than 50 times the MDL
E = %D exceeds control limit of 10% and initial
sample result is greater than or equal to 50 times the MDL

KEMRON FORMS - Modified 02/14/2006
Version 1.3 PDF File ID: 580428
Report generated 10/02/2006 09:15

Sample Login ID: L0609540 Worknum: WG223267
Instrument ID: IRIS-ICP Method: 6010B
Sample ID: L0609540-02 File ID: IR.092806.183800 Dil: 5 Units: mg/kg
Serial Dilution ID: WG223267-02 File ID: IR.092806.184400 Dil: 25

Analyte	Sample	C	Serial Dilution	C	% Difference	Q
Aluminum	388		380		2.06	
Barium	2.05		2.05	X	0.00	
Beryllium	0.0194	F	0.0193	F	0.515	
Cadmium	0	U	0	U		
Calcium	43.6		44.0	X	0.917	
Chromium	0.615		0.614	X	0.163	
Cobalt	0.157	X	0.228	F	45.2	
Copper	0.237	X	0	U	100	
Iron	752		740		1.60	
Magnesium	39.4	X	39.5	X	0.254	
Manganese	2.78		2.85		2.52	
Nickel	0.306	X	0.323	F	5.56	
Potassium	17.2	X	16.4	F	4.65	
Silver	ND	U	ND	U		
Sodium	0.803	F	0	U	100	
Vanadium	0.950	X	0.916	X	3.58	
Zinc	1.14	X	1.25	X	9.65	

U = Result is below MDL
F = Result is between MDL and RL
X = Result is greater than RL and less than 50 times the MDL
E = %D exceeds control limit of 10% and initial
sample result is greater than or equal to 50 times the MDL

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Sample Login ID: L0609540 Worknum: WG223450
Instrument ID: IRIS-ICP Method: 6010B
Sample ID: L0609581-01 File ID: IR.092906.175800 Dil: 1 Units: mg/kg
Serial Dilution ID: WG223450-04 File ID: IR.092906.180400 Dil: 5

Analyte	Sample	C	Serial Dilution	C	% Difference	Q
Aluminum	289		292		1.04	
Barium	1.68		1.68		0.00	
Beryllium	0.0176		0.0176	F	0.00	
Cadmium	0.00222	F	0.00550	F	148	
Calcium	48.0		47.8		0.417	
Chromium	0.431		0.477	X	10.7	E
Cobalt	0.147		0.180	X	22.4	E
Copper	0.101	X	0.0993	F	1.68	
Iron	466		523		12.2	E
Magnesium	13.7		13.7	X	0.00	
Manganese	3.49		4.04		15.8	E
Nickel	0.159	X	0.172	F	8.18	
Potassium	8.91	X	9.72	X	9.09	
Silver	ND	U	ND	U		
Sodium	0.729	X	0.892	F	22.4	
Vanadium	0.846		0.858	X	1.42	
Zinc	0.412	X	0.433	X	5.10	

U = Result is below MDL
F = Result is between MDL and RL
X = Result is greater than RL and less than 50 times the MDL
E = %D exceeds control limit of 10% and initial
sample result is greater than or equal to 50 times the MDL

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Sample Login ID:L0609540 Worknum:WG223267
Instrument ID:IRIS-ICP Method:6010B
Post Spike ID: WG223267-01 File ID:IR.092806.185000 Dil:1 Units:mg/kg
Sample ID: L0609540-02 File ID:IR.092806.183200 Dil:1 Matrix:Soil

Analyte	Control Limit %R	Post Spike Result	C	Sample Result	C	Spike Added(SA)	% R	Q
ALUMINUM	75 - 125	345		381		5.00	42.0	N
BARIUM	75 - 125	2.27		2.01		0.500	92.2	
BERYLLIUM	75 - 125	0.0402		0.0187		0.0250	93.5	
CADMIUM	75 - 125	0.0277		0.00406	F	0.0250	96.2	
CALCIUM	75 - 125	43.2		42.9		5.00	91.8	
CHROMIUM	75 - 125	0.713		0.549		0.250	87.6	
COBALT	75 - 125	0.197		0.123		0.100	86.3	
COPPER	75 - 125	0.448		0.242		0.250	92.1	
IRON	75 - 125	581		638		2.00	340	N
MAGNESIUM	75 - 125	39.1		38.8		5.00	83.6	
MANGANESE	75 - 125	2.29		2.30		0.250	88.0	
NICKEL	75 - 125	0.470		0.274		0.250	89.4	
POTASSIUM	75 - 125	37.1		15.7		25.0	91.9	
SILVER	75 - 125	0.174		ND	U	0.200	87.0	
SODIUM	75 - 125	23.8		0.659		25.0	92.8	
VANADIUM	75 - 125	1.28		0.933		0.500	88.1	
ZINC	75 - 125	1.42		1.04		0.500	96.8	

N = % Recoverv exceeds control limits of 75% - 125%
F = Result is between MDL and RL
U = Sample result is below MDL. A value of zero is used in the calculation.

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Sample Login ID:L0609540 Worknum:WG223450
Instrument ID:IRIS-ICP Method:6010B
Post Spike ID: WG223450-03 File ID:IR.092906.181600 Dil:1 Units:mg/kg
Sample ID: L0609581-01 File ID:IR.092906.175800 Dil:1 Matrix:Soil

Analyte	Control Limit %R	Post Spike Result	C	Sample Result	C	Spike Added(SA)	% R	Q
ALUMINUM	75 - 125	266		289		5.00	118	
BARIUM	75 - 125	1.99		1.68		0.500	95.6	
BERYLLIUM	75 - 125	0.0403		0.0176		0.0250	97.8	
CADMIUM	75 - 125	0.0270		0.00222	F	0.0250	100	
CALCIUM	75 - 125	48.6		48.0		5.00	108	
CHROMIUM	75 - 125	0.620		0.431		0.250	92.8	
COBALT	75 - 125	0.223		0.147		0.100	90.7	
COPPER	75 - 125	0.332		0.101		0.250	96.4	
IRON	75 - 125	421		466		2.00	80.0	
MAGNESIUM	75 - 125	17.2		13.7		5.00	97.4	
MANGANESE	75 - 125	3.36		3.49		0.250	87.6	
NICKEL	75 - 125	0.377		0.159		0.250	93.6	
POTASSIUM	75 - 125	31.5		8.91		25.0	93.9	
SILVER	75 - 125	0.181		ND	U	0.200	90.5	
SODIUM	75 - 125	24.0		0.729		25.0	93.4	
VANADIUM	75 - 125	1.24		0.846		0.500	95.7	
ZINC	75 - 125	0.860		0.412		0.500	97.8	

N = % Recoverv exceeds control limits of 75% - 125%
F = Result is between MDL and RL
U = Sample result is below MDL. A value of zero is used in the calculation.

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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

Login Number: L0609540 **Workgroup (AAB#):** WG223267

Analytical Method: 6010B **Instrument ID:** IRIS-ICP

ICAL Worknum: WG223617 **Initial Calibration Date:** 28-SEP-2006 09:07

Analyte	WG223617-01		WG223617-02		WG223617-03		WG223617-04		WG223617-05		WG223617-06	
	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT
Aluminum	0	.01015	.1	.15518	.2	.28635	5	6.5748	10	13.789	20	27.8
Barium	0	.75197	.01	6.224	.02	11.759	.5	267.67	1	555.23	2	1111.7
Beryllium	0	.25128	.0005	.97545	.001	1.6442	.025	35.278	.05	72.557	.1	144.85
Cadmium	0	.45428	**NA**	**NA**	.001	.51232	.025	2.1841	.05	4.102	.1	7.7073
Calcium	0	.38986	.1	1.271	.2	2.2686	5	45.516	10	92.851	20	187.52
Chromium	0	.63868	.005	1.2091	.01	1.8561	.25	30.658	.5	63.804	1	126.17
Cobalt	0	.31496	**NA**	**NA**	.004	.59964	.1	7.3336	.2	14.62	.4	28.675
Copper	0	.12747	NA	NA	.01	.52467	.25	8.8053	.5	18.144	1	36.31
Iron	0	.12973	.04	.43094	.08	.73679	2	15.012	4	31.831	8	63.484
Magnesium	0	.01202	**NA**	**NA**	.2	.13671	5	3.1996	10	6.6732	20	13.531
Manganese	0	.0853	.005	5.4672	.01	10.953	.25	264.54	.5	555.1	1	1103.1
Nickel	0	.36645	**NA**	**NA**	.01	.97349	.25	14.121	.5	29.398	1	57.65
Potassium	0	-.81909	.5	4.7734	1	11.113	25	305.35	50	606.84	100	1173.1
Silver	0	-.03325	**NA**	**NA**	.008	.22538	.2	5.3755	.4	11.313	.8	22.555
Sodium	0	-.03788	.5	35.733	1	72.876	25	1811.5	50	3599.6	100	6852.2
Vanadium	0	.85915	.01	1.2378	.02	1.6239	.5	19.087	1	38.964	2	76.299
Zinc	0	.20123	.01	1.373	.02	2.5194	.5	54.553	1	116.4	2	233.93

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

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Analyte	R	Q
Aluminum	0.999820	
Barium	0.999909	
Beryllium	0.999938	
Cadmium	0.999748	
Calcium	0.999922	
Chromium	0.999857	
Cobalt	0.999982	
Copper	0.999869	
Iron	0.999768	
Magnesium	0.999798	
Manganese	0.999882	
Nickel	0.999853	
Potassium	0.999822	
Silver	0.999817	
Sodium	0.999668	
Vanadium	0.999906	
Zinc	0.999710	

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092150

Login Number: L0609540 **Workgroup (AAB#):** WG223267

Analytical Method: 6010B **Instrument ID:** IRIS-ICP

ICAL Worknum: WG223768 **Initial Calibration Date:** 29-SEP-2006 09:21

Analyte	WG223768-01		WG223768-02		WG223768-03		WG223768-04		WG223768-05		WG223768-06	
	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT
Aluminum	0	.00092	.1	.14224	.2	.30566	5	6.5937	10	13.6	20	27.51
Barium	0	.72232	.01	6.3015	.02	11.801	.5	271.28	1	564.54	2	1123.7
Beryllium	0	.26233	.0005	.97543	.001	1.6178	.025	35.405	.05	72.886	.1	144.24
Cadmium	0	.44318	**NA**	**NA**	.001	.51888	.025	2.1954	.05	4.1383	.1	7.7618
Calcium	0	.37132	.1	1.2544	.2	2.1627	5	45.085	10	92.02	20	185.3
Chromium	0	.62187	.005	1.1869	.01	1.7983	.25	29.604	.5	61.31	1	122.34
Cobalt	0	.31161	**NA**	**NA**	.004	.57844	.1	7.2364	.2	14.316	.4	28.218
Copper	0	.11823	NA	NA	.01	.50603	.25	8.8162	.5	18.154	1	36.333
Iron	0	.1092	.04	.43444	.08	.70987	2	14.737	4	30.998	8	62.275
Magnesium	0	.02771	**NA**	**NA**	.2	.12835	5	3.1448	10	6.6051	20	13.362
Manganese	0	.0636	.005	5.5936	.01	10.942	.25	264.87	.5	554.18	1	1100.6
Nickel	0	.3779	**NA**	**NA**	.01	.96508	.25	14.041	.5	29.004	1	56.979
Potassium	0	-.74917	.5	5.3823	1	11.612	25	308.2	50	610.53	100	1190.3
Silver	0	-.0351	**NA**	**NA**	.008	.13666	.2	5.3212	.4	11.075	.8	22.272
Sodium	0	.44582	.5	36.081	1	73.951	25	1820.1	50	3586.2	100	6918.2
Vanadium	0	.80915	.01	1.1879	.02	1.52	.5	18.86	1	38.271	2	75.297
Zinc	0	.2083	.01	1.7559	.02	2.5813	.5	55.62	1	118.27	2	236.54

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

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Analyte	R	Q
Aluminum	0.999860	
Barium	0.999911	
Beryllium	0.999940	
Cadmium	0.999860	
Calcium	0.999934	
Chromium	0.999857	
Cobalt	0.999989	
Copper	0.999862	
Iron	0.999790	
Magnesium	0.999599	
Manganese	0.999898	
Nickel	0.999894	
Potassium	0.999885	
Silver	0.999767	
Sodium	0.999778	
Vanadium	0.999926	
Zinc	0.999615	

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

Login Number: L0609540 **Workgroup (AAB#):** WG223450

Analytical Method: 6010B **Instrument ID:** IRIS-ICP

ICAL Worknum: WG223768 **Initial Calibration Date:** 29-SEP-2006 09:21

Analyte	WG223768-01		WG223768-02		WG223768-03		WG223768-04		WG223768-05		WG223768-06	
	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT
Aluminum	0	.00092	.1	.14224	.2	.30566	5	6.5937	10	13.6	20	27.51
Barium	0	.72232	.01	6.3015	.02	11.801	.5	271.28	1	564.54	2	1123.7
Beryllium	0	.26233	.0005	.97543	.001	1.6178	.025	35.405	.05	72.886	.1	144.24
Cadmium	0	.44318	**NA**	**NA**	.001	.51888	.025	2.1954	.05	4.1383	.1	7.7618
Calcium	0	.37132	.1	1.2544	.2	2.1627	5	45.085	10	92.02	20	185.3
Chromium	0	.62187	.005	1.1869	.01	1.7983	.25	29.604	.5	61.31	1	122.34
Cobalt	0	.31161	**NA**	**NA**	.004	.57844	.1	7.2364	.2	14.316	.4	28.218
Copper	0	.11823	NA	NA	.01	.50603	.25	8.8162	.5	18.154	1	36.333
Iron	0	.1092	.04	.43444	.08	.70987	2	14.737	4	30.998	8	62.275
Magnesium	0	.02771	**NA**	**NA**	.2	.12835	5	3.1448	10	6.6051	20	13.362
Manganese	0	.0636	.005	5.5936	.01	10.942	.25	264.87	.5	554.18	1	1100.6
Nickel	0	.3779	**NA**	**NA**	.01	.96508	.25	14.041	.5	29.004	1	56.979
Potassium	0	-.74917	.5	5.3823	1	11.612	25	308.2	50	610.53	100	1190.3
Silver	0	-.0351	**NA**	**NA**	.008	.13666	.2	5.3212	.4	11.075	.8	22.272
Sodium	0	.44582	.5	36.081	1	73.951	25	1820.1	50	3586.2	100	6918.2
Vanadium	0	.80915	.01	1.1879	.02	1.52	.5	18.86	1	38.271	2	75.297
Zinc	0	.2083	.01	1.7559	.02	2.5813	.5	55.62	1	118.27	2	236.54

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

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Analyte	R	Q
Aluminum	0.999860	
Barium	0.999911	
Beryllium	0.999940	
Cadmium	0.999860	
Calcium	0.999934	
Chromium	0.999857	
Cobalt	0.999989	
Copper	0.999862	
Iron	0.999790	
Magnesium	0.999599	
Manganese	0.999898	
Nickel	0.999894	
Potassium	0.999885	
Silver	0.999767	
Sodium	0.999778	
Vanadium	0.999926	
Zinc	0.999615	

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

Login Number: L0609540 **Workgroup (AAB#):** WG223450

Analytical Method: 6010B **Instrument ID:** IRIS-ICP

ICAL Worknum: WG223950 **Initial Calibration Date:** 02-OCT-2006 09:11

Analyte	WG223950-01		WG223950-02		WG223950-03		WG223950-04		WG223950-05		WG223950-06	
	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT
Aluminum	0	.01755	.1	.16067	.2	.25947	5	6.4372	10	13.27	20	26.757
Barium	0	.76845	.01	6.194	.02	11.649	.5	267.17	1	553.76	2	1110.7
Beryllium	0	.1958	.0005	.91784	.001	1.699	.025	35.861	.05	73.533	.1	146.61
Cadmium	0	.44925	**NA**	**NA**	.001	.50125	.025	2.1759	.05	4.1883	.1	7.8951
Calcium	0	.3214	.1	1.2595	.2	2.1884	5	45.402	10	92.13	20	186.36
Chromium	0	.62592	.005	1.1926	.01	1.7711	.25	28.419	.5	58.975	1	117.18
Cobalt	0	.3493	**NA**	**NA**	.004	.61516	.1	7.1969	.2	14.318	.4	28.169
Copper	0	.12377	NA	NA	.01	.46907	.25	8.6495	.5	17.728	1	35.526
Iron	0	.10954	.04	.42789	.08	.7328	2	14.606	4	30.817	8	61.881
Magnesium	0	-.00276	**NA**	**NA**	.2	.15697	5	3.0684	10	6.424	20	13.033
Manganese	0	.06562	.005	5.625	.01	11.034	.25	265.86	.5	558.55	1	1112.1
Nickel	0	.40012	**NA**	**NA**	.01	1.0065	.25	14.348	.5	29.6	1	58.245
Potassium	0	-.73063	.5	4.7722	1	10.854	25	292.67	50	586.43	100	1127.1
Silver	0	.02401	**NA**	**NA**	.008	.19207	.2	5.0699	.4	10.669	.8	21.129
Sodium	0	.93595	.5	34.615	1	68.999	25	1710	50	3411.6	100	6464
Vanadium	0	.8959	.01	1.2336	.02	1.5679	.5	18.322	1	37.09	2	72.832
Zinc	0	.21974	.01	1.5698	.02	2.6413	.5	57.228	1	121.56	2	245.06

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

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Analyte	R	Q
Aluminum	0.999878	
Barium	0.999906	
Beryllium	0.999955	
Cadmium	0.999415	
Calcium	0.999940	
Chromium	0.999865	
Cobalt	0.999976	
Copper	0.999909	
Iron	0.999774	
Magnesium	0.999644	
Manganese	0.999871	
Nickel	0.999892	
Potassium	0.999800	
Silver	0.999747	
Sodium	0.999631	
Vanadium	0.999913	
Zinc	0.999704	

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

KEMRON Environmental Services

INITIAL CALIBRATION BLANK (ICB)

00092156

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-08
Instrument ID: IRIS-ICP Run Time: 09:20 Method: 6010B
File ID: IR.092806.092000 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	.0215	1	U
Silver	0.00500	0.0400	-.00064	1	U
Barium	0.00200	0.0100	.00024	1	U
Beryllium	0.000240	0.0100	.00003	1	U
Calcium	0.100	0.200	-.00074	1	U
Cadmium	0.00100	0.0100	0	1	U
Cobalt	0.00240	0.0200	-.0003	1	U
Chromium	0.00240	0.0200	-.00016	1	U
Copper	0.0100	0.0200	-.00142	1	U
Iron	0.0200	0.0400	-.00155	1	U
Potassium	0.500	1.00	.017	1	U
Magnesium	0.240	0.500	.0072	1	U
Manganese	0.00200	0.0100	.00007	1	U
Sodium	0.100	0.500	.0104	1	U
Nickel	0.0100	0.0400	.00048	1	U
Vanadium	0.00500	0.0100	.00083	1	U
Zinc	0.0100	0.0200	.00025	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 10/02/2006
Version 1.5 PDF File ID: 580440
Report generated 10/02/2006 15:13

KEMRON Environmental Services

INITIAL CALIBRATION BLANK (ICB)

00092157

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-08
Instrument ID: IRIS-ICP Run Time: 09:34 Method: 6010B
File ID: IR.092906.093400 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	.0202	1	U
Silver	0.00500	0.0400	.00085	1	U
Barium	0.00200	0.0100	.00016	1	U
Beryllium	0.000240	0.0100	-.00004	1	U
Calcium	0.100	0.200	-.00091	1	U
Cadmium	0.00100	0.0100	-.00001	1	U
Cobalt	0.00240	0.0200	-.00001	1	U
Chromium	0.00240	0.0200	0	1	U
Copper	0.0100	0.0200	.00182	1	U
Iron	0.0200	0.0400	-.00168	1	U
Potassium	0.500	1.00	.0276	1	U
Magnesium	0.240	0.500	-.0158	1	U
Manganese	0.00200	0.0100	.00014	1	U
Sodium	0.100	0.500	.0132	1	U
Nickel	0.0100	0.0400	-.00021	1	U
Vanadium	0.00500	0.0100	-.00034	1	U
Zinc	0.0100	0.0200	.00044	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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INITIAL CALIBRATION BLANK (ICB)

00092158

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-08
Instrument ID: IRIS-ICP Run Time: 09:34 Method: 6010B
File ID: IR.092906.093400 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	.0202	1	U
Silver	0.00500	0.0400	.00085	1	U
Barium	0.00200	0.0100	.00016	1	U
Beryllium	0.000240	0.0100	-.00004	1	U
Calcium	0.100	0.200	-.00091	1	U
Cadmium	0.00100	0.0100	-.00001	1	U
Cobalt	0.00240	0.0200	-.00001	1	U
Chromium	0.00240	0.0200	0	1	U
Copper	0.0100	0.0200	.00182	1	U
Iron	0.0200	0.0400	-.00168	1	U
Potassium	0.500	1.00	.0276	1	U
Magnesium	0.240	0.500	-.0158	1	U
Manganese	0.00200	0.0100	.00014	1	U
Sodium	0.100	0.500	.0132	1	U
Nickel	0.0100	0.0400	-.00021	1	U
Vanadium	0.00500	0.0100	-.00034	1	U
Zinc	0.0100	0.0200	.00044	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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INITIAL CALIBRATION BLANK (ICB)

00092159

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223950-08
Instrument ID: IRIS-ICP Run Time: 09:24 Method: 6010B
File ID: IR.100206.092400 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 02-OCT-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	-.0126	1	U
Silver	0.00500	0.0400	-.00178	1	U
Barium	0.00200	0.0100	.00025	1	U
Beryllium	0.000240	0.0100	.00001	1	U
Calcium	0.100	0.200	.00521	1	U
Cadmium	0.00100	0.0100	-.00037	1	U
Cobalt	0.00240	0.0200	-.00003	1	U
Chromium	0.00240	0.0200	.00024	1	U
Copper	0.0100	0.0200	.00083	1	U
Iron	0.0200	0.0400	.00018	1	U
Potassium	0.500	1.00	.0387	1	U
Magnesium	0.240	0.500	-.00147	1	U
Manganese	0.00200	0.0100	.00013	1	U
Sodium	0.100	0.500	.0187	1	U
Nickel	0.0100	0.0400	.00014	1	U
Vanadium	0.00500	0.0100	-.00138	1	U
Zinc	0.0100	0.0200	.00009	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092160

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-12
Instrument ID: IRIS-ICP Run Time: 09:44 Method: 6010B
File ID: IR.092806.094400 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0182	1	U
Silver	0.00500	0.0400	0.00145	1	U
Barium	0.00200	0.0100	0.000250	1	U
Beryllium	0.000240	0.0100	0.0000200	1	U
Calcium	0.100	0.200	0.00846	1	U
Cadmium	0.00100	0.0100	-0.000220	1	U
Cobalt	0.00240	0.0200	-0.000100	1	U
Chromium	0.00240	0.0200	-0.000180	1	U
Copper	0.0100	0.0200	0.000710	1	U
Iron	0.0200	0.0400	-0.00274	1	U
Potassium	0.500	1.00	-0.0126	1	U
Magnesium	0.240	0.500	0.00720	1	U
Manganese	0.00200	0.0100	0.000200	1	U
Sodium	0.100	0.500	0.00916	1	U
Nickel	0.0100	0.0400	0.000130	1	U
Vanadium	0.00500	0.0100	-0.000240	1	U
Zinc	0.0100	0.0200	0.000200	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092161

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-20
Instrument ID: IRIS-ICP Run Time: 15:01 Method: 6010B
File ID: IR.092806.150100 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0108	1	U
Silver	0.00500	0.0400	0.000740	1	U
Barium	0.00200	0.0100	0.0000900	1	U
Beryllium	0.000240	0.0100	-0.0000200	1	U
Calcium	0.100	0.200	0.00563	1	U
Cadmium	0.00100	0.0100	0.000130	1	U
Cobalt	0.00240	0.0200	-0.000130	1	U
Chromium	0.00240	0.0200	-0.000340	1	U
Copper	0.0100	0.0200	0.000400	1	U
Iron	0.0200	0.0400	0.00102	1	U
Potassium	0.500	1.00	-0.0218	1	U
Magnesium	0.240	0.500	0.0303	1	U
Manganese	0.00200	0.0100	0.0000800	1	U
Sodium	0.100	0.500	0.0298	1	U
Nickel	0.0100	0.0400	0.000170	1	U
Vanadium	0.00500	0.0100	-0.000740	1	U
Zinc	0.0100	0.0200	0.0000900	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092162

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-24
Instrument ID: IRIS-ICP Run Time: 16:09 Method: 6010B
File ID: IR.092806.160900 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0161	1	U
Silver	0.00500	0.0400	-0.000850	1	U
Barium	0.00200	0.0100	0.000180	1	U
Beryllium	0.000240	0.0100	0.0000400	1	U
Calcium	0.100	0.200	0.00345	1	U
Cadmium	0.00100	0.0100	-0.000160	1	U
Cobalt	0.00240	0.0200	0.0000300	1	U
Chromium	0.00240	0.0200	-0.000200	1	U
Copper	0.0100	0.0200	0.000200	1	U
Iron	0.0200	0.0400	-0.00453	1	U
Potassium	0.500	1.00	-0.0146	1	U
Magnesium	0.240	0.500	-0.00652	1	U
Manganese	0.00200	0.0100	0.000100	1	U
Sodium	0.100	0.500	0.0244	1	U
Nickel	0.0100	0.0400	0.000400	1	U
Vanadium	0.00500	0.0100	-0.000940	1	U
Zinc	0.0100	0.0200	0.000320	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092163

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-28
Instrument ID: IRIS-ICP Run Time: 17:59 Method: 6010B
File ID: IR.092806.175900 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0269	1	U
Silver	0.00500	0.0400	-0.00116	1	U
Barium	0.00200	0.0100	0.000100	1	U
Beryllium	0.000240	0.0100	0	1	U
Calcium	0.100	0.200	-0.00313	1	U
Cadmium	0.00100	0.0100	0.000210	1	U
Cobalt	0.00240	0.0200	-0.0000100	1	U
Chromium	0.00240	0.0200	-0.000240	1	U
Copper	0.0100	0.0200	0.000460	1	U
Iron	0.0200	0.0400	-0.00463	1	U
Potassium	0.500	1.00	-0.0151	1	U
Magnesium	0.240	0.500	0.00307	1	U
Manganese	0.00200	0.0100	0.0000400	1	U
Sodium	0.100	0.500	0.0104	1	U
Nickel	0.0100	0.0400	0.0000200	1	U
Vanadium	0.00500	0.0100	-0.000150	1	U
Zinc	0.0100	0.0200	-0.0000100	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092164

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-30
Instrument ID: IRIS-ICP Run Time: 19:20 Method: 6010B
File ID: IR.092806.192000 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0188	1	U
Silver	0.00500	0.0400	0.00290	1	U
Barium	0.00200	0.0100	0.000180	1	U
Beryllium	0.000240	0.0100	-0.0000300	1	U
Calcium	0.100	0.200	-0.00573	1	U
Cadmium	0.00100	0.0100	0.000100	1	U
Cobalt	0.00240	0.0200	0.000190	1	U
Chromium	0.00240	0.0200	-0.000130	1	U
Copper	0.0100	0.0200	0.0000500	1	U
Iron	0.0200	0.0400	-0.000880	1	U
Potassium	0.500	1.00	-0.0269	1	U
Magnesium	0.240	0.500	-0.00649	1	U
Manganese	0.00200	0.0100	0.000100	1	U
Sodium	0.100	0.500	0.0144	1	U
Nickel	0.0100	0.0400	0.000440	1	U
Vanadium	0.00500	0.0100	-0.00108	1	U
Zinc	0.0100	0.0200	0.000280	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092165

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-32
Instrument ID: IRIS-ICP Run Time: 20:32 Method: 6010B
File ID: IR.092806.203200 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0243	1	U
Silver	0.00500	0.0400	0.00112	1	U
Barium	0.00200	0.0100	0.000190	1	U
Beryllium	0.000240	0.0100	-0.0000100	1	U
Calcium	0.100	0.200	-0.0105	1	U
Cadmium	0.00100	0.0100	0.000360	1	U
Cobalt	0.00240	0.0200	0.000470	1	U
Chromium	0.00240	0.0200	-0.000480	1	U
Copper	0.0100	0.0200	-0.00158	1	U
Iron	0.0200	0.0400	0.00168	1	U
Potassium	0.500	1.00	0.00148	1	U
Magnesium	0.240	0.500	0.0358	1	U
Manganese	0.00200	0.0100	0.000110	1	U
Sodium	0.100	0.500	0.00414	1	U
Nickel	0.0100	0.0400	0.000910	1	U
Vanadium	0.00500	0.0100	-0.00108	1	U
Zinc	0.0100	0.0200	0.000210	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092166

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-34
Instrument ID: IRIS-ICP Run Time: 21:19 Method: 6010B
File ID: IR.092806.211900 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0263	1	U
Silver	0.00500	0.0400	-0.000650	1	U
Barium	0.00200	0.0100	0.0000800	1	U
Beryllium	0.000240	0.0100	0.0000200	1	U
Calcium	0.100	0.200	-0.00413	1	U
Cadmium	0.00100	0.0100	-0.000130	1	U
Cobalt	0.00240	0.0200	0.000260	1	U
Chromium	0.00240	0.0200	-0.000400	1	U
Copper	0.0100	0.0200	-0.000200	1	U
Iron	0.0200	0.0400	-0.00224	1	U
Potassium	0.500	1.00	-0.0462	1	U
Magnesium	0.240	0.500	0.00981	1	U
Manganese	0.00200	0.0100	0.0000300	1	U
Sodium	0.100	0.500	0.00514	1	U
Nickel	0.0100	0.0400	0.000160	1	U
Vanadium	0.00500	0.0100	0.0000500	1	U
Zinc	0.0100	0.0200	0.0000600	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092167

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-12
Instrument ID: IRIS-ICP Run Time: 09:58 Method: 6010B
File ID: IR.092906.095800 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.00866	1	U
Silver	0.00500	0.0400	0.000160	1	U
Barium	0.00200	0.0100	0.000120	1	U
Beryllium	0.000240	0.0100	-0.0000300	1	U
Calcium	0.100	0.200	-0.00295	1	U
Cadmium	0.00100	0.0100	0.0000600	1	U
Cobalt	0.00240	0.0200	0.000150	1	U
Chromium	0.00240	0.0200	-0.000190	1	U
Copper	0.0100	0.0200	-0.000260	1	U
Iron	0.0200	0.0400	0.00233	1	U
Potassium	0.500	1.00	-0.000960	1	U
Magnesium	0.240	0.500	0.00770	1	U
Manganese	0.00200	0.0100	0.0000800	1	U
Sodium	0.100	0.500	0.0123	1	U
Nickel	0.0100	0.0400	-0.000100	1	U
Vanadium	0.00500	0.0100	0.00105	1	U
Zinc	0.0100	0.0200	0.000160	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092168

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-18
Instrument ID: IRIS-ICP Run Time: 13:52 Method: 6010B
File ID: IR.092906.135200 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0189	1	U
Silver	0.00500	0.0400	0.0000500	1	U
Barium	0.00200	0.0100	0.000180	1	U
Beryllium	0.000240	0.0100	-0.0000200	1	U
Calcium	0.100	0.200	0.00289	1	U
Cadmium	0.00100	0.0100	0.0000300	1	U
Cobalt	0.00240	0.0200	0.000520	1	U
Chromium	0.00240	0.0200	0.000140	1	U
Copper	0.0100	0.0200	-0.000260	1	U
Iron	0.0200	0.0400	0.0000100	1	U
Potassium	0.500	1.00	-0.00784	1	U
Magnesium	0.240	0.500	0.00204	1	U
Manganese	0.00200	0.0100	0.000140	1	U
Sodium	0.100	0.500	0.0415	1	U
Nickel	0.0100	0.0400	0.000140	1	U
Vanadium	0.00500	0.0100	0.00229	1	U
Zinc	0.0100	0.0200	0.000380	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092169

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-22
Instrument ID: IRIS-ICP Run Time: 15:26 Method: 6010B
File ID: IR.092906.152600 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0311	1	U
Silver	0.00500	0.0400	-0.00132	1	U
Barium	0.00200	0.0100	0.0000900	1	U
Beryllium	0.000240	0.0100	-0.0000300	1	U
Calcium	0.100	0.200	0.00190	1	U
Cadmium	0.00100	0.0100	0.000180	1	U
Cobalt	0.00240	0.0200	0.000590	1	U
Chromium	0.00240	0.0200	-0.000360	1	U
Copper	0.0100	0.0200	0	1	U
Iron	0.0200	0.0400	-0.00207	1	U
Potassium	0.500	1.00	-0.0102	1	U
Magnesium	0.240	0.500	0.00760	1	U
Manganese	0.00200	0.0100	0.000100	1	U
Sodium	0.100	0.500	0.0371	1	U
Nickel	0.0100	0.0400	0.000440	1	U
Vanadium	0.00500	0.0100	0.00175	1	U
Zinc	0.0100	0.0200	0.000520	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092170

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-24
Instrument ID: IRIS-ICP Run Time: 16:58 Method: 6010B
File ID: IR.092906.165800 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0250	1	U
Silver	0.00500	0.0400	0.000620	1	U
Barium	0.00200	0.0100	0.000280	1	U
Beryllium	0.000240	0.0100	0.0000100	1	U
Calcium	0.100	0.200	0.00370	1	U
Cadmium	0.00100	0.0100	0.000170	1	U
Cobalt	0.00240	0.0200	0.000690	1	U
Chromium	0.00240	0.0200	-0.000210	1	U
Copper	0.0100	0.0200	0.0000500	1	U
Iron	0.0200	0.0400	0.00254	1	U
Potassium	0.500	1.00	0.0225	1	U
Magnesium	0.240	0.500	0.00489	1	U
Manganese	0.00200	0.0100	0.0000900	1	U
Sodium	0.100	0.500	0.0380	1	U
Nickel	0.0100	0.0400	0.000320	1	U
Vanadium	0.00500	0.0100	0.00130	1	U
Zinc	0.0100	0.0200	0.000370	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092171

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-28
Instrument ID: IRIS-ICP Run Time: 17:36 Method: 6010B
File ID: IR.092906.173600 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0304	1	U
Silver	0.00500	0.0400	0.0000400	1	U
Barium	0.00200	0.0100	0.0000500	1	U
Beryllium	0.000240	0.0100	-0.0000200	1	U
Calcium	0.100	0.200	0.00169	1	U
Cadmium	0.00100	0.0100	0.000520	1	U
Cobalt	0.00240	0.0200	0.000130	1	U
Chromium	0.00240	0.0200	-0.000160	1	U
Copper	0.0100	0.0200	0.00172	1	U
Iron	0.0200	0.0400	-0.000200	1	U
Potassium	0.500	1.00	0.0112	1	U
Magnesium	0.240	0.500	0.00901	1	U
Manganese	0.00200	0.0100	0.0000700	1	U
Sodium	0.100	0.500	0.0306	1	U
Nickel	0.0100	0.0400	0.000270	1	U
Vanadium	0.00500	0.0100	0.00169	1	U
Zinc	0.0100	0.0200	0.000310	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092172

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-32
Instrument ID: IRIS-ICP Run Time: 20:04 Method: 6010B
File ID: IR.092906.200400 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0366	1	U
Silver	0.00500	0.0400	0.00100	1	U
Barium	0.00200	0.0100	0.000110	1	U
Beryllium	0.000240	0.0100	0	1	U
Calcium	0.100	0.200	-0.00273	1	U
Cadmium	0.00100	0.0100	0.000310	1	U
Cobalt	0.00240	0.0200	0.000180	1	U
Chromium	0.00240	0.0200	-0.000180	1	U
Copper	0.0100	0.0200	-0.00117	1	U
Iron	0.0200	0.0400	-0.000730	1	U
Potassium	0.500	1.00	-0.0108	1	U
Magnesium	0.240	0.500	-0.0229	1	U
Manganese	0.00200	0.0100	0.0000800	1	U
Sodium	0.100	0.500	0.0149	1	U
Nickel	0.0100	0.0400	-0.0000800	1	U
Vanadium	0.00500	0.0100	0.000900	1	U
Zinc	0.0100	0.0200	0.000270	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092173

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-34
Instrument ID: IRIS-ICP Run Time: 20:33 Method: 6010B
File ID: IR.092906.203300 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	-0.000870	1	U
Silver	0.00500	0.0400	-0.000740	1	U
Barium	0.00200	0.0100	0.000190	1	U
Beryllium	0.000240	0.0100	-0.0000200	1	U
Calcium	0.100	0.200	-0.00253	1	U
Cadmium	0.00100	0.0100	-0.000190	1	U
Cobalt	0.00240	0.0200	0.000460	1	U
Chromium	0.00240	0.0200	-0.0000600	1	U
Copper	0.0100	0.0200	-0.000260	1	U
Iron	0.0200	0.0400	-0.00191	1	U
Potassium	0.500	1.00	0.00556	1	U
Magnesium	0.240	0.500	-0.0186	1	U
Manganese	0.00200	0.0100	0.0000600	1	U
Sodium	0.100	0.500	0.00708	1	U
Nickel	0.0100	0.0400	0.000280	1	U
Vanadium	0.00500	0.0100	0.00175	1	U
Zinc	0.0100	0.0200	0.000350	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092174

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-12
Instrument ID: IRIS-ICP Run Time: 09:58 Method: 6010B
File ID: IR.092906.095800 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.00866	1	U
Silver	0.00500	0.0400	0.000160	1	U
Barium	0.00200	0.0100	0.000120	1	U
Beryllium	0.000240	0.0100	-0.0000300	1	U
Calcium	0.100	0.200	-0.00295	1	U
Cadmium	0.00100	0.0100	0.0000600	1	U
Cobalt	0.00240	0.0200	0.000150	1	U
Chromium	0.00240	0.0200	-0.000190	1	U
Copper	0.0100	0.0200	-0.000260	1	U
Iron	0.0200	0.0400	0.00233	1	U
Potassium	0.500	1.00	-0.000960	1	U
Magnesium	0.240	0.500	0.00770	1	U
Manganese	0.00200	0.0100	0.0000800	1	U
Sodium	0.100	0.500	0.0123	1	U
Nickel	0.0100	0.0400	-0.000100	1	U
Vanadium	0.00500	0.0100	0.00105	1	U
Zinc	0.0100	0.0200	0.000160	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092175

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-18
Instrument ID: IRIS-ICP Run Time: 13:52 Method: 6010B
File ID: IR.092906.135200 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0189	1	U
Silver	0.00500	0.0400	0.0000500	1	U
Barium	0.00200	0.0100	0.000180	1	U
Beryllium	0.000240	0.0100	-0.0000200	1	U
Calcium	0.100	0.200	0.00289	1	U
Cadmium	0.00100	0.0100	0.0000300	1	U
Cobalt	0.00240	0.0200	0.000520	1	U
Chromium	0.00240	0.0200	0.000140	1	U
Copper	0.0100	0.0200	-0.000260	1	U
Iron	0.0200	0.0400	0.0000100	1	U
Potassium	0.500	1.00	-0.00784	1	U
Magnesium	0.240	0.500	0.00204	1	U
Manganese	0.00200	0.0100	0.000140	1	U
Sodium	0.100	0.500	0.0415	1	U
Nickel	0.0100	0.0400	0.000140	1	U
Vanadium	0.00500	0.0100	0.00229	1	U
Zinc	0.0100	0.0200	0.000380	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092176

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-22
Instrument ID: IRIS-ICP Run Time: 15:26 Method: 6010B
File ID: IR.092906.152600 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0311	1	U
Silver	0.00500	0.0400	-0.00132	1	U
Barium	0.00200	0.0100	0.0000900	1	U
Beryllium	0.000240	0.0100	-0.0000300	1	U
Calcium	0.100	0.200	0.00190	1	U
Cadmium	0.00100	0.0100	0.000180	1	U
Cobalt	0.00240	0.0200	0.000590	1	U
Chromium	0.00240	0.0200	-0.000360	1	U
Copper	0.0100	0.0200	0	1	U
Iron	0.0200	0.0400	-0.00207	1	U
Potassium	0.500	1.00	-0.0102	1	U
Magnesium	0.240	0.500	0.00760	1	U
Manganese	0.00200	0.0100	0.000100	1	U
Sodium	0.100	0.500	0.0371	1	U
Nickel	0.0100	0.0400	0.000440	1	U
Vanadium	0.00500	0.0100	0.00175	1	U
Zinc	0.0100	0.0200	0.000520	1	U

U = Result is less than MDL
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00092177

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-24
Instrument ID: IRIS-ICP Run Time: 16:58 Method: 6010B
File ID: IR.092906.165800 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0250	1	U
Silver	0.00500	0.0400	0.000620	1	U
Barium	0.00200	0.0100	0.000280	1	U
Beryllium	0.000240	0.0100	0.0000100	1	U
Calcium	0.100	0.200	0.00370	1	U
Cadmium	0.00100	0.0100	0.000170	1	U
Cobalt	0.00240	0.0200	0.000690	1	U
Chromium	0.00240	0.0200	-0.000210	1	U
Copper	0.0100	0.0200	0.0000500	1	U
Iron	0.0200	0.0400	0.00254	1	U
Potassium	0.500	1.00	0.0225	1	U
Magnesium	0.240	0.500	0.00489	1	U
Manganese	0.00200	0.0100	0.0000900	1	U
Sodium	0.100	0.500	0.0380	1	U
Nickel	0.0100	0.0400	0.000320	1	U
Vanadium	0.00500	0.0100	0.00130	1	U
Zinc	0.0100	0.0200	0.000370	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092178

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-28
Instrument ID: IRIS-ICP Run Time: 17:36 Method: 6010B
File ID: IR.092906.173600 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0304	1	U
Silver	0.00500	0.0400	0.0000400	1	U
Barium	0.00200	0.0100	0.0000500	1	U
Beryllium	0.000240	0.0100	-0.0000200	1	U
Calcium	0.100	0.200	0.00169	1	U
Cadmium	0.00100	0.0100	0.000520	1	U
Cobalt	0.00240	0.0200	0.000130	1	U
Chromium	0.00240	0.0200	-0.000160	1	U
Copper	0.0100	0.0200	0.00172	1	U
Iron	0.0200	0.0400	-0.000200	1	U
Potassium	0.500	1.00	0.0112	1	U
Magnesium	0.240	0.500	0.00901	1	U
Manganese	0.00200	0.0100	0.0000700	1	U
Sodium	0.100	0.500	0.0306	1	U
Nickel	0.0100	0.0400	0.000270	1	U
Vanadium	0.00500	0.0100	0.00169	1	U
Zinc	0.0100	0.0200	0.000310	1	U

U = Result is less than MDL
F = Result is between MDL and RL
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00092179

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-30
Instrument ID: IRIS-ICP Run Time: 18:52 Method: 6010B
File ID: IR.092906.185200 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0162	1	U
Silver	0.00500	0.0400	-0.000160	1	U
Barium	0.00200	0.0100	0.000200	1	U
Beryllium	0.000240	0.0100	-0.0000300	1	U
Calcium	0.100	0.200	0.0122	1	U
Cadmium	0.00100	0.0100	0.000250	1	U
Cobalt	0.00240	0.0200	0.000290	1	U
Chromium	0.00240	0.0200	-0.000110	1	U
Copper	0.0100	0.0200	-0.000970	1	U
Iron	0.0200	0.0400	0.00265	1	U
Potassium	0.500	1.00	0.00939	1	U
Magnesium	0.240	0.500	-0.0770	1	U
Manganese	0.00200	0.0100	0.0000800	1	U
Sodium	0.100	0.500	0.0255	1	U
Nickel	0.0100	0.0400	-0.000290	1	U
Vanadium	0.00500	0.0100	0.00130	1	U
Zinc	0.0100	0.0200	0.000170	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092180

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-32
Instrument ID: IRIS-ICP Run Time: 20:04 Method: 6010B
File ID: IR.092906.200400 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0366	1	U
Silver	0.00500	0.0400	0.00100	1	U
Barium	0.00200	0.0100	0.000110	1	U
Beryllium	0.000240	0.0100	0	1	U
Calcium	0.100	0.200	-0.00273	1	U
Cadmium	0.00100	0.0100	0.000310	1	U
Cobalt	0.00240	0.0200	0.000180	1	U
Chromium	0.00240	0.0200	-0.000180	1	U
Copper	0.0100	0.0200	-0.00117	1	U
Iron	0.0200	0.0400	-0.000730	1	U
Potassium	0.500	1.00	-0.0108	1	U
Magnesium	0.240	0.500	-0.0229	1	U
Manganese	0.00200	0.0100	0.0000800	1	U
Sodium	0.100	0.500	0.0149	1	U
Nickel	0.0100	0.0400	-0.0000800	1	U
Vanadium	0.00500	0.0100	0.000900	1	U
Zinc	0.0100	0.0200	0.000270	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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00092181

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223950-12
Instrument ID: IRIS-ICP Run Time: 09:48 Method: 6010B
File ID: IR.100206.094800 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 02-OCT-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	0.0154	1	U
Silver	0.00500	0.0400	-0.00326	1	U
Barium	0.00200	0.0100	0.000390	1	U
Beryllium	0.000240	0.0100	-0.0000100	1	U
Calcium	0.100	0.200	0.00441	1	U
Cadmium	0.00100	0.0100	-0.000370	1	U
Cobalt	0.00240	0.0200	0.0000300	1	U
Chromium	0.00240	0.0200	-0.000120	1	U
Copper	0.0100	0.0200	-0.000470	1	U
Iron	0.0200	0.0400	0	1	U
Potassium	0.500	1.00	0.00907	1	U
Magnesium	0.240	0.500	0.0338	1	U
Manganese	0.00200	0.0100	0.000150	1	U
Sodium	0.100	0.500	0.0120	1	U
Nickel	0.0100	0.0400	0.000120	1	U
Vanadium	0.00500	0.0100	-0.000290	1	U
Zinc	0.0100	0.0200	0.000210	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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CONTINUING CALIBRATION BLANK (CCB)

00092182

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223950-16
Instrument ID: IRIS-ICP Run Time: 12:27 Method: 6010B
File ID: IR.100206.122700 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 02-OCT-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	-0.00351	1	U
Silver	0.00500	0.0400	-0.00312	1	U
Barium	0.00200	0.0100	0.000240	1	U
Beryllium	0.000240	0.0100	0.0000300	1	U
Calcium	0.100	0.200	0.00521	1	U
Cadmium	0.00100	0.0100	0.000270	1	U
Cobalt	0.00240	0.0200	0.0000100	1	U
Chromium	0.00240	0.0200	0.0000700	1	U
Copper	0.0100	0.0200	-0.0000500	1	U
Iron	0.0200	0.0400	0.00247	1	U
Potassium	0.500	1.00	-0.0164	1	U
Magnesium	0.240	0.500	0.00109	1	U
Manganese	0.00200	0.0100	0.000150	1	U
Sodium	0.100	0.500	-0.00274	1	U
Nickel	0.0100	0.0400	0.0000400	1	U
Vanadium	0.00500	0.0100	0.0000700	1	U
Zinc	0.0100	0.0200	0.000170	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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CONTINUING CALIBRATION BLANK (CCB)

00092183

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223950-18
Instrument ID: IRIS-ICP Run Time: 13:15 Method: 6010B
File ID: IR.100206.131500 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 02-OCT-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Aluminum	0.200	0.400	-0.000690	1	U
Silver	0.00500	0.0400	-0.00286	1	U
Barium	0.00200	0.0100	-0.0000500	1	U
Beryllium	0.000240	0.0100	0.0000300	1	U
Calcium	0.100	0.200	0.0126	1	U
Cadmium	0.00100	0.0100	-0.000310	1	U
Cobalt	0.00240	0.0200	-0.000160	1	U
Chromium	0.00240	0.0200	-0.0000500	1	U
Copper	0.0100	0.0200	-0.000160	1	U
Iron	0.0200	0.0400	0.00240	1	U
Potassium	0.500	1.00	-0.0195	1	U
Magnesium	0.240	0.500	0.00394	1	U
Manganese	0.00200	0.0100	0.000170	1	U
Sodium	0.100	0.500	-0.00199	1	U
Nickel	0.0100	0.0400	0.0000800	1	U
Vanadium	0.00500	0.0100	-0.000500	1	U
Zinc	0.0100	0.0200	0.000970	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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INITIAL CALIBRATION VERIFICATION (ICV)

00092184

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-07
Instrument ID: IRIS-ICP Run Time: 09:14 Method: 6010B
File ID: IR.092806.091400 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analyte		Expected	Found	%REC	LIMITS	Q
Aluminum		10	9.92	99.2	90 - 110	
Silver		.4	0.407	102	90 - 110	
Barium		1	0.976	97.6	90 - 110	
Beryllium		.05	0.0499	99.7	90 - 110	
Calcium		10	9.82	98.2	90 - 110	
Cadmium		.05	0.0509	102	90 - 110	
Cobalt		.2	0.201	100	90 - 110	
Chromium		.5	0.501	100	90 - 110	
Copper		.5	0.495	99.0	90 - 110	
Iron		4	3.97	99.3	90 - 110	
Potassium		50	49.9	99.9	90 - 110	
Magnesium		10	9.96	99.6	90 - 110	
Manganese		.5	0.501	100	90 - 110	
Sodium		50	50.8	102	90 - 110	
Nickel		.5	0.494	98.8	90 - 110	
Vanadium		1	1.00	100	90 - 110	
Zinc		1	0.992	99.2	90 - 110	

* Exceeds LIMITS Limit

KEMRON FORMS - Modified 03/03/2006
Version 1.3 PDF File ID: 580439
Report generated 10/02/2006 15:13

KEMRON Environmental Services

INITIAL CALIBRATION VERIFICATION (ICV)

00092185

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-07
Instrument ID: IRIS-ICP Run Time: 09:28 Method: 6010B
File ID: IR.092906.092800 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	Q
Aluminum		10	9.95	99.5	90 - 110	
Silver		.4	0.407	102	90 - 110	
Barium		1	0.990	99.0	90 - 110	
Beryllium		.05	0.0507	101	90 - 110	
Calcium		10	9.91	99.1	90 - 110	
Cadmium		.05	0.0515	103	90 - 110	
Cobalt		.2	0.202	101	90 - 110	
Chromium		.5	0.499	99.8	90 - 110	
Copper		.5	0.498	99.6	90 - 110	
Iron		4	3.97	99.3	90 - 110	
Potassium		50	50.8	102	90 - 110	
Magnesium		10	10.0	100	90 - 110	
Manganese		.5	0.505	101	90 - 110	
Sodium		50	51.6	103	90 - 110	
Nickel		.5	0.497	99.4	90 - 110	
Vanadium		1	1.01	101	90 - 110	
Zinc		1	1.00	100	90 - 110	

* Exceeds LIMITS Limit

KEMRON FORMS - Modified 03/03/2006
Version 1.3 PDF File ID: 580439
Report generated 10/02/2006 15:13

KEMRON Environmental Services

INITIAL CALIBRATION VERIFICATION (ICV)

00092186

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-07
Instrument ID: IRIS-ICP Run Time: 09:28 Method: 6010B
File ID: IR.092906.092800 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	Q
Aluminum		10	9.95	99.5	90 - 110	
Silver		.4	0.407	102	90 - 110	
Barium		1	0.990	99.0	90 - 110	
Beryllium		.05	0.0507	101	90 - 110	
Calcium		10	9.91	99.1	90 - 110	
Cadmium		.05	0.0515	103	90 - 110	
Cobalt		.2	0.202	101	90 - 110	
Chromium		.5	0.499	99.8	90 - 110	
Copper		.5	0.498	99.6	90 - 110	
Iron		4	3.97	99.3	90 - 110	
Potassium		50	50.8	102	90 - 110	
Magnesium		10	10.0	100	90 - 110	
Manganese		.5	0.505	101	90 - 110	
Sodium		50	51.6	103	90 - 110	
Nickel		.5	0.497	99.4	90 - 110	
Vanadium		1	1.01	101	90 - 110	
Zinc		1	1.00	100	90 - 110	

* Exceeds LIMITS Limit

KEMRON FORMS - Modified 03/03/2006
Version 1.3 PDF File ID: 580439
Report generated 10/02/2006 15:13

KEMRON Environmental Services

INITIAL CALIBRATION VERIFICATION (ICV)

00092187

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223950-07
Instrument ID: IRIS-ICP Run Time: 09:18 Method: 6010B
File ID: IR.100206.091800 Analyst: SLP Units: mg/L
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 02-OCT-06

Analyte		Expected	Found	%REC	LIMITS	Q
Aluminum		10	9.89	98.9	90 - 110	
Silver		.4	0.403	101	90 - 110	
Barium		1	0.982	98.2	90 - 110	
Beryllium		.05	0.0506	101	90 - 110	
Calcium		10	9.84	98.4	90 - 110	
Cadmium		.05	0.0514	103	90 - 110	
Cobalt		.2	0.200	100	90 - 110	
Chromium		.5	0.491	98.2	90 - 110	
Copper		.5	0.496	99.2	90 - 110	
Iron		4	3.95	98.8	90 - 110	
Potassium		50	50.1	100	90 - 110	
Magnesium		10	9.82	98.2	90 - 110	
Manganese		.5	0.505	101	90 - 110	
Sodium		50	50.8	102	90 - 110	
Nickel		.5	0.497	99.3	90 - 110	
Vanadium		1	1.00	100	90 - 110	
Zinc		1	1.01	101	90 - 110	

* Exceeds LIMITS Limit

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092188

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-11
Instrument ID: IRIS-ICP Run Time: 09:38 Method: 6010B
File ID: IR.092806.093800 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.87	98.7	90 - 110	mg/L	
Silver		0.400	0.404	101	90 - 110	mg/L	
Barium		1.00	0.983	98.3	90 - 110	mg/L	
Beryllium		0.0500	0.0506	101	90 - 110	mg/L	
Calcium		10.0	9.90	99.0	90 - 110	mg/L	
Cadmium		0.0500	0.0516	103	90 - 110	mg/L	
Cobalt		0.200	0.201	101	90 - 110	mg/L	
Chromium		0.500	0.497	99.4	90 - 110	mg/L	
Copper		0.500	0.496	99.1	90 - 110	mg/L	
Iron		4.00	3.99	99.7	90 - 110	mg/L	
Potassium		50.0	49.8	99.6	90 - 110	mg/L	
Magnesium		10.0	10.0	100	90 - 110	mg/L	
Manganese		0.500	0.505	101	90 - 110	mg/L	
Sodium		50.0	50.3	101	90 - 110	mg/L	
Nickel		0.500	0.497	99.4	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	1.01	101	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092189

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-19
Instrument ID: IRIS-ICP Run Time: 14:55 Method: 6010B
File ID: IR.092806.145500 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.81	98.1	90 - 110	mg/L	
Silver		0.400	0.401	100	90 - 110	mg/L	
Barium		1.00	0.988	98.8	90 - 110	mg/L	
Beryllium		0.0500	0.0504	101	90 - 110	mg/L	
Calcium		10.0	9.88	98.8	90 - 110	mg/L	
Cadmium		0.0500	0.0525	105	90 - 110	mg/L	
Cobalt		0.200	0.201	100	90 - 110	mg/L	
Chromium		0.500	0.494	98.7	90 - 110	mg/L	
Copper		0.500	0.495	98.9	90 - 110	mg/L	
Iron		4.00	3.95	98.8	90 - 110	mg/L	
Potassium		50.0	50.7	101	90 - 110	mg/L	
Magnesium		10.0	10.0	100	90 - 110	mg/L	
Manganese		0.500	0.505	101	90 - 110	mg/L	
Sodium		50.0	50.9	102	90 - 110	mg/L	
Nickel		0.500	0.492	98.3	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	1.00	100	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092190

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-23
Instrument ID: IRIS-ICP Run Time: 16:03 Method: 6010B
File ID: IR.092806.160300 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.80	98.0	90 - 110	mg/L	
Silver		0.400	0.402	100	90 - 110	mg/L	
Barium		1.00	0.980	98.0	90 - 110	mg/L	
Beryllium		0.0500	0.0499	99.8	90 - 110	mg/L	
Calcium		10.0	9.84	98.4	90 - 110	mg/L	
Cadmium		0.0500	0.0522	104	90 - 110	mg/L	
Cobalt		0.200	0.201	100	90 - 110	mg/L	
Chromium		0.500	0.497	99.4	90 - 110	mg/L	
Copper		0.500	0.491	98.1	90 - 110	mg/L	
Iron		4.00	3.95	98.6	90 - 110	mg/L	
Potassium		50.0	50.3	101	90 - 110	mg/L	
Magnesium		10.0	10.0	100	90 - 110	mg/L	
Manganese		0.500	0.503	101	90 - 110	mg/L	
Sodium		50.0	50.7	101	90 - 110	mg/L	
Nickel		0.500	0.491	98.2	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	0.996	99.6	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092191

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-27
Instrument ID: IRIS-ICP Run Time: 17:53 Method: 6010B
File ID: IR.092806.175300 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.86	98.6	90 - 110	mg/L	
Silver		0.400	0.405	101	90 - 110	mg/L	
Barium		1.00	0.986	98.6	90 - 110	mg/L	
Beryllium		0.0500	0.0500	99.9	90 - 110	mg/L	
Calcium		10.0	9.83	98.3	90 - 110	mg/L	
Cadmium		0.0500	0.0517	103	90 - 110	mg/L	
Cobalt		0.200	0.200	100	90 - 110	mg/L	
Chromium		0.500	0.496	99.1	90 - 110	mg/L	
Copper		0.500	0.495	99.0	90 - 110	mg/L	
Iron		4.00	3.93	98.3	90 - 110	mg/L	
Potassium		50.0	50.6	101	90 - 110	mg/L	
Magnesium		10.0	9.98	99.8	90 - 110	mg/L	
Manganese		0.500	0.503	101	90 - 110	mg/L	
Sodium		50.0	51.0	102	90 - 110	mg/L	
Nickel		0.500	0.490	98.0	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	0.998	99.8	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092192

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-29
Instrument ID: IRIS-ICP Run Time: 19:14 Method: 6010B
File ID: IR.092806.191400 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.83	98.3	90 - 110	mg/L	
Silver		0.400	0.407	102	90 - 110	mg/L	
Barium		1.00	0.990	99.0	90 - 110	mg/L	
Beryllium		0.0500	0.0499	99.8	90 - 110	mg/L	
Calcium		10.0	9.89	98.9	90 - 110	mg/L	
Cadmium		0.0500	0.0530	106	90 - 110	mg/L	
Cobalt		0.200	0.202	101	90 - 110	mg/L	
Chromium		0.500	0.502	100	90 - 110	mg/L	
Copper		0.500	0.493	98.5	90 - 110	mg/L	
Iron		4.00	3.97	99.3	90 - 110	mg/L	
Potassium		50.0	51.2	102	90 - 110	mg/L	
Magnesium		10.0	10.1	101	90 - 110	mg/L	
Manganese		0.500	0.507	101	90 - 110	mg/L	
Sodium		50.0	51.5	103	90 - 110	mg/L	
Nickel		0.500	0.491	98.3	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	1.00	100	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092193

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-31
Instrument ID: IRIS-ICP Run Time: 20:26 Method: 6010B
File ID: IR.092806.202600 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.86	98.6	90 - 110	mg/L	
Silver		0.400	0.403	101	90 - 110	mg/L	
Barium		1.00	0.993	99.3	90 - 110	mg/L	
Beryllium		0.0500	0.0503	101	90 - 110	mg/L	
Calcium		10.0	9.92	99.2	90 - 110	mg/L	
Cadmium		0.0500	0.0525	105	90 - 110	mg/L	
Cobalt		0.200	0.202	101	90 - 110	mg/L	
Chromium		0.500	0.498	99.6	90 - 110	mg/L	
Copper		0.500	0.495	98.9	90 - 110	mg/L	
Iron		4.00	3.97	99.3	90 - 110	mg/L	
Potassium		50.0	50.5	101	90 - 110	mg/L	
Magnesium		10.0	10.1	101	90 - 110	mg/L	
Manganese		0.500	0.508	102	90 - 110	mg/L	
Sodium		50.0	50.7	101	90 - 110	mg/L	
Nickel		0.500	0.495	99.0	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	1.01	101	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092194

Login Number: L0609540 Run Date: 09/28/2006 Sample ID: WG223617-33
Instrument ID: IRIS-ICP Run Time: 21:13 Method: 6010B
File ID: IR.092806.211300 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 28-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.87	98.7	90 - 110	mg/L	
Silver		0.400	0.403	101	90 - 110	mg/L	
Barium		1.00	0.985	98.5	90 - 110	mg/L	
Beryllium		0.0500	0.0501	100	90 - 110	mg/L	
Calcium		10.0	9.86	98.6	90 - 110	mg/L	
Cadmium		0.0500	0.0522	104	90 - 110	mg/L	
Cobalt		0.200	0.201	101	90 - 110	mg/L	
Chromium		0.500	0.495	99.1	90 - 110	mg/L	
Copper		0.500	0.493	98.5	90 - 110	mg/L	
Iron		4.00	3.97	99.3	90 - 110	mg/L	
Potassium		50.0	50.3	101	90 - 110	mg/L	
Magnesium		10.0	10.0	100	90 - 110	mg/L	
Manganese		0.500	0.504	101	90 - 110	mg/L	
Sodium		50.0	50.7	101	90 - 110	mg/L	
Nickel		0.500	0.493	98.6	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	1.00	100	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092195

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-11
Instrument ID: IRIS-ICP Run Time: 09:52 Method: 6010B
File ID: IR.092906.095200 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.93	99.3	90 - 110	mg/L	
Silver		0.400	0.406	101	90 - 110	mg/L	
Barium		1.00	0.990	99.0	90 - 110	mg/L	
Beryllium		0.0500	0.0509	102	90 - 110	mg/L	
Calcium		10.0	9.94	99.4	90 - 110	mg/L	
Cadmium		0.0500	0.0519	104	90 - 110	mg/L	
Cobalt		0.200	0.203	102	90 - 110	mg/L	
Chromium		0.500	0.500	100	90 - 110	mg/L	
Copper		0.500	0.499	99.8	90 - 110	mg/L	
Iron		4.00	3.99	99.8	90 - 110	mg/L	
Potassium		50.0	50.9	102	90 - 110	mg/L	
Magnesium		10.0	10.0	100	90 - 110	mg/L	
Manganese		0.500	0.508	102	90 - 110	mg/L	
Sodium		50.0	51.5	103	90 - 110	mg/L	
Nickel		0.500	0.499	99.8	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	1.01	101	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092196

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-17
Instrument ID: IRIS-ICP Run Time: 13:46 Method: 6010B
File ID: IR.092906.134600 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	10.0	100	90 - 110	mg/L	
Silver		0.400	0.404	101	90 - 110	mg/L	
Barium		1.00	0.989	98.9	90 - 110	mg/L	
Beryllium		0.0500	0.0516	103	90 - 110	mg/L	
Calcium		10.0	10.1	101	90 - 110	mg/L	
Cadmium		0.0500	0.0524	105	90 - 110	mg/L	
Cobalt		0.200	0.207	104	90 - 110	mg/L	
Chromium		0.500	0.505	101	90 - 110	mg/L	
Copper		0.500	0.498	99.7	90 - 110	mg/L	
Iron		4.00	4.09	102	90 - 110	mg/L	
Potassium		50.0	50.7	101	90 - 110	mg/L	
Magnesium		10.0	10.2	102	90 - 110	mg/L	
Manganese		0.500	0.516	103	90 - 110	mg/L	
Sodium		50.0	51.1	102	90 - 110	mg/L	
Nickel		0.500	0.515	103	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.03	103	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092197

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-21
Instrument ID: IRIS-ICP Run Time: 15:20 Method: 6010B
File ID: IR.092906.152000 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.88	98.8	90 - 110	mg/L	
Silver		0.400	0.405	101	90 - 110	mg/L	
Barium		1.00	0.991	99.1	90 - 110	mg/L	
Beryllium		0.0500	0.0507	101	90 - 110	mg/L	
Calcium		10.0	10.0	100	90 - 110	mg/L	
Cadmium		0.0500	0.0531	106	90 - 110	mg/L	
Cobalt		0.200	0.205	102	90 - 110	mg/L	
Chromium		0.500	0.503	101	90 - 110	mg/L	
Copper		0.500	0.496	99.2	90 - 110	mg/L	
Iron		4.00	4.00	100	90 - 110	mg/L	
Potassium		50.0	50.5	101	90 - 110	mg/L	
Magnesium		10.0	10.1	101	90 - 110	mg/L	
Manganese		0.500	0.511	102	90 - 110	mg/L	
Sodium		50.0	50.6	101	90 - 110	mg/L	
Nickel		0.500	0.502	100	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.01	101	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092198

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-23
Instrument ID: IRIS-ICP Run Time: 16:52 Method: 6010B
File ID: IR.092906.165200 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.92	99.2	90 - 110	mg/L	
Silver		0.400	0.408	102	90 - 110	mg/L	
Barium		1.00	0.996	99.6	90 - 110	mg/L	
Beryllium		0.0500	0.0514	103	90 - 110	mg/L	
Calcium		10.0	10.1	101	90 - 110	mg/L	
Cadmium		0.0500	0.0536	107	90 - 110	mg/L	
Cobalt		0.200	0.206	103	90 - 110	mg/L	
Chromium		0.500	0.507	101	90 - 110	mg/L	
Copper		0.500	0.499	99.8	90 - 110	mg/L	
Iron		4.00	4.05	101	90 - 110	mg/L	
Potassium		50.0	50.6	101	90 - 110	mg/L	
Magnesium		10.0	10.2	102	90 - 110	mg/L	
Manganese		0.500	0.516	103	90 - 110	mg/L	
Sodium		50.0	50.9	102	90 - 110	mg/L	
Nickel		0.500	0.505	101	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.02	102	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092199

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-27
Instrument ID: IRIS-ICP Run Time: 17:30 Method: 6010B
File ID: IR.092906.173000 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.95	99.5	90 - 110	mg/L	
Silver		0.400	0.409	102	90 - 110	mg/L	
Barium		1.00	0.994	99.4	90 - 110	mg/L	
Beryllium		0.0500	0.0510	102	90 - 110	mg/L	
Calcium		10.0	10.1	101	90 - 110	mg/L	
Cadmium		0.0500	0.0530	106	90 - 110	mg/L	
Cobalt		0.200	0.206	103	90 - 110	mg/L	
Chromium		0.500	0.508	102	90 - 110	mg/L	
Copper		0.500	0.497	99.5	90 - 110	mg/L	
Iron		4.00	4.04	101	90 - 110	mg/L	
Potassium		50.0	50.2	100	90 - 110	mg/L	
Magnesium		10.0	10.1	101	90 - 110	mg/L	
Manganese		0.500	0.514	103	90 - 110	mg/L	
Sodium		50.0	50.5	101	90 - 110	mg/L	
Nickel		0.500	0.505	101	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.02	102	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092200

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-31
Instrument ID: IRIS-ICP Run Time: 19:58 Method: 6010B
File ID: IR.092906.195800 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.85	98.5	90 - 110	mg/L	
Silver		0.400	0.404	101	90 - 110	mg/L	
Barium		1.00	0.988	98.8	90 - 110	mg/L	
Beryllium		0.0500	0.0510	102	90 - 110	mg/L	
Calcium		10.0	10.1	101	90 - 110	mg/L	
Cadmium		0.0500	0.0532	106	90 - 110	mg/L	
Cobalt		0.200	0.206	103	90 - 110	mg/L	
Chromium		0.500	0.506	101	90 - 110	mg/L	
Copper		0.500	0.495	99.0	90 - 110	mg/L	
Iron		4.00	4.04	101	90 - 110	mg/L	
Potassium		50.0	50.1	100	90 - 110	mg/L	
Magnesium		10.0	10.1	101	90 - 110	mg/L	
Manganese		0.500	0.515	103	90 - 110	mg/L	
Sodium		50.0	50.4	101	90 - 110	mg/L	
Nickel		0.500	0.505	101	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.02	102	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092201

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-33
Instrument ID: IRIS-ICP Run Time: 20:27 Method: 6010B
File ID: IR.092906.202700 Analyst: SLP
Workgroup (AAB#): WG223267 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.81	98.1	90 - 110	mg/L	
Silver		0.400	0.400	100	90 - 110	mg/L	
Barium		1.00	0.994	99.4	90 - 110	mg/L	
Beryllium		0.0500	0.0509	102	90 - 110	mg/L	
Calcium		10.0	10.0	100	90 - 110	mg/L	
Cadmium		0.0500	0.0532	106	90 - 110	mg/L	
Cobalt		0.200	0.204	102	90 - 110	mg/L	
Chromium		0.500	0.500	99.9	90 - 110	mg/L	
Copper		0.500	0.493	98.7	90 - 110	mg/L	
Iron		4.00	3.99	99.8	90 - 110	mg/L	
Potassium		50.0	50.4	101	90 - 110	mg/L	
Magnesium		10.0	9.97	99.7	90 - 110	mg/L	
Manganese		0.500	0.513	103	90 - 110	mg/L	
Sodium		50.0	50.4	101	90 - 110	mg/L	
Nickel		0.500	0.501	100	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	1.02	102	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092202

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-11
Instrument ID: IRIS-ICP Run Time: 09:52 Method: 6010B
File ID: IR.092906.095200 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.93	99.3	90 - 110	mg/L	
Silver		0.400	0.406	101	90 - 110	mg/L	
Barium		1.00	0.990	99.0	90 - 110	mg/L	
Beryllium		0.0500	0.0509	102	90 - 110	mg/L	
Calcium		10.0	9.94	99.4	90 - 110	mg/L	
Cadmium		0.0500	0.0519	104	90 - 110	mg/L	
Cobalt		0.200	0.203	102	90 - 110	mg/L	
Chromium		0.500	0.500	100	90 - 110	mg/L	
Copper		0.500	0.499	99.8	90 - 110	mg/L	
Iron		4.00	3.99	99.8	90 - 110	mg/L	
Potassium		50.0	50.9	102	90 - 110	mg/L	
Magnesium		10.0	10.0	100	90 - 110	mg/L	
Manganese		0.500	0.508	102	90 - 110	mg/L	
Sodium		50.0	51.5	103	90 - 110	mg/L	
Nickel		0.500	0.499	99.8	90 - 110	mg/L	
Vanadium		1.00	1.01	101	90 - 110	mg/L	
Zinc		1.00	1.01	101	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092203

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-17
Instrument ID: IRIS-ICP Run Time: 13:46 Method: 6010B
File ID: IR.092906.134600 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	10.0	100	90 - 110	mg/L	
Silver		0.400	0.404	101	90 - 110	mg/L	
Barium		1.00	0.989	98.9	90 - 110	mg/L	
Beryllium		0.0500	0.0516	103	90 - 110	mg/L	
Calcium		10.0	10.1	101	90 - 110	mg/L	
Cadmium		0.0500	0.0524	105	90 - 110	mg/L	
Cobalt		0.200	0.207	104	90 - 110	mg/L	
Chromium		0.500	0.505	101	90 - 110	mg/L	
Copper		0.500	0.498	99.7	90 - 110	mg/L	
Iron		4.00	4.09	102	90 - 110	mg/L	
Potassium		50.0	50.7	101	90 - 110	mg/L	
Magnesium		10.0	10.2	102	90 - 110	mg/L	
Manganese		0.500	0.516	103	90 - 110	mg/L	
Sodium		50.0	51.1	102	90 - 110	mg/L	
Nickel		0.500	0.515	103	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.03	103	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092204

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-21
Instrument ID: IRIS-ICP Run Time: 15:20 Method: 6010B
File ID: IR.092906.152000 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.88	98.8	90 - 110	mg/L	
Silver		0.400	0.405	101	90 - 110	mg/L	
Barium		1.00	0.991	99.1	90 - 110	mg/L	
Beryllium		0.0500	0.0507	101	90 - 110	mg/L	
Calcium		10.0	10.0	100	90 - 110	mg/L	
Cadmium		0.0500	0.0531	106	90 - 110	mg/L	
Cobalt		0.200	0.205	102	90 - 110	mg/L	
Chromium		0.500	0.503	101	90 - 110	mg/L	
Copper		0.500	0.496	99.2	90 - 110	mg/L	
Iron		4.00	4.00	100	90 - 110	mg/L	
Potassium		50.0	50.5	101	90 - 110	mg/L	
Magnesium		10.0	10.1	101	90 - 110	mg/L	
Manganese		0.500	0.511	102	90 - 110	mg/L	
Sodium		50.0	50.6	101	90 - 110	mg/L	
Nickel		0.500	0.502	100	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.01	101	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092205

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-23
Instrument ID: IRIS-ICP Run Time: 16:52 Method: 6010B
File ID: IR.092906.165200 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.92	99.2	90 - 110	mg/L	
Silver		0.400	0.408	102	90 - 110	mg/L	
Barium		1.00	0.996	99.6	90 - 110	mg/L	
Beryllium		0.0500	0.0514	103	90 - 110	mg/L	
Calcium		10.0	10.1	101	90 - 110	mg/L	
Cadmium		0.0500	0.0536	107	90 - 110	mg/L	
Cobalt		0.200	0.206	103	90 - 110	mg/L	
Chromium		0.500	0.507	101	90 - 110	mg/L	
Copper		0.500	0.499	99.8	90 - 110	mg/L	
Iron		4.00	4.05	101	90 - 110	mg/L	
Potassium		50.0	50.6	101	90 - 110	mg/L	
Magnesium		10.0	10.2	102	90 - 110	mg/L	
Manganese		0.500	0.516	103	90 - 110	mg/L	
Sodium		50.0	50.9	102	90 - 110	mg/L	
Nickel		0.500	0.505	101	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.02	102	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092206

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-27
Instrument ID: IRIS-ICP Run Time: 17:30 Method: 6010B
File ID: IR.092906.173000 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.95	99.5	90 - 110	mg/L	
Silver		0.400	0.409	102	90 - 110	mg/L	
Barium		1.00	0.994	99.4	90 - 110	mg/L	
Beryllium		0.0500	0.0510	102	90 - 110	mg/L	
Calcium		10.0	10.1	101	90 - 110	mg/L	
Cadmium		0.0500	0.0530	106	90 - 110	mg/L	
Cobalt		0.200	0.206	103	90 - 110	mg/L	
Chromium		0.500	0.508	102	90 - 110	mg/L	
Copper		0.500	0.497	99.5	90 - 110	mg/L	
Iron		4.00	4.04	101	90 - 110	mg/L	
Potassium		50.0	50.2	100	90 - 110	mg/L	
Magnesium		10.0	10.1	101	90 - 110	mg/L	
Manganese		0.500	0.514	103	90 - 110	mg/L	
Sodium		50.0	50.5	101	90 - 110	mg/L	
Nickel		0.500	0.505	101	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.02	102	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092207

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-29
Instrument ID: IRIS-ICP Run Time: 18:46 Method: 6010B
File ID: IR.092906.184600 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.90	99.0	90 - 110	mg/L	
Silver		0.400	0.404	101	90 - 110	mg/L	
Barium		1.00	0.994	99.4	90 - 110	mg/L	
Beryllium		0.0500	0.0508	102	90 - 110	mg/L	
Calcium		10.0	10.0	100	90 - 110	mg/L	
Cadmium		0.0500	0.0527	105	90 - 110	mg/L	
Cobalt		0.200	0.205	102	90 - 110	mg/L	
Chromium		0.500	0.504	101	90 - 110	mg/L	
Copper		0.500	0.495	99.0	90 - 110	mg/L	
Iron		4.00	4.01	100	90 - 110	mg/L	
Potassium		50.0	50.3	101	90 - 110	mg/L	
Magnesium		10.0	10.1	101	90 - 110	mg/L	
Manganese		0.500	0.511	102	90 - 110	mg/L	
Sodium		50.0	50.3	101	90 - 110	mg/L	
Nickel		0.500	0.500	99.9	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.01	101	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092208

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223768-31
Instrument ID: IRIS-ICP Run Time: 19:58 Method: 6010B
File ID: IR.092906.195800 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.85	98.5	90 - 110	mg/L	
Silver		0.400	0.404	101	90 - 110	mg/L	
Barium		1.00	0.988	98.8	90 - 110	mg/L	
Beryllium		0.0500	0.0510	102	90 - 110	mg/L	
Calcium		10.0	10.1	101	90 - 110	mg/L	
Cadmium		0.0500	0.0532	106	90 - 110	mg/L	
Cobalt		0.200	0.206	103	90 - 110	mg/L	
Chromium		0.500	0.506	101	90 - 110	mg/L	
Copper		0.500	0.495	99.0	90 - 110	mg/L	
Iron		4.00	4.04	101	90 - 110	mg/L	
Potassium		50.0	50.1	100	90 - 110	mg/L	
Magnesium		10.0	10.1	101	90 - 110	mg/L	
Manganese		0.500	0.515	103	90 - 110	mg/L	
Sodium		50.0	50.4	101	90 - 110	mg/L	
Nickel		0.500	0.505	101	90 - 110	mg/L	
Vanadium		1.00	1.02	102	90 - 110	mg/L	
Zinc		1.00	1.02	102	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092209

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223950-11
Instrument ID: IRIS-ICP Run Time: 09:42 Method: 6010B
File ID: IR.100206.094200 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 02-OCT-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.94	99.4	90 - 110	mg/L	
Silver		0.400	0.403	101	90 - 110	mg/L	
Barium		1.00	0.982	98.2	90 - 110	mg/L	
Beryllium		0.0500	0.0510	102	90 - 110	mg/L	
Calcium		10.0	9.94	99.4	90 - 110	mg/L	
Cadmium		0.0500	0.0515	103	90 - 110	mg/L	
Cobalt		0.200	0.202	101	90 - 110	mg/L	
Chromium		0.500	0.494	98.9	90 - 110	mg/L	
Copper		0.500	0.496	99.2	90 - 110	mg/L	
Iron		4.00	3.98	99.5	90 - 110	mg/L	
Potassium		50.0	50.3	101	90 - 110	mg/L	
Magnesium		10.0	9.90	99.0	90 - 110	mg/L	
Manganese		0.500	0.507	101	90 - 110	mg/L	
Sodium		50.0	50.9	102	90 - 110	mg/L	
Nickel		0.500	0.501	100	90 - 110	mg/L	
Vanadium		1.00	1.00	100	90 - 110	mg/L	
Zinc		1.00	1.01	101	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092210

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223950-15
Instrument ID: IRIS-ICP Run Time: 12:21 Method: 6010B
File ID: IR.100206.122100 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 02-OCT-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.76	97.6	90 - 110	mg/L	
Silver		0.400	0.396	98.9	90 - 110	mg/L	
Barium		1.00	0.967	96.7	90 - 110	mg/L	
Beryllium		0.0500	0.0503	101	90 - 110	mg/L	
Calcium		10.0	9.87	98.7	90 - 110	mg/L	
Cadmium		0.0500	0.0518	104	90 - 110	mg/L	
Cobalt		0.200	0.202	101	90 - 110	mg/L	
Chromium		0.500	0.492	98.4	90 - 110	mg/L	
Copper		0.500	0.486	97.1	90 - 110	mg/L	
Iron		4.00	3.96	99.1	90 - 110	mg/L	
Potassium		50.0	48.9	97.7	90 - 110	mg/L	
Magnesium		10.0	9.84	98.4	90 - 110	mg/L	
Manganese		0.500	0.504	101	90 - 110	mg/L	
Sodium		50.0	49.4	98.7	90 - 110	mg/L	
Nickel		0.500	0.498	99.7	90 - 110	mg/L	
Vanadium		1.00	0.991	99.1	90 - 110	mg/L	
Zinc		1.00	1.01	101	90 - 110	mg/L	

* Exceeds LIMITS Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092211

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223950-17
Instrument ID: IRIS-ICP Run Time: 13:09 Method: 6010B
File ID: IR.100206.130900 Analyst: SLP
Workgroup (AAB#): WG223450 Cal ID: IRIS-I - 02-OCT-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Aluminum		10.0	9.74	97.4	90 - 110	mg/L	
Silver		0.400	0.396	99.1	90 - 110	mg/L	
Barium		1.00	0.967	96.7	90 - 110	mg/L	
Beryllium		0.0500	0.0503	101	90 - 110	mg/L	
Calcium		10.0	9.83	98.3	90 - 110	mg/L	
Cadmium		0.0500	0.0511	102	90 - 110	mg/L	
Cobalt		0.200	0.200	100	90 - 110	mg/L	
Chromium		0.500	0.489	97.7	90 - 110	mg/L	
Copper		0.500	0.488	97.5	90 - 110	mg/L	
Iron		4.00	3.93	98.4	90 - 110	mg/L	
Potassium		50.0	48.9	97.8	90 - 110	mg/L	
Magnesium		10.0	9.86	98.6	90 - 110	mg/L	
Manganese		0.500	0.501	100	90 - 110	mg/L	
Sodium		50.0	49.5	99.0	90 - 110	mg/L	
Nickel		0.500	0.496	99.1	90 - 110	mg/L	
Vanadium		1.00	0.992	99.2	90 - 110	mg/L	
Zinc		1.00	1.00	100	90 - 110	mg/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 08/16/2006
Version 1.3 PDF File ID: 580442
Report generated 10/02/2006 15:13

Login number: L0609540 **Workgroup (AAB#):** WG223267
Instrument ID: IRIS-ICP **Method:** 6010B
Sol. A : WG223617-21 **File ID:** IR.092806.155100 **Units:** mg/L
Sol. AB : WG223617-22 **File ID:** IR.092806.155700

	Sol. A			Sol. AB			
ANALYTE	True	Found	%Recovery	True	Found	%Recovery	Q
Aluminum	250	233	93.2	250	233	93.2	
Barium	NS	0.000280	NS	0.250	0.227	90.8	
Beryllium	NS	-0.000100	NS	0.250	0.226	90.4	
Cadmium	NS	0.00139	NS	0.500	0.499	99.8	
Calcium	250	226	90.4	250	225	90.0	
Chromium	NS	0.00149	NS	0.250	0.227	90.8	
Cobalt	NS	0.00169	NS	0.250	0.228	91.2	
Copper	NS	0.000850	NS	0.250	0.231	92.4	
Iron	100	89.5	89.5	100	94.1	94.1	
Magnesium	250	229	91.6	250	228	91.2	
Manganese	NS	0.000560	NS	0.250	0.220	88.0	
Nickel	NS	0.00849	NS	0.500	0.456	91.2	
Potassium	NS	-0.0174	NS	5.00	4.77	95.4	
Silver	NS	0.000390	NS	0.500	0.449	89.8	
Sodium	NS	0.0578	NS	5.00	4.88	97.6	
Vanadium	NS	0.00238	NS	0.250	0.225	90.0	
Zinc	NS	0.00155	NS	0.500	0.475	95.0	

NS = Not spiked
*** = Recovery of spiked element is outside acceptance limit of 80% - 120% of true value.**
 # = Result for unspiked element is outside the acceptance limits of (+/-) the project reporting limit (RL).

KEMRON ENVIRONMENTAL SERVICES
INTERFERENCE CHECK SAMPLES

00092213

Login number: L0609540 **Workgroup (AAB#):** WG223267
Instrument ID: IRIS-ICP **Method:** 6010B
Sol. A : WG223768-25 **File ID:** IR.092906.171800 **Units:** mg/L
Sol. AB : WG223768-26 **File ID:** IR.092906.172400

	Sol. A			Sol. AB			
ANALYTE	True	Found	%Recovery	True	Found	%Recovery	Q
Aluminum	250	237	94.8	250	235	94.0	
Barium	NS	-0.000200	NS	0.250	0.228	91.2	
Beryllium	NS	-0.000100	NS	0.250	0.231	92.4	
Cadmium	NS	0.00157	NS	0.500	0.501	100	
Calcium	250	234	93.6	250	231	92.4	
Chromium	NS	0.000400	NS	0.250	0.229	91.6	
Cobalt	NS	0.00140	NS	0.250	0.232	92.8	
Copper	NS	0.000660	NS	0.250	0.230	92.0	
Iron	100	92.6	92.6	100	96.5	96.5	
Magnesium	250	232	92.8	250	230	92.0	
Manganese	NS	-0.000330	NS	0.250	0.224	89.6	
Nickel	NS	0.00803	NS	0.500	0.463	92.6	
Potassium	NS	-0.0115	NS	5.00	4.80	96.0	
Silver	NS	0.00147	NS	0.500	0.449	89.8	
Sodium	NS	0.0385	NS	5.00	4.86	97.2	
Vanadium	NS	0.00206	NS	0.250	0.227	90.8	
Zinc	NS	0.00295	NS	0.500	0.484	96.8	

NS = Not spiked
*** = Recovery of spiked element is outside acceptance limit of 80% - 120% of true value.**
 # = Result for unspiked element is outside the acceptance limits of (+/-) the project reporting limit (RL).

KEMRON ENVIRONMENTAL SERVICES
INTERFERENCE CHECK SAMPLES

00092214

Login number: L0609540 **Workgroup (AAB#):** WG223450
Instrument ID: IRIS-ICP **Method:** 6010B
Sol. A : WG223768-19 **File ID:** IR.092906.150800 **Units:** mg/L
Sol. AB : WG223768-20 **File ID:** IR.092906.151400

	Sol. A			Sol. AB			
ANALYTE	True	Found	%Recovery	True	Found	%Recovery	Q
Aluminum	250	236	94.4	250	242	96.8	
Barium	NS	0.0000100	NS	0.250	0.235	94.0	
Beryllium	NS	-0.000110	NS	0.250	0.241	96.4	
Cadmium	NS	0.00172	NS	0.500	0.500	100	
Calcium	250	235	94.0	250	238	95.2	
Chromium	NS	0.000640	NS	0.250	0.230	92.0	
Cobalt	NS	0.00140	NS	0.250	0.233	93.2	
Copper	NS	0.000310	NS	0.250	0.238	95.2	
Iron	100	92.6	92.6	100	96.4	96.4	
Magnesium	250	232	92.8	250	239	95.6	
Manganese	NS	-0.0000400	NS	0.250	0.223	89.2	
Nickel	NS	0.00799	NS	0.500	0.465	93.0	
Potassium	NS	-0.00897	NS	5.00	4.77	95.4	
Silver	NS	-0.00208	NS	0.500	0.464	92.8	
Sodium	NS	0.0448	NS	5.00	4.85	97.0	
Vanadium	NS	0.00338	NS	0.250	0.235	94.0	
Zinc	NS	0.00302	NS	0.500	0.484	96.8	

NS = Not spiked
*** = Recovery of spiked element is outside acceptance limit of 80% - 120% of true value.**
 # = Result for unspiked element is outside the acceptance limits of (+/-) the project reporting limit (RL).

KEMRON ENVIRONMENTAL SERVICES
INTERFERENCE CHECK SAMPLES

00092215

Login number: L0609540 **Workgroup (AAB#):** WG223450
Instrument ID: IRIS-ICP **Method:** 6010B
Sol. A : WG223768-25 **File ID:** IR.092906.171800 **Units:** mg/L
Sol. AB : WG223768-26 **File ID:** IR.092906.172400

	Sol. A			Sol. AB			
ANALYTE	True	Found	%Recovery	True	Found	%Recovery	Q
Aluminum	250	237	94.8	250	235	94.0	
Barium	NS	-0.000200	NS	0.250	0.228	91.2	
Beryllium	NS	-0.000100	NS	0.250	0.231	92.4	
Cadmium	NS	0.00157	NS	0.500	0.501	100	
Calcium	250	234	93.6	250	231	92.4	
Chromium	NS	0.000400	NS	0.250	0.229	91.6	
Cobalt	NS	0.00140	NS	0.250	0.232	92.8	
Copper	NS	0.000660	NS	0.250	0.230	92.0	
Iron	100	92.6	92.6	100	96.5	96.5	
Magnesium	250	232	92.8	250	230	92.0	
Manganese	NS	-0.000330	NS	0.250	0.224	89.6	
Nickel	NS	0.00803	NS	0.500	0.463	92.6	
Potassium	NS	-0.0115	NS	5.00	4.80	96.0	
Silver	NS	0.00147	NS	0.500	0.449	89.8	
Sodium	NS	0.0385	NS	5.00	4.86	97.2	
Vanadium	NS	0.00206	NS	0.250	0.227	90.8	
Zinc	NS	0.00295	NS	0.500	0.484	96.8	

NS = Not spiked
*** = Recovery of spiked element is outside acceptance limit of 80% - 120% of true value.**
 # = Result for unspiked element is outside the acceptance limits of (+/-) the project reporting limit (RL).

KEMRON ENVIRONMENTAL SERVICES
INTERFERENCE CHECK SAMPLES

00092216

Login number: L0609540 **Workgroup (AAB#):** WG223450
Instrument ID: IRIS-ICP **Method:** 6010B
Sol. A : WG223950-09 **File ID:** IR.100206.093000 **Units:** mg/L
Sol. AB : WG223950-10 **File ID:** IR.100206.093600

	Sol. A			Sol. AB			
ANALYTE	True	Found	%Recovery	True	Found	%Recovery	Q
Aluminum	250	238	95.2	250	246	98.4	
Barium	NS	-0.000120	NS	0.250	0.235	94.0	
Beryllium	NS	-0.000120	NS	0.250	0.243	97.2	
Cadmium	NS	0.000810	NS	0.500	0.480	96.0	
Calcium	250	231	92.4	250	239	95.6	
Chromium	NS	0.000600	NS	0.250	0.227	90.8	
Cobalt	NS	0.00170	NS	0.250	0.229	91.6	
Copper	NS	-0.000170	NS	0.250	0.238	95.2	
Iron	100	92.4	92.4	100	97.1	97.1	
Magnesium	250	227	90.8	250	235	94.0	
Manganese	NS	0.000210	NS	0.250	0.222	88.8	
Nickel	NS	0.00717	NS	0.500	0.462	92.4	
Potassium	NS	-0.00209	NS	5.00	4.78	95.6	
Silver	NS	-0.00450	NS	0.500	0.466	93.2	
Sodium	NS	0.0140	NS	5.00	4.89	97.8	
Vanadium	NS	-0.00155	NS	0.250	0.233	93.2	
Zinc	NS	0.00353	NS	0.500	0.484	96.8	

NS = Not spiked
*** = Recovery of spiked element is outside acceptance limit of 80% - 120% of true value.**
 # = Result for unspiked element is outside the acceptance limits of (+/-) the project reporting limit (RL).

KEMRON Environmental Services

INTERELEMENT CORRECTION FACTORS (ANNUALLY)

00092217

Login Number: L0609540 **Date:** 06/08/2006

Insturment ID: IRIS-ICP **Method:** 6010B

Analyte	Wave Length	AL	AS	B	BA	BE
ALUMINUM	308.20	0	0	0	0	0
ANTIMONY	206.80	-0.00000400	-0.00000300	0	0	0
ARSENIC	189.00	0.0000100	0	0	0	0
BARIUM	455.40	0	0	0	0	0
BERYLLIUM	313.00	0	0	0	0	0
BORON	249.70	0	0	0	0	0
CADMIUM	228.80	0.00000100	0.0160	0	-0.00181	0
CALCIUM	373.70	0	0	0	0	0
CHROMIUM	267.70	0	0	0	0	0
COBALT	228.60	0	0	0	0	0
COPPER	324.70	0	0	0	0	0
IRON	271.40	0	0	0	0	0
LEAD	220.30	0.000500	0	0	0	0
LITHIUM	670.80	0	0	0	0	0
MAGNESIUM	277.90	0	-0.0432	0	0	0
MANGANESE	257.60	0	0	0	0	0
MOLYBDENUM	202.03	0	0	0	0	0
NICKEL	231.60	0	0	0	0	0.00830
POTASSIUM	766.40	0	0	0	-0.0660	0
SELENIUM	196.00	0.000156	0	0	0	0
SILICON	251.60	0	0	-0.0157	0	0
SILVER	328.00	0.00000100	0	0	0	0
SODIUM	589.50	0	0	0	0	0
STRONTIUM	215.20	0	0	0	0	0
THALLIUM	190.80	-0.0000300	0	0	0	0
TIN	189.90	0	0	0	0	0
TITANIUM	334.90	0	0	0	0	0
VANADIUM	310.20	-0.0000260	0	0	0	0.00900
ZINC	213.80	0	0	0	0	0

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 580437
Report generated 10/02/2006 15:12

INTERELEMENT CORRECTION FACTORS (ANNUALLY)

00092218

Login Number: L0609540 **Date:** 06/08/2006

Insturment ID: IRIS-ICP **Method:** 6010B

Analyte	Wave Length	CA	CO	CR	CU	FE
ALUMINUM	308.20	0	-0.00524	0	0	0
ANTIMONY	206.80	0	0	0.0230	0	0.00000500
ARSENIC	189.00	0	0	0.000280	0	-0.000110
BARIUM	455.40	0	0	0	0	0
BERYLLIUM	313.00	0	0	0	0	0
BORON	249.70	0	0.00160	0	0	0
CADMIUM	228.80	0.00000200	0	0	0	0.00000300
CALCIUM	373.70	0	0	0	0	0.00400
CHROMIUM	267.70	0	0	0	0	-0.0000100
COBALT	228.60	0	0	0.0000450	0	0.0000150
COPPER	324.70	0	0	-0.000150	0	0.0000390
IRON	271.40	0.00160	0.0969	0	0	0
LEAD	220.30	0	-0.000300	-0.000220	0	0.0000170
LITHIUM	670.80	-0.0000500	0	0	0	0
MAGNESIUM	277.90	0	0	-0.00436	0	0
MANGANESE	257.60	0	0	0	0	-0.0000180
MOLYBDENUM	202.03	0	0	0	0	0
NICKEL	231.60	0	0.000400	0	0	0.00000700
POTASSIUM	766.40	0	0	0	0	0
SELENIUM	196.00	0	0.00419	0	0	-0.00100
SILICON	251.60	0	0	0	0	0
SILVER	328.00	0	0	-0.0000420	0	0.00000100
SODIUM	589.50	0	0	0	0	0
STRONTIUM	215.20	0	0.0000600	0	0	-0.000392
THALLIUM	190.80	0	0.00649	0.000190	0	-0.0000800
TIN	189.90	0	0	0	0	0
TITANIUM	334.90	-0.0000300	0	0.000300	0	0
VANADIUM	310.20	0	0	-0.000646	0	-0.0000100
ZINC	213.80	0	0	0	0.000250	0.0000600

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 580437
Report generated 10/02/2006 15:12

INTERELEMENT CORRECTION FACTORS (ANNUALLY)

00092219

Login Number: L0609540 **Date:** 06/08/2006

Insturment ID: IRIS-ICP **Method:** 6010B

Analyte	Wave Length	LI	MG	MN	MO	NI
ALUMINUM	308.20	0	0	0.00180	0.0300	0
ANTIMONY	206.80	0	0	0	-0.00800	-0.000100
ARSENIC	189.00	0	0	0	0.00108	0
BARIUM	455.40	0	0	0	0	0
BERYLLIUM	313.00	0	0	0	-0.0000500	0
BORON	249.70	0	0	0	0	0
CADMIUM	228.80	0	0	0	0	-0.0000250
CALCIUM	373.70	0	0	0.00160	0	0.00195
CHROMIUM	267.70	0	0	0.000510	0	0
COBALT	228.60	0	0	0	0	0
COPPER	324.70	0	0	0	0	0
IRON	271.40	0	0	-0.000500	-0.00740	0
LEAD	220.30	0	0	0	-0.00300	0.000489
LITHIUM	670.80	0	0	0	0	0
MAGNESIUM	277.90	0	0	0.00132	-0.120	0
MANGANESE	257.60	0	0	0	0	0
MOLYBDENUM	202.03	0	0	0	0	0
NICKEL	231.60	0	0	0	0	0
POTASSIUM	766.40	0	0	0	0	0
SELENIUM	196.00	0	0	0.000260	-0.000660	0
SILICON	251.60	0	0	0	0.00800	0
SILVER	328.00	0	0	0.0000800	-0.000290	0
SODIUM	589.50	0	0	0	0	0
STRONTIUM	215.20	0	0	0	-0.0000800	0
THALLIUM	190.80	0	0	0.00130	-0.00710	0
TIN	189.90	0	0	0	0	0
TITANIUM	334.90	-0.00250	0	0	0	0
VANADIUM	310.20	0	-0.00000400	0	0	0
ZINC	213.80	0	0.0000180	0.000279	0	0.00635

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Report generated 10/02/2006 15:12

KEMRON Environmental Services

INTERELEMENT CORRECTION FACTORS (ANNUALLY)

00092220

Login Number: L0609540 **Date:** 06/08/2006

Insturment ID: IRIS-ICP **Method:** 6010B

Analyte	Wave Length	SB	SN	TI	V	ZN
ALUMINUM	308.20	0	0	-0.00200	0.00930	0
ANTIMONY	206.80	0	0	0.000620	0.0000700	0
ARSENIC	189.00	-0.000420	0	0	0	0
BARIUM	455.40	0	0	0	0	0
BERYLLIUM	313.00	0	0	0	0.00120	0
BORON	249.70	0	0	0	0	0
CADMIUM	228.80	0	0	0	0.0000360	0
CALCIUM	373.70	0	0	0	0	0
CHROMIUM	267.70	0	0	0	0.000100	0
COBALT	228.60	0	-0.00339	0.00180	0	-0.00100
COPPER	324.70	0	0	-0.000950	-0.00383	0
IRON	271.40	0	0	0	-0.0430	0
LEAD	220.30	0	0	0	0	0
LITHIUM	670.80	0	0	0	0	0
MAGNESIUM	277.90	0	0	0	0.00570	0
MANGANESE	257.60	0	0	0	-0.0000750	0
MOLYBDENUM	202.03	0	0	0	-0.000247	0.00200
NICKEL	231.60	0	0	0	0	0
POTASSIUM	766.40	0	0	0	0	0
SELENIUM	196.00	0	0	0	0	0.0140
SILICON	251.60	0	0	0.00665	0	0
SILVER	328.00	0	0	0.00268	-0.0143	0
SODIUM	589.50	0	0	0	0	0
STRONTIUM	215.20	0	0	0	0	0.000768
THALLIUM	190.80	-0.000146	0	0.00180	0.00321	0
TIN	189.90	0	0	0	0	0
TITANIUM	334.90	0	0		0	0
VANADIUM	310.20	0	0	0	0	0
ZINC	213.80	0	0	0	0	0

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 580437
Report generated 10/02/2006 15:12

Login Number: L0609540 **Date:** 09/12/2006
Insturment ID: IRIS-ICP **Method:** 6010B

Analyte	Integration Time (Sec.)	Concentration (mg/L)
Aluminum	10.00	800.0
Antimony	55.00	50.0
Arsenic	55.00	100.0
Barium	10.00	20.0
Beryllium	10.00	4.0
Boron	55.00	100.0
Cadmium	55.00	30.0
Calcium	10.00	500.0
Chromium	55.00	20.0
Cobalt	55.00	100.0
Copper	10.00	50.0
Iron	55.00	900.0
Lead	55.00	200.0
Lithium	10.00	10.0
Magnesium	55.00	1000.0
Manganese	55.00	20.0
Molybdenum	55.00	30.0
Nickel	55.00	100.0
Potassium	10.00	200.0
Selenium	55.00	20.0
Silicon	55.00	50.0
Silver	10.00	10.0
Sodium	10.00	150.0
Strontium	55.00	30.0
Thallium	55.00	20.0
Tin	55.00	30.0
Titanium	10.00	25.0
Vanadium	10.00	100.0
Zinc	55.00	20.0

Comments:

KEMRON Environmental Services
Data Checklist

00092222

Date: 29-SEP-2006
Analyst: JYH
Analyst: NA
Method: 6020
Instrument: ELAN-ICP
Curve Workgroup: 223757
Runlog ID: 12546
Analytical Workgroups: 223683,223741,223765

Calibration/Linearity	X
ICV/CCV	X
ICB/CCB	X
ICSA/ICSAB	X
CRI	X
Blank/LCS	X
MS/MSD	X
Post Spike/Serial Dilution	X
Upload Results	X
Data Qualifiers	
Generate PDF Instrument Data	X
Sign/Annotate PDF Data	X
Upload Curve Data	X
Workgroup Forms	X
Case Narrative	540,535,581,654,657,658,676
Client Forms	X
Level 9	
Level 3	540,535,581,654
Level 4	657,658,676
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Primary Reviewer	JYH
Secondary Reviewer	LSB
Comments	

Primary Reviewer:

Secondary Reviewer:
02-OCT-2006

Generated: OCT-02-2006 14:39:46

KEMRON Environmental Services
Data Checklist

00092223

Date: 02-OCT-2006
Analyst: JYH
Analyst: NA
Method: 6020
Instrument: ELAN-ICP
Curve Workgroup: 223984
Runlog ID: 12584
Analytical Workgroups: 223939,223683

Calibration/Linearity	X
ICV/CCV	X
ICB/CCB	X
ICSA/ICSAB	X
CRI	X
Blank/LCS	X
MS/MSD	X
Post Spike/Serial Dilution	X
Upload Results	X
Data Qualifiers	
Generate PDF Instrument Data	X
Sign/Annotate PDF Data	X
Upload Curve Data	X
Workgroup Forms	X
Case Narrative	579,601,540
Client Forms	X
Level 9	
Level 3	540
Level 4	579,601
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Primary Reviewer	JYH
Secondary Reviewer	LSB
Comments	

Primary Reviewer:

Secondary Reviewer:
03-OCT-2006

Generated: OCT-04-2006 20:06:40

KEMRON Environmental Services

Instrument Run Log

00092224

Instrument: ELAN-ICP Dataset: 092906A.REP
Analyst1: JYH Analyst2: N/A
Method: 6020 SOP: ME700 Rev: 3
Maintenance Log ID: 14546

Calibration Std: STD15302 ICV/CCV Std: STD14827 Post Spike: STD15023
ICSA: STD15021 ICSAB: STD14829

Workgroups: 223683,223741,223765

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
1	EL.092906.091741	Blank	Blank		1		09/29/06 09:17
2	EL.092906.092344	WG223757-01	Calibration Point		1		09/29/06 09:23
3	EL.092906.092947	WG223757-02	Calibration Point		1		09/29/06 09:29
4	EL.092906.093550	WG223757-03	Calibration Point		1		09/29/06 09:35
5	EL.092906.094154	WG223757-04	Calibration Point		1		09/29/06 09:41
6	EL.092906.094759	WG223757-05	Initial Calibration Verification		1		09/29/06 09:47
7	EL.092906.095424	WG223757-06	Initial Calib Blank		1		09/29/06 09:54
8	EL.092906.100049	WG223757-07	CRQL Check Solid		1		09/29/06 10:00
9	EL.092906.100717	WG223757-08	CRQL Check Water		1		09/29/06 10:07
10	EL.092906.101345	WG223757-09	Interference Check		1		09/29/06 10:13
11	EL.092906.102012	WG223757-10	Interference Check		1		09/29/06 10:20
12	EL.092906.102638	WG223757-11	CCV		1		09/29/06 10:26
13	EL.092906.103302	WG223757-12	CCB		1		09/29/06 10:33
14	EL.092906.103925	WG223249-02	Method/Prep Blank	.5/200	1		09/29/06 10:39
15	EL.092906.104528	WG223249-03	Laboratory Control S	.5/200	1		09/29/06 10:45
16	EL.092906.105131	WG223249-01	Reference Sample		1	L0609540-13	09/29/06 10:51
17	EL.092906.105735	WG223249-04	Matrix Spike	.5/200	1	L0609540-14	09/29/06 10:57
18	EL.092906.110338	WG223249-05	Matrix Spike Duplica	.5/200	1	L0609540-15	09/29/06 11:03
19	EL.092906.110943	L0609540-02	35-SMP034-SB01-02	.504/200	1		09/29/06 11:09
20	EL.092906.111548	L0609540-03	35-SMP034-SB02-02	.5/200	1		09/29/06 11:15
21	EL.092906.112357	WG223683-01	Post Digestion Spike		1	L0609540-02	09/29/06 11:23
22	EL.092906.113002	WG223683-02	Serial Dilution		5	L0609540-02	09/29/06 11:30
23	EL.092906.113607	WG223757-13	CCV		1		09/29/06 11:36
24	EL.092906.114231	WG223757-14	CCB		1		09/29/06 11:42
25	EL.092906.114855	L0609540-06	35-SMP111-SB01-01	.5/200	1		09/29/06 11:48
26	EL.092906.115501	L0609540-07	35-SMP111-SB01-02	.51/200	1		09/29/06 11:55
27	EL.092906.120108	L0609540-08	35-SMP073-SB01-01	.504/200	1		09/29/06 12:01
28	EL.092906.120712	L0609540-09	35-SMP073-SB01-02	.5/200	1		09/29/06 12:07
29	EL.092906.121315	L0609540-10	35-SMP073-SB02-01	.5/200	1		09/29/06 12:13
30	EL.092906.121919	L0609540-11	35-SMP073-SB02-02	.5/200	1		09/29/06 12:19
31	EL.092906.122523	L0609540-12	35-SMP074-SB01-01	.5/200	1		09/29/06 12:25
32	EL.092906.123127	L0609540-16	35-SMP074-SB01-02-QC	.5/200	1		09/29/06 12:31
33	EL.092906.123732	L0609540-17	35-SMP074-SB02-01	.51/200	1		09/29/06 12:37
34	EL.092906.124337	L0609540-18	35-SMP074-SB02-02	.507/200	1		09/29/06 12:43
35	EL.092906.124942	WG223757-15	CCV		1		09/29/06 12:49
36	EL.092906.125606	WG223757-16	CCB		1		09/29/06 12:56
37	EL.092906.130230	L0609540-19	35-SMP075-SB01-01	.5/200	1		09/29/06 13:02

Approved: October 02, 2006

KEMRON Environmental Services

Instrument Run Log

00092225

Instrument: ELAN-ICP Dataset: 092906A.REP
Analyst1: JYH Analyst2: N/A
Method: 6020 SOP: ME700 Rev: 3
Maintenance Log ID: 14546

Calibration Std: STD15302 ICV/CCV Std: STD14827 Post Spike: STD15023
ICSA: STD15021 ICSAB: STD14829

Workgroups: 223683,223741,223765

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
38	EL.092906.130835	L0609540-20	35-SMP075-SB01-02	.5/200	1		09/29/06 13:08
39	EL.092906.131441	L0609540-21	35-SMP087-SB01-01	.505/200	1		09/29/06 13:14
40	EL.092906.132048	L0609540-22	35-SMP087-SB01-02	.512/200	1		09/29/06 13:20
41	EL.092906.132654	L0609540-23	35-SMP087-SB02-01	.505/200	1		09/29/06 13:26
42	EL.092906.133300	L0609540-24	35-SMP087-SB02-02	.5/200	1		09/29/06 13:33
43	EL.092906.133903	L0609540-25	35-SMP084-SB01-01	.5/200	1		09/29/06 13:39
44	EL.092906.134507	L0609540-03	35-SMP034-SB02-02	.5/200	5		09/29/06 13:45
45	EL.092906.135249	L0609540-19	35-SMP075-SB01-01	.5/200	10		09/29/06 13:52
46	EL.092906.135924	WG223757-17	CCV		1		09/29/06 13:59
47	EL.092906.140548	WG223757-18	CCB		1		09/29/06 14:05
48	EL.092906.141211	WG223251-02	Method/Prep Blank	.5/200	1		09/29/06 14:12
49	EL.092906.141817	WG223251-03	Laboratory Control S	.5/200	1		09/29/06 14:18
50	EL.092906.142422	WG223251-06	Reference Sample		1	L0609581-09	09/29/06 14:24
51	EL.092906.143028	WG223251-07	Matrix Spike	.5/200	1	L0609581-10	09/29/06 14:30
52	EL.092906.143634	WG223251-08	Matrix Spike Duplica	.5/200	1	L0609581-11	09/29/06 14:36
53	EL.092906.144240	L0609581-01	35-SMP091-SB01-01	.5/200	1		09/29/06 14:42
54	EL.092906.144847	WG223741-01	Post Digestion Spike		1	L0609581-01	09/29/06 14:48
55	EL.092906.145454	WG223741-02	Serial Dilution		5	L0609581-01	09/29/06 14:54
56	EL.092906.150100	WG223757-19	CCV		1		09/29/06 15:01
57	EL.092906.150725	WG223757-20	CCB		1		09/29/06 15:07
58	EL.092906.151348	L0609535-01	35-SMP084-SB02-01	.5/200	1		09/29/06 15:13
59	EL.092906.151952	WG223251-01	Reference Sample		1	L0609535-02	09/29/06 15:19
60	EL.092906.152556	WG223251-04	Matrix Spike	.5/200	1		09/29/06 15:25
61	EL.092906.153201	WG223251-05	Matrix Spike Duplica	.5/200	1		09/29/06 15:32
62	EL.092906.153806	L0609535-03	35-SMP086-SB01-01	.5/200	1		09/29/06 15:38
63	EL.092906.154411	L0609535-04	35-SMP086-SB01-02	.507/200	1		09/29/06 15:44
64	EL.092906.155017	L0609540-26	35-SMP084-SB01-02	.51/200	1		09/29/06 15:50
65	EL.092906.155623	WG223757-21	CCV		1		09/29/06 15:56
66	EL.092906.160247	WG223757-22	CCB		1		09/29/06 16:02
67	EL.092906.161743	L0609581-02	35-SMP091-SB01-02	.514/200	1		09/29/06 16:17
68	EL.092906.162350	L0609581-03	35-SMP093-SB01-01	.5/200	1		09/29/06 16:23
69	EL.092906.162957	L0609581-04	35-SMP093-SB01-02	.504/200	1		09/29/06 16:29
70	EL.092906.163604	L0609581-07	WRSMP005-SB01-01	.5/200	1		09/29/06 16:36
71	EL.092906.164212	L0609581-08	WRSMP005-SB01-02	.531/200	1		09/29/06 16:42
72	EL.092906.164818	L0609581-12	WRSMP005-SB02-02-QC	.519/200	1		09/29/06 16:48
73	EL.092906.165422	L0609581-13	35-SMP050-SB01-01	.505/200	1		09/29/06 16:54
74	EL.092906.170027	L0609581-14	35-SMP050-SB01-02	.5/200	1		09/29/06 17:00

Approved: October 02, 2006

KEMRON Environmental Services

Instrument Run Log

00092226

Instrument: ELAN-ICP Dataset: 092906A.REP
Analyst1: JYH Analyst2: N/A
Method: 6020 SOP: ME700 Rev: 3
Maintenance Log ID: 14546

Calibration Std: STD15302 ICV/CCV Std: STD14827 Post Spike: STD15023
ICSA: STD15021 ICSAB: STD14829

Workgroups: 223683,223741,223765

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
75	EL.092906.170632	WG223757-23	CCV		1		09/29/06 17:06
76	EL.092906.171256	WG223757-24	CCB		1		09/29/06 17:12
77	EL.092906.171919	WG223610-02	Method/Prep Blank	40/100	1		09/29/06 17:19
78	EL.092906.172525	WG223610-03	Laboratory Control S	40/100	1		09/29/06 17:25
79	EL.092906.173130	WG223610-01	Reference Sample		1	L0609657-04	09/29/06 17:31
80	EL.092906.173736	WG223610-04	Matrix Spike	40/100	1		09/29/06 17:37
81	EL.092906.174343	WG223610-05	Matrix Spike Duplica	40/100	1		09/29/06 17:43
82	EL.092906.174949	L0609654-12	WRS-010-CONTENTS	40/100	1		09/29/06 17:49
83	EL.092906.175557	WG223765-01	Post Digestion Spike		1	L0609654-12	09/29/06 17:55
84	EL.092906.180204	WG223765-02	Serial Dilution		5	L0609654-12	09/29/06 18:02
85	EL.092906.180811	WG223757-25	CCV		1		09/29/06 18:08
86	EL.092906.181435	WG223757-26	CCB		1		09/29/06 18:14
87	EL.092906.182100	L0609657-03	1017-GW-092606	40/100	1		09/29/06 18:21
88	EL.092906.182706	L0609658-03	MIP-09-GW-02-0906	40/100	1		09/29/06 18:27
89	EL.092906.183311	L0609658-08	MIP-11-GW-01-0906	40/100	1		09/29/06 18:33
90	EL.092906.183916	L0609676-02	LF6MW10103	40/100	1		09/29/06 18:39
91	EL.092906.184522	L0609676-03	LF7MW10203	40/100	1		09/29/06 18:45
92	EL.092906.185128	L0609676-04	LF7MW10303	40/100	1		09/29/06 18:51
93	EL.092906.185734	L0609676-05	LF6MW0303	40/100	1		09/29/06 18:57
94	EL.092906.190341	L0609676-06	LF7RSA10103	40/100	1		09/29/06 19:03
95	EL.092906.190948	L0609676-07	LF7RSA10303	40/100	1		09/29/06 19:09
96	EL.092906.191554	WG223757-27	CCV		1		09/29/06 19:15
97	EL.092906.192218	WG223757-28	CCB		1		09/29/06 19:22

Approved: October 02, 2006

KEMRON Environmental Services

Instrument Run Log

00092227

Instrument: ELAN-ICP Dataset: 100206B.REP
Analyst1: JYH Analyst2: N/A
Method: 6020 SOP: ME700 Rev: 3
Maintenance Log ID: 14546

Calibration Std: STD15302 ICV/CCV Std: STD14827 Post Spike: STD15023
ICSA: STD15021 ICSAB: STD14829

Workgroups: 223939,223683

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
1	EL.100206.134638	Blank	Blank		1		10/02/06 13:46
2	EL.100206.135240	WG223984-01	Calibration Point		1		10/02/06 13:52
3	EL.100206.135844	WG223984-02	Calibration Point		1		10/02/06 13:58
4	EL.100206.140447	WG223984-03	Calibration Point		1		10/02/06 14:04
5	EL.100206.141052	WG223984-04	Calibration Point		1		10/02/06 14:10
6	EL.100206.141947	WG223984-05	Initial Calibration Verification		1		10/02/06 14:19
7	EL.100206.142611	WG223984-06	Initial Calib Blank		1		10/02/06 14:26
8	EL.100206.143237	WG223984-07	CRQL Check Solid		1		10/02/06 14:32
9	EL.100206.143905	WG223984-08	CRQL Check Water		1		10/02/06 14:39
10	EL.100206.144532	WG223984-09	Interference Check		1		10/02/06 14:45
11	EL.100206.145158	WG223984-10	Interference Check		1		10/02/06 14:51
12	EL.100206.145825	WG223984-11	CCV		1		10/02/06 14:58
13	EL.100206.150448	WG223984-12	CCB		1		10/02/06 15:04
14	EL.100206.151112	WG223374-02	Method/Prep Blank	40/100	1		10/02/06 15:11
15	EL.100206.151615	WG223374-03	Laboratory Control S	40/100	1		10/02/06 15:16
16	EL.100206.152116	WG223374-01	Reference Sample		10	L0609579-04	10/02/06 15:21
17	EL.100206.152615	WG223374-04	Matrix Spike	40/100	10	L0609579-06	10/02/06 15:26
18	EL.100206.153219	WG223374-05	Matrix Spike Duplica	40/100	10	L0609579-08	10/02/06 15:32
19	EL.100206.153824	L0609579-02	LF1MW1B	40/100	10		10/02/06 15:38
20	EL.100206.154430	WG223939-01	Post Digestion Spike		10	L0609579-02	10/02/06 15:44
21	EL.100206.155035	WG223939-02	Serial Dilution		50	L0609579-02	10/02/06 15:50
22	EL.100206.155641	WG223984-13	CCV		1		10/02/06 15:56
23	EL.100206.160305	WG223984-14	CCB		1		10/02/06 16:03
24	EL.100206.160929	L0609579-14	OP1	40/100	10		10/02/06 16:09
25	EL.100206.161535	L0609579-16	DUPE02	40/100	10		10/02/06 16:15
26	EL.100206.162141	L0609601-01	MW011-GW092206D	40/100	1		10/02/06 16:21
27	EL.100206.162748	L0609601-02	MW011-GW092206D	40/100	1		10/02/06 16:27
28	EL.100206.163356	WG223249-01	Reference Sample		5	L0609540-13	10/02/06 16:33
29	EL.100206.164003	WG223249-04	Matrix Spike	.5/200	5	L0609540-14	10/02/06 16:40
30	EL.100206.164610	WG223249-05	Matrix Spike Duplica	.5/200	5	L0609540-15	10/02/06 16:46
31	EL.100206.165215	WG223984-15	CCV		1		10/02/06 16:52
32	EL.100206.165838	WG223984-16	CCB		1		10/02/06 16:58

Approved: October 03, 2006

Microwave Digestion Log

Analyst(s): VC
Date: 9/25/06 7:30
LCS: 0.5mL STD 14864
MS/MSD: 0.5mL STD 14864
Witness: [illegible]
HNO_3 Lot #: RGT 10672
HCl Lot #:
Earliest Sample Due Date: 10/3
Microwave # MW2

Box: B7 R111528

Digestion Work Group: WG 223249

ME407 Revision # ____ Method 3015-Water
ME406 Revision # 8 Method 3051-Soil-Oil

Relinquished By: VC
Digest Received By: AAS Date: 9/25/06

	KEMRON #	Initial Wt/Vol	Final Volume	Initial Weight	Final Weight	Comments	Due Date
1	PBS	0.500g	200mL	17671g	17665g	02	
2	LCS	0.500		17869	17860g	03	
3	09-540-02	0.504		17629	17627		10/3
4	03	0.500		17657	17657		
5	06	0.500		17455	17454		
6	07	0.510		17682	17682		
7	08	0.504		17453	17452		
8	09	0.500		17686	17685		
9	10	0.500		17623	17621		
10	11	0.500		17563	17562		
11	12	0.500		17366	17359		
12	13Rep	0.500		17582	17581	01	
13	14MS	0.500		17455	17453	04	
14	15MSD	0.500		17644	17643	05	
15	16	0.500		17239	17238		
16	17	0.510		17366	17364		
17	18	0.507		17616	17615		
18	19	0.500		17453	17451		
19	20	0.500		17488	17478		
20	21	0.505		17669	17668		
21	22	0.512		17410	17410		
22	23	0.505		17555	17554		
23	24	0.500		17613	17612		
24	25	0.500		17436	17434		
25							
26							
27				VC 9/25/06			
28							
29							
30							

Comments:

Primary Review: Vicki Collins 9/25/06 Secondary Review: 9/25/06

Microwave Digestion Log

Analyst(s): VC
Date: 9/25/06 8:30
LCS: 0.5 mL (STD) 14864
MS/MSD: 0.5 mL (STD) 14864
Witness:
HNO_3 Lot #: RGT 10472
HCl Lot #:
Earliest Sample Due Date: 10/3
Microwave # MW2

Box: 76 R111530

Digestion Work Group: WG 223251

ME407 Revision # ____ Method 3015-Water
ME406 Revision # 8 Method 3051-Soil-Oil

Relinquished By: VC
Digest Received By: [illegible] Date: 9/25/06

	KEMRON #	Initial Wt/Vol	Final Volume	Initial Weight	Final Weight	Comments	Due Date
1	PBS	0.500	200mL	17.726 g	17.725 g	02	
2	LCS	0.500		17.714 g	17.714 g	03	
3	09-535-01	0.500		17.410	17.409		10/3
4	02	0.500		17.606	17.606	01	
5	02 MS	0.500		17.620	17.619	04	
6	02 MSD	0.500		17.661	17.660	05	
7	03	0.500		17.435	17.432		
8	04	0.507		17.586	17.586		
9	540-24	0.510		17.470	17.468		10/3
10	581-01	0.500		17.390	17.389		10/6
11	02	0.514		17.410	17.410		
12	03	0.500		17.633	17.632		
13	04	0.504		17.463	17.463		
14	07	0.500		17.567	17.566		
15	08	0.531		17.454	17.453		
16	09 fg	0.500		17.332	17.330	06	
17	10 MS	0.500		17.660	17.659	07	
18	11 MSD	0.500		17.660	17.657	08	
19	12	0.519		17.482	17.481		
20	13	0.535		17.424	17.423		
21	14	0.500		17.583	17.581		
22							
23							
24			VC 9/25/06				
25							
26							
27							
28							
29							
30							

Comments:

Primary Review: Vicki Colley 9/25/06

Secondary Review: 9/25/06

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092230

Analytical Method: 6020 AAB#: WG223683
Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP034-SB01-02	09/20/06	09/22/06	09/25/06	180	4.70	09/29/06	180	4.15	
35-SMP034-SB02-02	09/20/06	09/22/06	09/25/06	180	4.70	09/29/06	180	4.16	
35-SMP034-SB02-02	09/20/06	09/22/06	09/25/06	180	4.70	09/29/06	180	4.26	
35-SMP111-SB01-01	09/20/06	09/22/06	09/25/06	180	4.71	09/29/06	180	4.18	
35-SMP111-SB01-02	09/20/06	09/22/06	09/25/06	180	4.70	09/29/06	180	4.18	
35-SMP073-SB01-01	09/21/06	09/22/06	09/25/06	180	3.89	09/29/06	180	4.19	
35-SMP073-SB01-02	09/21/06	09/22/06	09/25/06	180	3.89	09/29/06	180	4.19	
35-SMP073-SB02-01	09/21/06	09/22/06	09/25/06	180	3.89	09/29/06	180	4.20	
35-SMP073-SB02-02	09/21/06	09/22/06	09/25/06	180	3.88	09/29/06	180	4.20	
35-SMP074-SB01-01	09/21/06	09/22/06	09/25/06	180	3.92	09/29/06	180	4.21	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.92	09/29/06	180	4.14	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.92	10/02/06	180	7.38	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.92	09/29/06	180	4.14	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.92	10/02/06	180	7.38	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.92	09/29/06	180	4.15	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	180	3.92	10/02/06	180	7.39	
35-SMP074-SB01-02-QC	09/21/06	09/22/06	09/25/06	180	3.92	09/29/06	180	4.21	
35-SMP074-SB02-01	09/21/06	09/22/06	09/25/06	180	3.92	09/29/06	180	4.21	
35-SMP074-SB02-02	09/21/06	09/22/06	09/25/06	180	3.91	09/29/06	180	4.22	
35-SMP075-SB01-01	09/21/06	09/22/06	09/25/06	180	3.95	09/29/06	180	4.23	
35-SMP075-SB01-01	09/21/06	09/22/06	09/25/06	180	3.95	09/29/06	180	4.27	
35-SMP075-SB01-02	09/21/06	09/22/06	09/25/06	180	3.94	09/29/06	180	4.24	
35-SMP087-SB01-01	09/21/06	09/22/06	09/25/06	180	3.92	09/29/06	180	4.24	
35-SMP087-SB01-02	09/21/06	09/22/06	09/25/06	180	3.92	09/29/06	180	4.24	
35-SMP087-SB02-01	09/21/06	09/22/06	09/25/06	180	3.92	09/29/06	180	4.25	
35-SMP087-SB02-02	09/21/06	09/22/06	09/25/06	180	3.90	09/29/06	180	4.25	
35-SMP084-SB01-01	09/21/06	09/22/06	09/25/06	180	3.95	09/29/06	180	4.26	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092231

Analytical Method: 6020 AAB#: WG223741

Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP084-SB01-02	09/21/06	09/22/06	09/25/06	180	3.99	09/29/06	180	4.31	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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KEMRON Environmental Services

00092232

METHOD BLANK SUMMARY

Login Number: L0609540
Work Group: WG223683
Blank File ID: EL.092906.103925
Blank Sample ID: WG223249-02
Date Analyzed: 09/29/06
Instrument ID: ELAN-ICP
Time Analyzed: 10:39
Method: 6020
Analyst: JYH

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223249-03	EL.092906.104528	09/29/06 10:45	01
35-SMP074-SB01-02	L0609540-13	EL.092906.105131	09/29/06 10:51	01
35-SMP074-SB01-02	L0609540-14	EL.092906.105735	09/29/06 10:57	01
35-SMP074-SB01-02	L0609540-15	EL.092906.110338	09/29/06 11:03	01
35-SMP034-SB01-02	L0609540-02	EL.092906.110943	09/29/06 11:09	01
35-SMP034-SB02-02	L0609540-03	EL.092906.111548	09/29/06 11:15	01
35-SMP111-SB01-01	L0609540-06	EL.092906.114855	09/29/06 11:48	01
35-SMP111-SB01-02	L0609540-07	EL.092906.115501	09/29/06 11:55	01
35-SMP073-SB01-01	L0609540-08	EL.092906.120108	09/29/06 12:01	01
35-SMP073-SB01-02	L0609540-09	EL.092906.120712	09/29/06 12:07	01
35-SMP073-SB02-01	L0609540-10	EL.092906.121315	09/29/06 12:13	01
35-SMP073-SB02-02	L0609540-11	EL.092906.121919	09/29/06 12:19	01
35-SMP074-SB01-01	L0609540-12	EL.092906.122523	09/29/06 12:25	01
35-SMP074-SB01-02-QC	L0609540-16	EL.092906.123127	09/29/06 12:31	01
35-SMP074-SB02-01	L0609540-17	EL.092906.123732	09/29/06 12:37	01
35-SMP074-SB02-02	L0609540-18	EL.092906.124337	09/29/06 12:43	01
35-SMP075-SB01-01	L0609540-19	EL.092906.130230	09/29/06 13:02	01
35-SMP075-SB01-02	L0609540-20	EL.092906.130835	09/29/06 13:08	01
35-SMP087-SB01-01	L0609540-21	EL.092906.131441	09/29/06 13:14	01
35-SMP087-SB01-02	L0609540-22	EL.092906.132048	09/29/06 13:20	01
35-SMP087-SB02-01	L0609540-23	EL.092906.132654	09/29/06 13:26	01
35-SMP087-SB02-02	L0609540-24	EL.092906.133300	09/29/06 13:33	01
35-SMP084-SB01-01	L0609540-25	EL.092906.133903	09/29/06 13:39	01
35-SMP034-SB02-02	L0609540-03	EL.092906.134507	09/29/06 13:45	DL01
35-SMP075-SB01-01	L0609540-19	EL.092906.135249	09/29/06 13:52	DL01
35-SMP074-SB01-02	L0609540-13	EL.100206.163356	10/02/06 16:33	DL01
35-SMP074-SB01-02	L0609540-14	EL.100206.164003	10/02/06 16:40	DL01
35-SMP074-SB01-02	L0609540-15	EL.100206.164610	10/02/06 16:46	DL01

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KEMRON Environmental Services

METHOD BLANK SUMMARY

00092233

Login Number: L0609540
Work Group: WG223741
Blank File ID: EL.092906.141211
Blank Sample ID: WG223251-02
Date Analyzed: 09/29/06
Instrument ID: ELAN-ICP
Time Analyzed: 14:12
Method: 6020
Analyst: JYH

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223251-03	EL.092906.141817	09/29/06 14:18	01
35-SMP084-SB01-02	L0609540-26	EL.092906.155017	09/29/06 15:50	01

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KEMRON Environmental Services

METHOD BLANK REPORT

00092234

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223249-02
Instrument ID: ELAN-ICP Run Time: 10:39 Prep Method: 3051
File ID: EL.092906.103925 Analyst: JYH Method: 6020
Workgroup (AAB#): WG223683 Matrix: Soil Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: ELAN-I-29-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Arsenic, Total	0.0750	0.300	0.0750	1	U
Lead, Total	0.100	0.200	0.100	1	U
Antimony, Total	0.0500	0.100	0.0500	1	U
Selenium, Total	0.100	0.200	0.100	1	U
Thallium, Total	0.0100	0.0200	0.0100	1	U

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

KEMRON FORMS - Modified 09/27/2006
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KEMRON Environmental Services

METHOD BLANK REPORT

00092235

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223251-02
Instrument ID: ELAN-ICP Run Time: 14:12 Prep Method: 3051
File ID: EL.092906.141211 Analyst: JYH Method: 6020
Workgroup (AAB#): WG223741 Matrix: Soil Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: ELAN-I-29-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Arsenic, Total	0.0750	0.300	0.0750	1	U
Lead, Total	0.100	0.200	0.100	1	U
Antimony, Total	0.0500	0.100	0.0500	1	U
Selenium, Total	0.100	0.200	0.100	1	U
Thallium, Total	0.0100	0.0200	0.0100	1	U

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 581050
Report generated 10/03/2006 08:21

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092236

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223249-03
Instrument ID: ELAN-ICP Run Time: 10:45 Prep Method: 3051
File ID: EL.092906.104528 Analyst: JYH Method: 6020
Workgroup (AAB#): WG223683 Matrix: Solid Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: ELAN-I-29-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Arsenic, Total	10.0	10.0	100	80 - 120	
Lead, Total	10.0	10.1	101	80 - 120	
Antimony, Total	10.0	9.72	97.2	80 - 120	
Selenium, Total	10.0	10.1	101	80 - 120	
Thallium, Total	10.0	10.4	104	80 - 120	

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 581051
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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092237

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223251-03
Instrument ID: ELAN-ICP Run Time: 14:18 Prep Method: 3051
File ID: EL.092906.141817 Analyst: JYH Method: 6020
Workgroup (AAB#): WG223741 Matrix: Solid Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: ELAN-I-29-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Arsenic, Total	10.0	10.2	102	80 - 120	
Lead, Total	10.0	10.7	107	80 - 120	
Antimony, Total	10.0	9.92	99.2	80 - 120	
Selenium, Total	10.0	9.98	99.8	80 - 120	
Thallium, Total	10.0	10.8	108	80 - 120	

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 581051
Report generated 10/03/2006 08:21

KEMRON Environmental Services

MS/MSD REPORT

00092238

Loginnum:L0609540 Cal ID: ELAN-ICP-29-SEP-06 Worknum:WG223683
Instrument ID:ELAN-ICP Contract #:DACA56-94-D-0020 Prep Method:3051
Parent ID:L0609540-13 File ID:EL.092906.105131 Dil:1 Method:6020
Sample ID:L0609540-14 MS File ID:EL.092906.105735 Dil:1 Matrix:Soil
Sample ID:L0609540-15 MSD File ID:EL.092906.110338 Dil:1 Units:mg/kg
Percent Solid:87.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Arsenic, Total	1.51	11.4	10.9	82.8	11.4	10.3	77.2	5.92	75 - 125	20	
Antimony, Total	0.102	11.4	0.545	3.89	11.4	0.455	3.10	18.0	75 - 125	20	*
Selenium, Total	0.291	11.4	8.83	75.0	11.4	8.73	74.1	1.17	75 - 125	20	*

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 07/13/2006
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KEMRON Environmental Services

MS/MSD REPORT

00092239

Loginnum:L0609540 Cal ID: ELAN-ICP-02-OCT-06 Worknum:WG223683
Instrument ID:ELAN-ICP Contract #:DACA56-94-D-0020 Prep Method:3051
Parent ID:L0609540-13 File ID:EL.100206.163356 Dil:5 Method:6020
Sample ID:L0609540-14 MS File ID:EL.100206.164003 Dil:5 Matrix:Soil
Sample ID:L0609540-15 MSD File ID:EL.100206.164610 Dil:5 Units:mg/kg
Percent Solid:87.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Lead, Total	8.42	11.4	23.0	128	11.4	18.4	87.5	22.3	75 - 125	20	*#
Thallium, Total	0.0754	11.4	12.9	113	11.4	11.7	102	9.87	75 - 125	20	

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 07/13/2006
Version 1.5 PDF File ID: 581052
Report generated 10/03/2006 08:22

KEMRON Environmental Services

MATRIX SPIKE AND MATRIX SPIKE DUP (MS/MSD)

00092240

Loginnum:L0609540 Cal ID: ELAN-ICP- Worknum:WG223741
Instrument ID:ELAN-ICP Contract #:DACA56-94-D-0020 Method:6020
Parent ID:WG223251-01 File ID:EL.092906.151952 Dil:1 Matrix:SOLID
Sample ID:WG223251-04 MS File ID:EL.092906.152556 Dil:1 Units:mg/kg
Sample ID:WG223251-05 MSD File ID:EL.092906.153201 Dil:1 Percent Solid:81.7

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Antimony, Total	ND	12.2	4.04	33.0	12.2	4.13	33.8	2.16	75 - 125	20	*
Arsenic, Total	2.52	12.2	14.0	93.7	12.2	12.3	79.9	12.8	75 - 125	20	
Lead, Total	14.5	12.2	27.9	109	12.2	31.1	136	11.0	75 - 125	20	*
Selenium, Total	0.258	12.2	9.95	79.2	12.2	8.94	70.9	10.7	75 - 125	20	*
Thallium, Total	0.0868	12.2	13.5	110	12.2	13.8	112	1.90	75 - 125	20	

* FAILS %REC LIMIT

FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

KEMRON FORMS - Modified 03/16/2006
Version 1.5 PDF File ID: 581053
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KEMRON Environmental Services

MATRIX SPIKE AND MATRIX SPIKE DUP (MS/MSD)

00092241

Loginnum:L0609540 Cal ID: ELAN-ICP- Worknum:WG223741
Instrument ID:ELAN-ICP Contract #:DACA56-94-D-0020 Method:6020
Parent ID:WG223251-06 File ID:EL.092906.142422 Dil:1 Matrix:SOLID
Sample ID:WG223251-07 MS File ID:EL.092906.143028 Dil:1 Units:mg/kg
Sample ID:WG223251-08 MSD File ID:EL.092906.143634 Dil:1 Percent Solid:79.8

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Antimony, Total	0.0758	12.5	3.70	28.9	12.5	2.89	22.4	24.6	75 - 125	20	*
Arsenic, Total	1.77	12.5	13.7	95.1	12.5	13.6	94.5	0.480	75 - 125	20	
Lead, Total	11.9	12.5	25.8	111	12.5	27.0	120	4.31	75 - 125	20	
Selenium, Total	0.247	12.5	9.85	76.6	12.5	10.2	79.4	3.51	75 - 125	20	
Thallium, Total	0.107	12.5	13.3	105	12.5	13.7	108	2.89	75 - 125	20	

* FAILS %REC LIMIT

FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

KEMRON FORMS - Modified 03/16/2006
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Sample Login ID: L0609540 Worknum: WG223683
Instrument ID: ELAN-ICP Method: 6020
Sample ID: L0609540-02 File ID: EL.092906.110943 Dil: 1 Units: ug/kg
Serial Dilution ID: WG223683-02 File ID: EL.092906.113002 Dil: 5

Analyte	Sample	C	Serial Dilution	C	% Difference	Q
Antimony	0	U	0	U		
Arsenic	3.15	X	3.34	F	6.03	
Lead	18.8	X	19.3	X	2.66	
Selenium	0.627	X	0	U	100	
Thallium	0.202	X	0	U	100	

U = Result is below MDL
F = Result is between MDL and RL
X = Result is greater than RL and less than 100 times the MDL
E = %D exceeds control limit of 10% and initial
sample result is greater than or equal to 100 times the MDL

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KEMRON ENVIRONMENTAL SERVICES
SERIAL DILUTION REPORT

00092243

Sample Login ID: L0609540 Worknum: WG223741
Instrument ID: ELAN-ICP Method: 6020
Sample ID: L0609581-01 File ID: EL.092906.144240 Dil: 1 Units: ug/kg
Serial Dilution ID: WG223741-02 File ID: EL.092906.145454 Dil: 5

Analyte	Sample	C	Serial Dilution	C	% Difference	Q
Antimony	0	U	0	U		
Arsenic	4.54	X	5.05	X	11.2	
Lead	16.7	X	16.5	X	1.20	
Selenium	0.627	X	0	U	100	
Thallium	0.334	X	0	U	100	

U = Result is below MDL
F = Result is between MDL and RL
X = Result is greater than RL and less than 100 times the MDL
E = %D exceeds control limit of 10% and initial
sample result is greater than or equal to 100 times the MDL

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KEMRON ENVIRONMENTAL SERVICES
POST SPIKE REPORT

00092244

Sample Login ID:L0609540 Worknum:WG223683
Instrument ID:ELAN-ICP Method:6020
Post Spike ID: WG223683-01 File ID:EL.092906.112357 Dil:1 Units:ug/kg
Sample ID: L0609540-02 File ID:EL.092906.110943 Dil:1 Matrix:Soil

Analyte	Control Limit %R	Post Spike Result	C	Sample Result	C	Spike Added(SA)	% R	Q
ANTIMONY	75 - 125	54.0		0	U	50.0	108	
ARSENIC	75 - 125	54.2		3.15		50.0	102	
LEAD	75 - 125	77.4		18.8		50.0	117	
SELENIUM	75 - 125	47.9		0.627		50.0	94.5	
THALLIUM	75 - 125	59.0		0.202		50.0	118	

N = % Recoverv exceeds control limits of 75% - 125%
F = Result is between MDL and RL
U = Sample result is below MDL. A value of zero is used in the calculation.

KEMRON FORMS - Modified 09/28/2006
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KEMRON ENVIRONMENTAL SERVICES
POST SPIKE REPORT

00092245

Sample Login ID:L0609540 Worknum:WG223741
Instrument ID:ELAN-ICP Method:6020
Post Spike ID: WG223741-01 File ID:EL.092906.144847 Dil:1 Units:ug/kg
Sample ID: L0609581-01 File ID:EL.092906.144240 Dil:1 Matrix:Soil

Analyte	Control Limit %R	Post Spike Result	C	Sample Result	C	Spike Added(SA)	% R	Q
ANTIMONY	75 - 125	53.7		0	U	50.0	107	
ARSENIC	75 - 125	53.8		4.54		50.0	98.5	
LEAD	75 - 125	71.7		16.7		50.0	110	
SELENIUM	75 - 125	45.5		0.627		50.0	89.7	
THALLIUM	75 - 125	57.5		0.334		50.0	114	

N = % Recoverv exceeds control limits of 75% - 125%
F = Result is between MDL and RL
U = Sample result is below MDL. A value of zero is used in the calculation.

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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092246

Login Number: L0609540 Workgroup (AAB#): WG223683

Analytical Method: 6020 Instrument ID: ELAN-ICP

ICAL Worknum: WG223757 Initial Calibration Date: 29-SEP-2006 09:41

Analyte	WG223757-01		WG223757-02		WG223757-03		WG223757-04			
	STD	INT	STD	INT	STD	INT	STD	INT	R	Q
Antimony	0	1274.27	.4	1237.224	50	155689.83	100	305548.115	0.999887	
Arsenic	0	-117.844	.4	374.716	50	53816.278	100	103940.62	0.999839	
Lead	0	2318.764	.4	10675.006	50	998629.632	100	1923489.909	0.999834	
Selenium	0	-7.826	.4	38.812	50	4855.137	100	9200.639	0.999631	
Thallium	0	22	.4	2435.565	50	289874.116	100	560102.447	0.999852	

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092247

Login Number: L0609540 Workgroup (AAB#): WG223683

Analytical Method: 6020 Instrument ID: ELAN-ICP

ICAL Worknum: WG223984 Initial Calibration Date: 02-OCT-2006 14:10

Analyte	WG223984-01		WG223984-02		WG223984-03		WG223984-04			
	STD	INT	STD	INT	STD	INT	STD	INT	R	Q
Antimony	0	2759.568	.4	2684.002	50	344897.434	100	683639.13	0.999863	
Arsenic	0	-375.081	.4	563.534	50	120391.102	100	234488.887	0.999968	
Lead	0	1588.717	.4	15810.893	50	1728549.705	100	3377122.734	0.999934	
Selenium	0	14.832	.4	98.13	50	11116.3	100	21764.745	0.999931	
Thallium	0	35.667	.4	4246.674	50	522760.455	100	1013544.412	0.999879	

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092248

Login Number: L0609540 Workgroup (AAB#): WG223741

Analytical Method: 6020 Instrument ID: ELAN-ICP

ICAL Worknum: WG223757 Initial Calibration Date: 29-SEP-2006 09:41

Analyte	WG223757-01		WG223757-02		WG223757-03		WG223757-04			
	STD	INT	STD	INT	STD	INT	STD	INT	R	Q
Antimony	0	1274.27	.4	1237.224	50	155689.83	100	305548.115	0.999887	
Arsenic	0	-117.844	.4	374.716	50	53816.278	100	103940.62	0.999839	
Lead	0	2318.764	.4	10675.006	50	998629.632	100	1923489.909	0.999834	
Selenium	0	-7.826	.4	38.812	50	4855.137	100	9200.639	0.999631	
Thallium	0	22	.4	2435.565	50	289874.116	100	560102.447	0.999852	

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

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KEMRON Environmental Services

INITIAL CALIBRATION BLANK (ICB)

00092249

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-06

Instrument ID: ELAN-ICP Run Time: 09:54 Method: 6020

File ID: EL.092906.095424 Analyst: JYH Units: ug/L

Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	-.0023	1	U
Lead	0.250	0.500	-.0815	1	U
Antimony	0.125	0.250	.207	1	F
Selenium	0.250	0.500	-.0799	1	U
Thallium	0.0250	0.0500	-.02	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 10/02/2006
Version 1.5 PDF File ID: 581057
Report generated 10/03/2006 08:22

KEMRON Environmental Services

INITIAL CALIBRATION BLANK (ICB)

00092250

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223984-06
Instrument ID: ELAN-ICP Run Time: 14:26 Method: 6020
File ID: EL.100206.142611 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 02-OCT-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	.0457	1	U
Lead	0.250	0.500	-.0147	1	U
Antimony	0.125	0.250	.19	1	F
Selenium	0.250	0.500	.142	1	U
Thallium	0.0250	0.0500	-.0075	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 10/02/2006
Version 1.5 PDF File ID: 581057
Report generated 10/03/2006 08:22

KEMRON Environmental Services

INITIAL CALIBRATION BLANK (ICB)

00092251

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-06
Instrument ID: ELAN-ICP Run Time: 09:54 Method: 6020
File ID: EL.092906.095424 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	-.0023	1	U
Lead	0.250	0.500	-.0815	1	U
Antimony	0.125	0.250	.207	1	F
Selenium	0.250	0.500	-.0799	1	U
Thallium	0.0250	0.0500	-.02	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 10/02/2006
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Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092252

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-12
Instrument ID: ELAN-ICP Run Time: 10:33 Method: 6020
File ID: EL.092906.103302 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0.0326	1	U
Lead	0.250	0.500	-0.0821	1	U
Antimony	0.125	0.250	0.191	1	F
Selenium	0.250	0.500	0.0437	1	U
Thallium	0.0250	0.0500	-0.0212	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 09/27/2006
Version 2.0 PDF File ID: 581060
Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092253

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-14
Instrument ID: ELAN-ICP Run Time: 11:42 Method: 6020
File ID: EL.092906.114231 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	-0.0119	1	U
Lead	0.250	0.500	-0.0766	1	U
Antimony	0.125	0.250	0.173	1	F
Selenium	0.250	0.500	-0.0620	1	U
Thallium	0.0250	0.0500	-0.0212	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 09/27/2006
Version 2.0 PDF File ID: 581060
Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092254

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-16
Instrument ID: ELAN-ICP Run Time: 12:56 Method: 6020
File ID: EL.092906.125606 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0.0195	1	U
Lead	0.250	0.500	-0.0745	1	U
Antimony	0.125	0.250	0.144	1	F
Selenium	0.250	0.500	0.0564	1	U
Thallium	0.0250	0.0500	-0.0210	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092255

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-18
Instrument ID: ELAN-ICP Run Time: 14:05 Method: 6020
File ID: EL.092906.140548 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0	1	U
Lead	0.250	0.500	-0.0736	1	U
Antimony	0.125	0.250	0.139	1	F
Selenium	0.250	0.500	0.0381	1	U
Thallium	0.0250	0.0500	-0.0201	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 09/27/2006
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Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092256

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223984-12
Instrument ID: ELAN-ICP Run Time: 15:04 Method: 6020
File ID: EL.100206.150448 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 02-OCT-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0.00510	1	U
Lead	0.250	0.500	-0.0160	1	U
Antimony	0.125	0.250	0.185	1	F
Selenium	0.250	0.500	-0.0558	1	U
Thallium	0.0250	0.0500	-0.00720	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 09/27/2006
Version 2.0 PDF File ID: 581060
Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092257

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223984-14
Instrument ID: ELAN-ICP Run Time: 16:03 Method: 6020
File ID: EL.100206.160305 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 02-OCT-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0.0408	1	U
Lead	0.250	0.500	-0.0132	1	U
Antimony	0.125	0.250	0.157	1	F
Selenium	0.250	0.500	0.159	1	U
Thallium	0.0250	0.0500	-0.00200	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 09/27/2006
Version 2.0 PDF File ID: 581060
Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092258

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223984-16
Instrument ID: ELAN-ICP Run Time: 16:58 Method: 6020
File ID: EL.100206.165838 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 02-OCT-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0.0171	1	U
Lead	0.250	0.500	-0.0141	1	U
Antimony	0.125	0.250	0.139	1	F
Selenium	0.250	0.500	0.0484	1	U
Thallium	0.0250	0.0500	-0.00480	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 09/27/2006
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Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092259

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-12
Instrument ID: ELAN-ICP Run Time: 10:33 Method: 6020
File ID: EL.092906.103302 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0.0326	1	U
Lead	0.250	0.500	-0.0821	1	U
Antimony	0.125	0.250	0.191	1	F
Selenium	0.250	0.500	0.0437	1	U
Thallium	0.0250	0.0500	-0.0212	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

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KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092260

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-18
Instrument ID: ELAN-ICP Run Time: 14:05 Method: 6020
File ID: EL.092906.140548 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0	1	U
Lead	0.250	0.500	-0.0736	1	U
Antimony	0.125	0.250	0.139	1	F
Selenium	0.250	0.500	0.0381	1	U
Thallium	0.0250	0.0500	-0.0201	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 09/27/2006
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Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092261

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-20
Instrument ID: ELAN-ICP Run Time: 15:07 Method: 6020
File ID: EL.092906.150725 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0.0381	1	U
Lead	0.250	0.500	-0.0758	1	U
Antimony	0.125	0.250	0.159	1	F
Selenium	0.250	0.500	0.0986	1	U
Thallium	0.0250	0.0500	-0.0183	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 09/27/2006
Version 2.0 PDF File ID: 581060
Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092262

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-22
Instrument ID: ELAN-ICP Run Time: 16:02 Method: 6020
File ID: EL.092906.160247 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Arsenic	0.188	0.750	0.00920	1	U
Lead	0.250	0.500	-0.0745	1	U
Antimony	0.125	0.250	0.155	1	F
Selenium	0.250	0.500	0.00730	1	U
Thallium	0.0250	0.0500	-0.0200	1	U

U = Result is less than MDL
F = Result is between MDL and RL
* = Result is above RL

KEMRON FORMS - Modified 09/27/2006
Version 2.0 PDF File ID: 581060
Report generated 10/03/2006 08:22

KEMRON Environmental Services

INITIAL CALIBRATION VERIFICATION (ICV)

00092263

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-05
Instrument ID: ELAN-ICP Run Time: 09:47 Method: 6020
File ID: EL.092906.094759 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	Q
Arsenic		50	49.0	97.9	90 - 110	
Lead		50	50.8	102	90 - 110	
Antimony		50	48.5	97.0	90 - 110	
Selenium		50	48.7	97.5	90 - 110	
Thallium		50	51.0	102	90 - 110	

* Exceeds LIMITS Limit

KEMRON FORMS - Modified 03/03/2006
Version 1.3 PDF File ID: 581056
Report generated 10/03/2006 08:22

KEMRON Environmental Services

INITIAL CALIBRATION VERIFICATION (ICV)

00092264

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223984-05
Instrument ID: ELAN-ICP Run Time: 14:19 Method: 6020
File ID: EL.100206.141947 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 02-OCT-06

Analyte		Expected	Found	%REC	LIMITS	Q
Arsenic		50	49.4	98.8	90 - 110	
Lead		50	50.3	101	90 - 110	
Antimony		50	49.6	99.2	90 - 110	
Selenium		50	50.0	100	90 - 110	
Thallium		50	50.1	100	90 - 110	

* Exceeds LIMITS Limit

KEMRON FORMS - Modified 03/03/2006
Version 1.3 PDF File ID: 581056
Report generated 10/03/2006 08:22

KEMRON Environmental Services

INITIAL CALIBRATION VERIFICATION (ICV)

00092265

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-05
Instrument ID: ELAN-ICP Run Time: 09:47 Method: 6020
File ID: EL.092906.094759 Analyst: JYH Units: ug/L
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	Q
Arsenic		50	49.0	97.9	90 - 110	
Lead		50	50.8	102	90 - 110	
Antimony		50	48.5	97.0	90 - 110	
Selenium		50	48.7	97.5	90 - 110	
Thallium		50	51.0	102	90 - 110	

* Exceeds LIMITS Limit

KEMRON FORMS - Modified 03/03/2006
Version 1.3 PDF File ID: 581056
Report generated 10/03/2006 08:22

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092266

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-11
Instrument ID: ELAN-ICP Run Time: 10:26 Method: 6020
File ID: EL.092906.102638 Analyst: JYH
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	49.6	99.3	90 - 110	ug/L	
Lead		50.0	49.9	99.9	90 - 110	ug/L	
Antimony		50.0	49.4	98.8	90 - 110	ug/L	
Selenium		50.0	51.3	103	90 - 110	ug/L	
Thallium		50.0	50.6	101	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
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Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092267

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-11
Instrument ID: ELAN-ICP Run Time: 10:26 Method: 6020
File ID: EL.092906.102638 Analyst: JYH
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	49.6	99.3	90 - 110	ug/L	
Lead		50.0	49.9	99.9	90 - 110	ug/L	
Antimony		50.0	49.4	98.8	90 - 110	ug/L	
Selenium		50.0	51.3	103	90 - 110	ug/L	
Thallium		50.0	50.6	101	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 581059
Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092268

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-13
Instrument ID: ELAN-ICP Run Time: 11:36 Method: 6020
File ID: EL.092906.113607 Analyst: JYH
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	49.8	99.5	90 - 110	ug/L	
Lead		50.0	51.0	102	90 - 110	ug/L	
Antimony		50.0	49.3	98.6	90 - 110	ug/L	
Selenium		50.0	50.4	101	90 - 110	ug/L	
Thallium		50.0	51.5	103	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 581059
Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092269

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-15
Instrument ID: ELAN-ICP Run Time: 12:49 Method: 6020
File ID: EL.092906.124942 Analyst: JYH
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	49.6	99.1	90 - 110	ug/L	
Lead		50.0	51.8	104	90 - 110	ug/L	
Antimony		50.0	49.6	99.3	90 - 110	ug/L	
Selenium		50.0	49.5	99.0	90 - 110	ug/L	
Thallium		50.0	52.9	106	90 - 110	ug/L	

* Exceeds LIMITS Criteria

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Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092270

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-17
Instrument ID: ELAN-ICP Run Time: 13:59 Method: 6020
File ID: EL.092906.135924 Analyst: JYH
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	48.9	97.9	90 - 110	ug/L	
Lead		50.0	51.9	104	90 - 110	ug/L	
Antimony		50.0	49.7	99.5	90 - 110	ug/L	
Selenium		50.0	49.1	98.3	90 - 110	ug/L	
Thallium		50.0	52.4	105	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 581059
Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092271

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-17
Instrument ID: ELAN-ICP Run Time: 13:59 Method: 6020
File ID: EL.092906.135924 Analyst: JYH
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	48.9	97.9	90 - 110	ug/L	
Lead		50.0	51.9	104	90 - 110	ug/L	
Antimony		50.0	49.7	99.5	90 - 110	ug/L	
Selenium		50.0	49.1	98.3	90 - 110	ug/L	
Thallium		50.0	52.4	105	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
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Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092272

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-19
Instrument ID: ELAN-ICP Run Time: 15:01 Method: 6020
File ID: EL.092906.150100 Analyst: JYH
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	48.2	96.5	90 - 110	ug/L	
Lead		50.0	52.1	104	90 - 110	ug/L	
Antimony		50.0	49.7	99.4	90 - 110	ug/L	
Selenium		50.0	47.9	95.9	90 - 110	ug/L	
Thallium		50.0	52.6	105	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 581059
Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092273

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-21
Instrument ID: ELAN-ICP Run Time: 15:56 Method: 6020
File ID: EL.092906.155623 Analyst: JYH
Workgroup (AAB#): WG223741 Cal ID: ELAN-I - 29-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	47.3	94.5	90 - 110	ug/L	
Lead		50.0	50.3	101	90 - 110	ug/L	
Antimony		50.0	49.0	98.0	90 - 110	ug/L	
Selenium		50.0	48.0	96.0	90 - 110	ug/L	
Thallium		50.0	51.0	102	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 581059
Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092274

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223984-11
Instrument ID: ELAN-ICP Run Time: 14:58 Method: 6020
File ID: EL.100206.145825 Analyst: JYH
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 02-OCT-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	49.4	98.9	90 - 110	ug/L	
Lead		50.0	48.6	97.1	90 - 110	ug/L	
Antimony		50.0	49.5	99.0	90 - 110	ug/L	
Selenium		50.0	49.3	98.7	90 - 110	ug/L	
Thallium		50.0	48.3	96.5	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 581059
Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092275

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223984-13
Instrument ID: ELAN-ICP Run Time: 15:56 Method: 6020
File ID: EL.100206.155641 Analyst: JYH
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 02-OCT-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	49.2	98.4	90 - 110	ug/L	
Lead		50.0	49.7	99.4	90 - 110	ug/L	
Antimony		50.0	48.2	96.4	90 - 110	ug/L	
Selenium		50.0	50.7	101	90 - 110	ug/L	
Thallium		50.0	49.1	98.2	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 581059
Report generated 10/03/2006 19:00

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092276

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223984-15
Instrument ID: ELAN-ICP Run Time: 16:52 Method: 6020
File ID: EL.100206.165215 Analyst: JYH
Workgroup (AAB#): WG223683 Cal ID: ELAN-I - 02-OCT-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Arsenic		50.0	52.1	104	90 - 110	ug/L	
Lead		50.0	48.6	97.3	90 - 110	ug/L	
Antimony		50.0	51.6	103	90 - 110	ug/L	
Selenium		50.0	53.1	106	90 - 110	ug/L	
Thallium		50.0	48.6	97.2	90 - 110	ug/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 581059
Report generated 10/03/2006 19:00

KEMRON ENVIRONMENTAL SERVICES
INTERFERENCE CHECK SAMPLES

00092277

Login number: L0609540 **Workgroup (AAB#):** WG223683
Instrument ID: ELAN-ICP **Method:** 6020
Sol. A : WG223757-09 **File ID:** EL.092906.101345 **Units:** ug/L
Sol. AB : WG223757-10 **File ID:** EL.092906.102012

	Sol. A			Sol. AB			
ANALYTE	True	Found	%Recovery	True	Found	%Recovery	Q
Antimony	NS	0.0409	NS	100	105	105	
Arsenic	NS	-0.0322	NS	100	103	103	
Lead	NS	0.0264	NS	100	98.1	98.1	
Selenium	NS	-0.0802	NS	100	102	102	
Thallium	NS	-0.0208	NS	100	101	101	

NS = Not spiked
*** = Recovery of spiked element is outside acceptance limit of 80% - 120% of true value.**
 # = Result for unspiked element is outside the acceptance limits of (+/-) the project reporting limit (RL).

KEMRON ENVIRONMENTAL SERVICES
INTERFERENCE CHECK SAMPLES

00092278

Login number: L0609540 **Workgroup (AAB#):** WG223683
Instrument ID: ELAN-ICP **Method:** 6020
Sol. A : WG223984-09 **File ID:** EL.100206.144532 **Units:** ug/L
Sol. AB : WG223984-10 **File ID:** EL.100206.145158

	Sol. A			Sol. AB			
ANALYTE	True	Found	%Recovery	True	Found	%Recovery	Q
Antimony	NS	0.0559	NS	100	106	106	
Arsenic	NS	0.00850	NS	100	108	108	
Lead	NS	0.110	NS	100	97.1	97.1	
Selenium	NS	-0.00700	NS	100	104	104	
Thallium	NS	0.0121	NS	100	98.0	98.0	

NS = Not spiked
*** = Recovery of spiked element is outside acceptance limit of 80% - 120% of true value.**
 # = Result for unspiked element is outside the acceptance limits of (+/-) the project reporting limit (RL).

KEMRON ENVIRONMENTAL SERVICES
INTERFERENCE CHECK SAMPLES

00092279

Login number: L0609540 **Workgroup (AAB#):** WG223741
Instrument ID: ELAN-ICP **Method:** 6020
Sol. A : WG223757-09 **File ID:** EL.092906.101345 **Units:** ug/L
Sol. AB : WG223757-10 **File ID:** EL.092906.102012

	Sol. A			Sol. AB			
ANALYTE	True	Found	%Recovery	True	Found	%Recovery	Q
Antimony	NS	0.0409	NS	100	105	105	
Arsenic	NS	-0.0322	NS	100	103	103	
Lead	NS	0.0264	NS	100	98.1	98.1	
Selenium	NS	-0.0802	NS	100	102	102	
Thallium	NS	-0.0208	NS	100	101	101	

NS = Not spiked
*** = Recovery of spiked element is outside acceptance limit of 80% - 120% of true value.**
 # = Result for unspiked element is outside the acceptance limits of (+/-) the project reporting limit (RL).

KEMRON Environmental Services

CRI SAMPLE

00092280

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-07
Instrument ID: ELAN-ICP Run Time: 10:00 Prep Method: 3051
File ID: EL.092906.100049 Analyst: JYH Method: 6020
Workgroup (AAB#): WG223757 Matrix: Soil Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: ELAN-ICP-29-SEP-2006 09:41

Analytes	Expected	Found	% Rec	Limits	Q
Antimony, Total	0.250	0.282	113	50 - 150	
Thallium, Total	0.0500	0.0315	63.0	50 - 150	

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 581045
Report generated 10/03/2006 09:06

Login Number: L0609540 Run Date: 10/02/2006 Sample ID: WG223984-07
Instrument ID: ELAN-ICP Run Time: 14:32 Prep Method: 3051
File ID: EL.100206.143237 Analyst: JYH Method: 6020
Workgroup (AAB#): WG223984 Matrix: Soil Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: ELAN-ICP-02-OCT-2006 14:10

Analytes	Expected	Found	% Rec	Limits	Q
Antimony, Total	0.250	0.298	119	50 - 150	
Thallium, Total	0.0500	0.0493	98.6	50 - 150	

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 581045
Report generated 10/03/2006 09:06

KEMRON Environmental Services

CRI SAMPLE

00092282

Login Number: L0609540 Run Date: 09/29/2006 Sample ID: WG223757-07
Instrument ID: ELAN-ICP Run Time: 10:00 Prep Method: 3051
File ID: EL.092906.100049 Analyst: JYH Method: 6020
Workgroup (AAB#): WG223757 Matrix: Soil Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: ELAN-ICP-29-SEP-2006 09:41

Analytes	Expected	Found	% Rec	Limits	Q
Antimony, Total	0.250	0.282	113	50 - 150	
Thallium, Total	0.0500	0.0315	63.0	50 - 150	

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 581045
Report generated 10/03/2006 09:06

KEMRON Environmental Services

LINEAR RANGE (QUARTERLY)

00092283

Login Number: L0609540 **Date:** 09/07/2006

Insturment ID: ELAN-ICP **Method:** 6020

Analyte	Integration Time (Sec.)	Concentration (ug/L)
Antimony	1.00	100.0
Arsenic	1.00	100.0
Barium	1.00	100.0
Cadmium	1.00	100.0
Chromium	1.00	100.0
Cobalt	1.00	100.0
Copper	1.00	100.0
Lead	1.00	100.0
Manganese	1.00	100.0
Nickel	1.00	100.0
Selenium	1.00	100.0
Silver	1.00	100.0
Thallium	1.00	100.0
Vanadium	1.00	100.0
Zinc	1.00	100.0

Comments:

KEMRON Environmental Services
Data Checklist

00092284

Date: 25-SEP-2006
Analyst: PAS
Analyst: MMB
Method: 7471A
Instrument: HYDRA
Curve Workgroup: WG223312
Runlog ID: 12452
Analytical Workgroups: WG223272, WG223301

Calibration/Linearity	X
ICV/CCV	X
ICB/CCB	X
ICSA/ICSAB	
CRI	
Blank/LCS	X
MS/MSD	X
Post Spike/Serial Dilution	X
Upload Results	X
Data Qualifiers	
Generate PDF Instrument Data	X
Sign/Annotate PDF Data	X
Upload Curve Data	
Workgroup Forms	
Case Narrative	09-540, 580, 499, 535, 560
Client Forms	X
Level X	
Level 3	09-540, 499, 535
Level 4	09-560
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Primary Reviewer	MMB
Secondary Reviewer	LSB
Comments	

Primary Reviewer:
25-SEP-2006

Secondary Reviewer:
26-SEP-2006

Generated: SEP-26-2006 08:03:58

KEMRON Environmental Services
Data Checklist

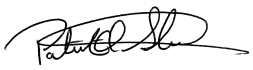
00092285

Date: 26-SEP-2006
Analyst: PAS
Analyst: NA
Method: 7471A
Instrument: HYDRA
Curve Workgroup: 223413
Runlog ID: 12469
Analytical Workgroups: 223379

Calibration/Linearity	X
ICV/CCV	X
ICB/CCB	X
ICSA/ICSAB	
CRI	
Blank/LCS	X
MS/MSD	X
Post Spike/Serial Dilution	X
Upload Results	X
Data Qualifiers	
Generate PDF Instrument Data	X
Sign/Annotate PDF Data	X
Upload Curve Data	
Workgroup Forms	X
Case Narrative	09-540
Client Forms	X
Level X	
Level 3	09-540
Level 4	
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Primary Reviewer	PAS
Secondary Reviewer	LSB
Comments	

Primary Reviewer:

Secondary Reviewer:
28-SEP-2006



Generated: SEP-28-2006 07:58:18

KEMRON Environmental Services

Instrument Run Log

00092286

Instrument: HYDRA Dataset: 092506F.PRN

Analyst1: PAS Analyst2: MMB

Method: 7471A SOP: 405 Rev: 7

Maintenance Log ID: 15809

Calibration Std: STD15299 ICV/CCV Std: STD15300 Post Spike: STD15299

ICSA: N/A ICSAB: N/A

Workgroups: WG223272, WG223301

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
1	HY.092506.153056	WG223312-01	Calibration Point		1		09/25/06 15:30
2	HY.092506.153247	WG223312-02	Calibration Point		1		09/25/06 15:32
3	HY.092506.153424	WG223312-03	Calibration Point		1		09/25/06 15:34
4	HY.092506.153604	WG223312-04	Calibration Point		1		09/25/06 15:36
5	HY.092506.153758	WG223312-05	Calibration Point		1		09/25/06 15:37
6	HY.092506.154057	WG223312-06	Calibration Point		1		09/25/06 15:40
7	HY.092506.154728	WG223312-07	Initial Calibration Verification		1		09/25/06 15:47
8	HY.092506.154904	WG223312-08	Initial Calib Blank		1		09/25/06 15:49
9	HY.092506.155042	WG223312-09	CCV		1		09/25/06 15:50
10	HY.092506.155229	WG223312-10	CCB		1		09/25/06 15:52
11	HY.092506.155416	WG223169-02	Method/Prep Blank	.6/40	1		09/25/06 15:54
12	HY.092506.155605	WG223169-03	Laboratory Control Sample	.6/40	1		09/25/06 15:56
13	HY.092506.155742	WG223169-01	Reference Sample		1		09/25/06 15:57
14	HY.092506.155953	WG223272-01	Post Digestion Spike		1		09/25/06 15:59
15	HY.092506.160250	WG223169-04	Matrix Spike	.64/40	1		09/25/06 16:02
16	HY.092506.160449	WG223169-05	Matrix Spike Duplicate	.64/40	1		09/25/06 16:04
17	HY.092506.160646	L0609540-03	35-SMP034-SB02-02	.631/40	1		09/25/06 16:06
18	HY.092506.160855	L0609540-06	35-SMP111-SB01-01	.638/40	1		09/25/06 16:08
19	HY.092506.161032	L0609540-07	35-SMP111-SB01-02	.638/40	1		09/25/06 16:10
20	HY.092506.161210	L0609540-08	35-SMP073-SB01-01	.621/40	1		09/25/06 16:12
21	HY.092506.161347	WG223312-11	CCV		1		09/25/06 16:13
22	HY.092506.161620	WG223312-12	CCB		1		09/25/06 16:16
23	HY.092506.161803	L0609540-09	35-SMP073-SB01-02		1		09/25/06 16:18
24	HY.092506.162040	L0609580-01	29-01	.622/40	1		09/25/06 16:20
25	HY.092506.162243	WG223272-02	Post Digestion Spike		1		09/25/06 16:22
26	HY.092506.162419	L0609580-02	29-02	.613/40	1		09/25/06 16:24
27	HY.092506.162556	L0609580-03	29-03	.639/40	1		09/25/06 16:25
28	HY.092506.162734	L0609580-04	21-04T	.65/40	1		09/25/06 16:27
29	HY.092506.162912	L0609580-05	21-04P	.611/40	1		09/25/06 16:29
30	HY.092506.163054	L0609580-06	21-05	.634/40	1		09/25/06 16:30
31	HY.092506.163231	L0609580-07	21-06	.64/40	1		09/25/06 16:32
32	HY.092506.163420	L0609580-08	16-07	.65/40	1		09/25/06 16:34
33	HY.092506.163641	WG223312-13	CCV		1		09/25/06 16:36
34	HY.092506.164009	WG223312-14	CCB		1		09/25/06 16:40
35	HY.092506.164148	L0609580-09	16-08	.643/40	1		09/25/06 16:41
36	HY.092506.164339	L0609580-10	TBLANK 92006	.674/40	1		09/25/06 16:43
37	HY.092506.164551	L0609580-11	PBLANK 92006	.624/40	1		09/25/06 16:45

Approved: September 26, 2006

KEMRON Environmental Services

Instrument Run Log

00092287

Instrument: HYDRA Dataset: 092506F.PRN

Analyst1: PAS Analyst2: MMB

Method: 7471A SOP: 405 Rev: 7

Maintenance Log ID: 15809

Calibration Std: STD15299 ICV/CCV Std: STD15300 Post Spike: STD15299

ICSA: N/A ICSAB: N/A

Workgroups: WG223272, WG223301

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
38	HY.092506.164727	L0609580-12	TBLANK 92106	.6/40	1		09/25/06 16:47
39	HY.092506.164925	L0609580-13	PBLANK 92106	.606/40	1		09/25/06 16:49
40	HY.092506.165203	WG223312-15	CCV		1		09/25/06 16:52
41	HY.092506.165340	WG223312-16	CCB		1		09/25/06 16:53
42	HY.092506.165956	L0609540-09	35-SMP073-SB01-02	.621/40	2		09/25/06 16:59
43	HY.092506.170156	WG223272-03	Serial Dilution		10		09/25/06 17:01
44	HY.092506.170353	WG223165-02	Method/Prep Blank	.6/40	1		09/25/06 17:03
45	HY.092506.170554	WG223165-03	Laboratory Control Sample	.6/40	1		09/25/06 17:05
46	HY.092506.170913	L0609499-03	35-SMP116-SB01-01	.6/40	1		09/25/06 17:09
47	HY.092506.171056	WG223301-01	Post Digestion Spike		1		09/25/06 17:10
48	HY.092506.171250	L0609499-04	35-SMP116-SB01-02	.655/40	1		09/25/06 17:12
49	HY.092506.171439	L0609499-05	35-SMP116-SB02-01	.609/40	1		09/25/06 17:14
50	HY.092506.171642	L0609499-06	35-SMP116-SB02-02	.624/40	1		09/25/06 17:16
51	HY.092506.171831	L0609499-11	35-SMP049-SB01-02	.6/40	1		09/25/06 17:18
52	HY.092506.172008	WG223312-17	CCV		1		09/25/06 17:20
53	HY.092506.172158	WG223312-18	CCB		1		09/25/06 17:21
54	HY.092506.172337	L0609499-12	35-SMP088-SB01-01	.62/40	1		09/25/06 17:23
55	HY.092506.172526	L0609499-13	35-SMP088-SB02-02	.6/40	1		09/25/06 17:25
56	HY.092506.172723	L0609499-14	35-SMP088-SB02-01	.6/40	1		09/25/06 17:27
57	HY.092506.172921	WG223165-01	Reference Sample		1		09/25/06 17:29
58	HY.092506.173221	WG223165-04	Matrix Spike	.6/40	1		09/25/06 17:32
59	HY.092506.173419	WG223165-05	Matrix Spike Duplicate	.6/40	1		09/25/06 17:34
60	HY.092506.173556	L0609499-18	35-SMP088-SB01-02-QC	.654/40	1		09/25/06 17:35
61	HY.092506.173756	L0609499-22	35-SMP085-SB01-02	.6/40	1		09/25/06 17:37
62	HY.092506.173934	L0609535-01	35-SMP084-SB02-01	.62/40	1		09/25/06 17:39
63	HY.092506.174113	WG223301-02	Post Digestion Spike		1		09/25/06 17:41
64	HY.092506.174254	WG223312-19	CCV		1		09/25/06 17:42
65	HY.092506.174513	WG223312-20	CCB		1		09/25/06 17:45
66	HY.092506.174742	L0609535-02	35-SMP084-SB02-02	.634/40	1		09/25/06 17:47
67	HY.092506.174936	L0609535-03	35-SMP086-SB01-01	.636/40	1		09/25/06 17:49
68	HY.092506.175133	L0609535-04	35-SMP086-SB01-02	.608/40	1		09/25/06 17:51
69	HY.092506.175311	L0609560-01	1013-SO01-092106		1		09/25/06 17:53
70	HY.092506.175454	WG223301-03	Post Digestion Spike		1		09/25/06 17:54
71	HY.092506.175636	L0609560-02	1013-SO02-092106	.614/40	1		09/25/06 17:56
72	HY.092506.175814	WG223312-21	CCV		1		09/25/06 17:58
73	HY.092506.180002	WG223312-22	CCB		1		09/25/06 18:00
74	HY.092506.182611	L0609560-01	1013-SO01-092106	.603/40	5		09/25/06 18:26

Approved: September 26, 2006

KEMRON Environmental Services

Instrument Run Log

00092288

Instrument: HYDRA Dataset: 092506F.PRN

Analyst1: PAS Analyst2: MMB

Method: 7471A SOP: 405 Rev: 7

Maintenance Log ID: 15809

Calibration Std: STD15299 ICV/CCV Std: STD15300 Post Spike: STD15299

ICSA: N/A ICSAB: N/A

Workgroups: WG223272, WG223301

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
75	HY.092506.182842	WG223301-04	Serial Dilution		25		09/25/06 18:28
76	HY.092506.183042	WG223312-23	CCV		1		09/25/06 18:30
77	HY.092506.183241	WG223312-24	CCB		1		09/25/06 18:32

Approved: September 26, 2006

KEMRON Environmental Services

Instrument Run Log

00092289

Instrument: HYDRA Dataset: 092606E.PRN

Analyst1: PAS Analyst2: N/A

Method: 7471A SOP: 405 Rev: 7

Maintenance Log ID: 15809

Calibration Std: STD15321 ICV/CCV Std: STD15322 Post Spike: STD15321

ICSA: N/A ICSAB: N/A

Workgroups: 223379

Comments:

Seq.	File ID	Sample	ID	Prep	Dil	Reference	Date/Time
1	HY.092606.134907	WG223413-01	Calibration Point		1		09/26/06 13:49
2	HY.092606.135057	WG223413-02	Calibration Point		1		09/26/06 13:50
3	HY.092606.135259	WG223413-03	Calibration Point		1		09/26/06 13:52
4	HY.092606.135458	WG223413-04	Calibration Point		1		09/26/06 13:54
5	HY.092606.135706	WG223413-05	Calibration Point		1		09/26/06 13:57
6	HY.092606.135859	WG223413-06	Calibration Point		1		09/26/06 13:58
7	HY.092606.140037	WG223413-07	Initial Calibration Verification		1		09/26/06 14:00
8	HY.092606.140243	WG223413-08	Initial Calib Blank		1		09/26/06 14:02
9	HY.092606.140425	WG223413-09	CCV		1		09/26/06 14:04
10	HY.092606.140716	WG223413-10	Initial Calibration Verification		1		09/26/06 14:07
11	HY.092606.140902	WG223413-11	Initial Calib Blank		1		09/26/06 14:09
12	HY.092606.141044	WG223413-12	CCV		1		09/26/06 14:10
13	HY.092606.141223	WG223413-13	CCB		1		09/26/06 14:12
14	HY.092606.141403	WG223269-02	Method/Prep Blank	.6/40	1		09/26/06 14:14
15	HY.092606.141601	WG223269-03	Laboratory Control S	.6/40	1		09/26/06 14:16
16	HY.092606.141738	L0609540-10	35-SMP073-SB02-01	.66/40	1		09/26/06 14:17
17	HY.092606.141915	WG223379-01	Post Digestion Spike		1	L0609540-10	09/26/06 14:19
18	HY.092606.142052	L0609540-11	35-SMP073-SB02-02	.606/40	1		09/26/06 14:20
19	HY.092606.142241	L0609540-12	35-SMP074-SB01-01	.6/40	1		09/26/06 14:22
20	HY.092606.142438	WG223269-01	Reference Sample		1	L0609540-13	09/26/06 14:24
21	HY.092606.142628	WG223269-04	Matrix Spike	.6/40	1	L0609540-14	09/26/06 14:26
22	HY.092606.142806	WG223269-05	Matrix Spike Duplica	.6/40	1	L0609540-15	09/26/06 14:28
23	HY.092606.142957	L0609540-16	35-SMP074-SB01-02-QC	.6/40	1		09/26/06 14:29
24	HY.092606.143135	WG223413-14	CCV		1		09/26/06 14:31
25	HY.092606.143354	WG223413-15	CCB		1		09/26/06 14:33
26	HY.092606.143557	L0609540-17	35-SMP074-SB02-01	.619/40	1		09/26/06 14:35
27	HY.092606.143755	L0609540-18	35-SMP074-SB02-02	.633/40	1		09/26/06 14:37
28	HY.092606.144014	L0609540-19	35-SMP075-SB01-01	.646/40	1		09/26/06 14:40
29	HY.092606.144152	L0609540-20	35-SMP075-SB01-02	.604/40	1		09/26/06 14:41
30	HY.092606.144329	L0609540-21	35-SMP087-SB01-01	.611/40	1		09/26/06 14:43
31	HY.092606.144516	L0609540-22	35-SMP087-SB01-02	.623/40	1		09/26/06 14:45
32	HY.092606.144656	L0609540-23	35-SMP087-SB02-01	.61/40	1		09/26/06 14:46
33	HY.092606.144835	L0609540-24	35-SMP087-SB02-02	.6/40	1		09/26/06 14:48
34	HY.092606.145023	L0609540-25	35-SMP084-SB01-01	.638/40	1		09/26/06 14:50
35	HY.092606.145217	L0609540-26	35-SMP084-SB01-02	.642/40	1		09/26/06 14:52
36	HY.092606.145406	WG223413-16	CCV		1		09/26/06 14:54
37	HY.092606.145554	WG223413-17	CCB		1		09/26/06 14:55

Approved: September 28, 2006

Mercury Digestion Log

Analyst(s): RM
Date: 9/23/06
LCS: 4ml STD 15292
MS/MSD: 4 ml STD 15292
Witness: VC
H_2SO_4 Lot #: N/A
$K2S_2O_8$ Lot #: N/A
$KMNO_4$ Lot #: PLT 10700
HNO_3 Lot #: N/A
Aqua Regia: PLT 10691
Earliest Sample Due Date: 9/26
ICV / CCV: STD 15300
Stds: ~~0, 0.2, 1, 2, 5, 10:~~ STD 15294 & 15299

Box: 03

Digestion Work Group: WG 223169

ME404 Revision # ___ - Method 7470A-Water
ME405 Revision # 7 - Method 7471A-Soil

Hot Block Temperature at start: 95.8 @ 1230
Hot Block Temperature at end: 96.2 @ 1300

Relinquished By: RM
Digest Received By: N/A Date: 9/23/06

	KEMRON #	Initial Wt/Vol	Final Volume	Comments	Due Date
1	MBS	0.6005	40ml	-02	
2	LSS	1		-03	
3	06-540-02	0.640		-01	10/3
4	-02 MS	1		-04	
5	-02 MSD	1		-05	
6	-03	0.631			
7	-06	0.638			
8	-07	0.638			
9	-08	0.621			
10	-09	0.621			
11	06-580-01	0.622			9/26
12	-02	0.613			
13	-03	0.639			
14	-04	0.650			
15	-05	0.611			
16	-06	0.634			
17	-07	0.640			
18	-08	0.650			
19	-09	0.643			
20	-10	0.674			
21	-11	0.624			
22	-12	0.600			
23	-13	0.606			
24		0		9/23/06	
25					

Comments: ___

Primary Review: RM 9/23/06 Secondary Review: Vicki Collins 9/23/06

Mercury Digestion Log

Analyst(s): PAS
Date: 9/25/06
LCS: 4 ml STD 15314
MS/MSD: 4 ml STD 15314
Witness: _____
H_2SO_4 Lot #: N/A
$K2S_2O_8$ Lot #: N/A
$KMNO_4$ Lot #: PGT 10700
HNO_3 Lot #: N/A
Aqua Regia: PGT 10691
Earliest Sample Due Date: 10/3/06
ICV / CCV: STD 15322
Stds: 0, 0.2, 1, 2, 5, 10: STD 15316 & 15321

Box: 49

Digestion Work Group: WG 223269

ME404 Revision # ____ - Method 7470A-Water
ME405 Revision # 7 - Method 7471A-Soil

Hot Block Temperature at start: 96.5°C @ 1320
Hot Block Temperature at end: 94.6°C @ 1350

Relinquished By: _____
Digest Received By: PAS Date: 9/25/06

	KEMRON #	Initial Wt/Vol	Final Volume	Comments	Due Date
1	PDS	0.600g	40ml	-02	
2	LCS	1		-03	
3	06-540-10	0.660			10/3
4	-11	0.606			
5	-12	0.600			
6	-13 Ref	0.600		-01	
7	-14 MS	1		-04	
8	-15 MSD	1		-05	
9	-16	0.600			
10	-17	0.619			
11	-18	0.633			
12	-19	0.646			
13	-20	0.604			
14	-21	0.611			
15	-22	0.623			
16	-23	0.610			
17	-24	0.600			
18	-25	0.638			
19	-26	0.642			
20					
21					
22					
23					
24					
25					

9/25/06

Comments: _____

Primary Review: 9/25/06 Secondary Review: _____

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092292

Analytical Method: 7471A AAB#: WG223272
Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP034-SB01-02	09/20/06	09/22/06	09/23/06	28	2.91	09/25/06	28	2.14	
35-SMP034-SB02-02	09/20/06	09/22/06	09/23/06	28	2.91	09/25/06	28	2.15	
35-SMP111-SB01-01	09/20/06	09/22/06	09/23/06	28	2.92	09/25/06	28	2.15	
35-SMP111-SB01-02	09/20/06	09/22/06	09/23/06	28	2.91	09/25/06	28	2.15	
35-SMP073-SB01-01	09/21/06	09/22/06	09/23/06	28	2.10	09/25/06	28	2.15	
35-SMP073-SB01-02	09/21/06	09/22/06	09/23/06	28	2.10	09/25/06	28	2.19	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092293

Analytical Method: 7471A AAB#: WG223379
Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP073-SB02-01	09/21/06	09/22/06	09/25/06	28	4.13	09/26/06	28	1.04	
35-SMP073-SB02-02	09/21/06	09/22/06	09/25/06	28	4.12	09/26/06	28	1.04	
35-SMP074-SB01-01	09/21/06	09/22/06	09/25/06	28	4.16	09/26/06	28	1.04	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	28	4.16	09/26/06	28	1.04	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	28	4.16	09/26/06	28	1.05	
35-SMP074-SB01-02	09/21/06	09/22/06	09/25/06	28	4.16	09/26/06	28	1.05	
35-SMP074-SB01-02-QC	09/21/06	09/22/06	09/25/06	28	4.16	09/26/06	28	1.05	
35-SMP074-SB02-01	09/21/06	09/22/06	09/25/06	28	4.16	09/26/06	28	1.05	
35-SMP074-SB02-02	09/21/06	09/22/06	09/25/06	28	4.16	09/26/06	28	1.05	
35-SMP075-SB01-01	09/21/06	09/22/06	09/25/06	28	4.19	09/26/06	28	1.06	
35-SMP075-SB01-02	09/21/06	09/22/06	09/25/06	28	4.18	09/26/06	28	1.06	
35-SMP087-SB01-01	09/21/06	09/22/06	09/25/06	28	4.17	09/26/06	28	1.06	
35-SMP087-SB01-02	09/21/06	09/22/06	09/25/06	28	4.16	09/26/06	28	1.06	
35-SMP087-SB02-01	09/21/06	09/22/06	09/25/06	28	4.16	09/26/06	28	1.06	
35-SMP087-SB02-02	09/21/06	09/22/06	09/25/06	28	4.14	09/26/06	28	1.06	
35-SMP084-SB01-01	09/21/06	09/22/06	09/25/06	28	4.19	09/26/06	28	1.06	
35-SMP084-SB01-02	09/21/06	09/22/06	09/25/06	28	4.19	09/26/06	28	1.06	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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KEMRON Environmental Services

METHOD BLANK SUMMARY

00092294

Login Number: L0609540
Work Group: WG223272
Blank File ID: HY.092506.155416
Blank Sample ID: WG223169-02
Date Analyzed: 09/25/06
Instrument ID: HYDRA
Time Analyzed: 15:54
Method: 7471A
Analyst: PAS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223169-03	HY.092506.155605	09/25/06 15:56	01
35-SMP034-SB01-02	L0609540-02	HY.092506.155742	09/25/06 15:57	01
35-SMP034-SB02-02	L0609540-03	HY.092506.160646	09/25/06 16:06	01
35-SMP111-SB01-01	L0609540-06	HY.092506.160855	09/25/06 16:08	01
35-SMP111-SB01-02	L0609540-07	HY.092506.161032	09/25/06 16:10	01
35-SMP073-SB01-01	L0609540-08	HY.092506.161210	09/25/06 16:12	01
35-SMP073-SB01-02	L0609540-09	HY.092506.165956	09/25/06 16:59	DL01

KEMRON FORMS - Modified 03/06/2006
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KEMRON Environmental Services

METHOD BLANK SUMMARY

00092295

Login Number: L0609540
Work Group: WG223379
Blank File ID: HY.092606.141403
Blank Sample ID: WG223269-02
Date Analyzed: 09/26/06
Instrument ID: HYDRA
Time Analyzed: 14:14
Method: 7471A
Analyst: PAS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223269-03	HY.092606.141601	09/26/06 14:16	01
35-SMP073-SB02-01	L0609540-10	HY.092606.141738	09/26/06 14:17	01
35-SMP073-SB02-02	L0609540-11	HY.092606.142052	09/26/06 14:20	01
35-SMP074-SB01-01	L0609540-12	HY.092606.142241	09/26/06 14:22	01
35-SMP074-SB01-02	L0609540-13	HY.092606.142438	09/26/06 14:24	01
35-SMP074-SB01-02	L0609540-14	HY.092606.142628	09/26/06 14:26	01
35-SMP074-SB01-02	L0609540-15	HY.092606.142806	09/26/06 14:28	01
35-SMP074-SB01-02-QC	L0609540-16	HY.092606.142957	09/26/06 14:29	01
35-SMP074-SB02-01	L0609540-17	HY.092606.143557	09/26/06 14:35	01
35-SMP074-SB02-02	L0609540-18	HY.092606.143755	09/26/06 14:37	01
35-SMP075-SB01-01	L0609540-19	HY.092606.144014	09/26/06 14:40	01
35-SMP075-SB01-02	L0609540-20	HY.092606.144152	09/26/06 14:41	01
35-SMP087-SB01-01	L0609540-21	HY.092606.144329	09/26/06 14:43	01
35-SMP087-SB01-02	L0609540-22	HY.092606.144516	09/26/06 14:45	01
35-SMP087-SB02-01	L0609540-23	HY.092606.144656	09/26/06 14:46	01
35-SMP087-SB02-02	L0609540-24	HY.092606.144835	09/26/06 14:48	01
35-SMP084-SB01-01	L0609540-25	HY.092606.145023	09/26/06 14:50	01
35-SMP084-SB01-02	L0609540-26	HY.092606.145217	09/26/06 14:52	01

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 576299
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KEMRON Environmental Services

METHOD BLANK REPORT

00092296

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223169-02
Instrument ID: HYDRA Run Time: 15:54 Prep Method: METHOD
File ID: HY.092506.155416 Analyst: PAS Method: 7471A
Workgroup (AAB#): WG223272 Matrix: Solid Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: HYDRA-25-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Mercury, Total	0.0100	0.250	0.0100	1	U

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

KEMRON FORMS - Modified 07/21/2006
Version 1.5 PDF File ID: 576300
Report generated 09/26/2006 15:21

KEMRON Environmental Services

METHOD BLANK REPORT

00092297

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223269-02
Instrument ID: HYDRA Run Time: 14:14 Prep Method: METHOD
File ID: HY.092606.141403 Analyst: PAS Method: 7471A
Workgroup (AAB#): WG223379 Matrix: Solid Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: HYDRA-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Mercury, Total	0.0100	0.250	0.0100	1	U

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

KEMRON FORMS - Modified 07/21/2006
Version 1.5 PDF File ID: 576300
Report generated 09/26/2006 15:21

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092298

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223169-03
Instrument ID: HYDRA Run Time: 15:56 Prep Method: METHOD
File ID: HY.092506.155605 Analyst: PAS Method: 7471A
Workgroup (AAB#): WG223272 Matrix: Solid Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: HYDRA-25-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Mercury, Total	0.267	0.289	108	80 - 120	

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 576301
Report generated 09/26/2006 15:21

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092299

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223269-03
Instrument ID: HYDRA Run Time: 14:16 Prep Method: METHOD
File ID: HY.092606.141601 Analyst: PAS Method: 7471A
Workgroup (AAB#): WG223379 Matrix: Solid Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: HYDRA-26-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Mercury, Total	0.267	0.258	96.8	80 - 120	

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 576301
Report generated 09/26/2006 15:21

KEMRON Environmental Services

MS/MSD REPORT

00092300

Loginnum:L0609540 Cal ID:HYDRA-26-SEP-06 Worknum:WG223379
Instrument ID:HYDRA Contract #:DACA56-94-D-0020 Prep Method:METHOD
Parent ID:L0609540-13 File ID:HY.092606.142438 Dil:1 Method:7471A
Sample ID:L0609540-14 MS File ID:HY.092606.142628 Dil:1 Matrix:Soil
Sample ID:L0609540-15 MSD File ID:HY.092606.142806 Dil:1 Units:mg/kg
Percent Solid:100

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Mercury, Total	ND	0.267	0.287	108	0.267	0.293	110	2.07	75 - 125	25	

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 07/13/2006
Version 1.5 PDF File ID: 577320
Report generated 09/26/2006 15:21

KEMRON Environmental Services

MATRIX SPIKE AND MATRIX SPIKE DUP (MS/MSD)

00092301

Loginnum:L0609540 Cal ID:HYDRA- Worknum:WG223272
Instrument ID:HYDRA Contract #:DACA56-94-D-0020 Method:7471A
Parent ID:WG223169-01 File ID:HY.092506.155742 Dil:1 Matrix:SOLID
Sample ID:WG223169-04 MS File ID:HY.092506.160250 Dil:1 Units:mg/kg
Sample ID:WG223169-05 MSD File ID:HY.092506.160449 Dil:1 Percent Solid:100

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Mercury, Total	0.0258	0.250	0.280	102	0.250	0.282	102	0.667	75 - 125	25	

* FAILS %REC LIMIT

FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

KEMRON FORMS - Modified 03/16/2006
Version 1.5 PDF File ID: 576302
Report generated 09/26/2006 15:21

KEMRON ENVIRONMENTAL SERVICES
SERIAL DILUTION REPORT

00092302

Sample Login ID: L0609540 Worknum: WG223272
Instrument ID: HYDRA Method: 7471A
Sample ID: L0609540-09 File ID: HY.092506.165956 Dil: 2 Units: ug/kg
Serial Dilution ID: WG223272-03 File ID: HY.092506.170156 Dil: 10

Analyte	Sample	C	Serial Dilution	C	% Difference	Q
Mercury	11.0		11.1	F	0.909	

U = Result is below MDL
F = Result is between MDL and RL
X = Result is greater than RL and less than 25 times the MDL
E = %D exceeds control limit of 10% and initial
sample result is greater than or equal to 25 times the MDL

KEMRON FORMS - Modified 02/14/2006
Version 1.3 PDF File ID: 576296
Report generated 09/25/2006 19:55

KEMRON ENVIRONMENTAL SERVICES
POST SPIKE REPORT

00092303

Sample Login ID:L0609540 Worknum:WG223272
Instrument ID:HYDRA Method:7471A
Post Spike ID: WG223272-01 File ID:HY.092506.155953 Dil:1 Units:ug/kg
Sample ID: L0609540-02 File ID:HY.092506.155742 Dil:1 Matrix:Soil

Analyte	Control Limit %R	Post Spike Result	C	Sample Result	C	Spike Added(SA)	% R	Q
MERCURY	85 - 115	1.39	F	0.413	F	1.00	102	

N = % Recoverv exceeds control limits of 85% - 115%
F = Result is between MDL and RL
U = Sample result is below MDL. A value of zero is used in the calculation.

KEMRON FORMS - Modified 02/14/2006
Version 2.0 PDF File ID: 576297
Report generated 09/26/2006 15:21

KEMRON ENVIRONMENTAL SERVICES
POST SPIKE REPORT

00092304

Sample Login ID:L0609540 Worknum:WG223379
Instrument ID:HYDRA Method:7471A
Post Spike ID: WG223379-01 File ID:HY.092606.141915 Dil:1 Units:ug/kg
Sample ID: L0609540-10 File ID:HY.092606.141738 Dil:1 Matrix:Soil

Analyte	Control Limit %R	Post Spike Result	C	Sample Result	C	Spike Added(SA)	% R	Q
MERCURY	85 - 115	4.37		3.69	F	1.00	105	

N = % Recoverv exceeds control limits of 85% - 115%
F = Result is between MDL and RL
U = Sample result is below MDL. A value of zero is used in the calculation.

KEMRON FORMS - Modified 02/14/2006
Version 2.0 PDF File ID: 576297
Report generated 09/26/2006 15:21

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092305

Login Number: L0609540
Analytical Method: 7471A

Instrument ID: HYDRA
Initial Calibration Date: 09/25/2006 15:40
Initial Calibration Time: 15:40

Analyte	WG223312-01		WG223312-02		WG223312-03		WG223312-04		WG223312-05		WG223312-06	
	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT
Mercury	0	2205	0.200	13034	1.00	58950	2.00	120670	5.00	310654	10.0	611809

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
* = Out of Compliance; R < 0.995

KEMRON FORMS - Modified 03/03/2006
Version 1.5 PDF File ID: 576303
Report generated 09/26/2006 15:21

Analyte	R	Q
Mercury	0.9999	

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092307

Login Number: L0609540
Analytical Method: 7471A

Instrument ID: HYDRA
Initial Calibration Date: 09/26/2006 13:58
Initial Calibration Time: 13:58

Analyte	WG223413-01		WG223413-02		WG223413-03		WG223413-04		WG223413-05		WG223413-06	
	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT	STD	INT
Mercury	0	2704	0.200	17610	1.00	56457	2.00	110333	5.00	267037	10.0	527330

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
* = Out of Compliance; R < 0.995

KEMRON FORMS - Modified 03/03/2006
Version 1.5 PDF File ID: 576303
Report generated 09/26/2006 15:21

Analyte	R	Q
Mercury	1.000	

INT = Instrument intensity
R = Coefficient of correlation
Q = Data Qualifier
*** = Out of Compliance; R < 0.995**

KEMRON Environmental Services

INITIAL CALIBRATION BLANK (ICB)

00092309

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-08
Instrument ID: HYDRA Run Time: 15:49 Method: 7471A
File ID: HY.092506.154904 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	-.034	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 576305
Report generated 09/26/2006 15:21

KEMRON Environmental Services

INITIAL CALIBRATION BLANK (ICB)

00092310

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223413-11
Instrument ID: HYDRA Run Time: 14:09 Method: 7471A
File ID: HY.092606.140902 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223379 Cal ID: HYDRA - 26-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	-.057	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 576305
Report generated 09/26/2006 15:21

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092311

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-10
Instrument ID: HYDRA Run Time: 15:52 Method: 7471A
File ID: HY.092506.155229 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	-0.0240	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 09/18/2006
Version 2.0 PDF File ID: 576307
Report generated 09/26/2006 15:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092312

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-12
Instrument ID: HYDRA Run Time: 16:16 Method: 7471A
File ID: HY.092506.161620 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	0.0260	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 09/18/2006
Version 2.0 PDF File ID: 576307
Report generated 09/26/2006 15:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092313

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-14
Instrument ID: HYDRA Run Time: 16:40 Method: 7471A
File ID: HY.092506.164009 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	0.0100	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 09/18/2006
Version 2.0 PDF File ID: 576307
Report generated 09/26/2006 15:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092314

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-16
Instrument ID: HYDRA Run Time: 16:53 Method: 7471A
File ID: HY.092506.165340 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	-0.0300	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 09/18/2006
Version 2.0 PDF File ID: 576307
Report generated 09/26/2006 15:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092315

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-18
Instrument ID: HYDRA Run Time: 17:21 Method: 7471A
File ID: HY.092506.172158 Analyst: MMB Units: ug/L
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	-0.0210	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 09/18/2006
Version 2.0 PDF File ID: 576307
Report generated 09/26/2006 15:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092316

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223413-13
Instrument ID: HYDRA Run Time: 14:12 Method: 7471A
File ID: HY.092606.141223 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223379 Cal ID: HYDRA - 26-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	-0.0770	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 09/18/2006
Version 2.0 PDF File ID: 576307
Report generated 09/26/2006 15:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092317

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223413-15
Instrument ID: HYDRA Run Time: 14:33 Method: 7471A
File ID: HY.092606.143354 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223379 Cal ID: HYDRA - 26-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	-0.0620	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 09/18/2006
Version 2.0 PDF File ID: 576307
Report generated 09/26/2006 15:22

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00092318

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223413-17
Instrument ID: HYDRA Run Time: 14:55 Method: 7471A
File ID: HY.092606.145554 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223379 Cal ID: HYDRA - 26-SEP-06

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Mercury	0.150	3.75	-0.0970	1	U

U = Result is less than MDL
F = Result is between MDL and RL

KEMRON FORMS - Modified 09/18/2006
Version 2.0 PDF File ID: 576307
Report generated 09/26/2006 15:22

KEMRON Environmental Services

INITIAL CALIBRATION VERIFICATION (ICV)

00092319

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-07
Instrument ID: HYDRA Run Time: 15:47 Method: 7471A
File ID: HY.092506.154728 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analyte		Expected	Found	%REC	LIMITS	Q
Mercury		2	2.11	106	90 - 110	

* Exceeds LIMITS Limit

KEMRON FORMS - Modified 03/03/2006
Version 1.3 PDF File ID: 576304
Report generated 09/26/2006 15:21

KEMRON Environmental Services

INITIAL CALIBRATION VERIFICATION (ICV)

00092320

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223413-10
Instrument ID: HYDRA Run Time: 14:07 Method: 7471A
File ID: HY.092606.140716 Analyst: PAS Units: ug/L
Workgroup (AAB#): WG223379 Cal ID: HYDRA - 26-SEP-06

Analyte		Expected	Found	%REC	LIMITS	Q
Mercury		2	1.98	99.0	90 - 110	

* Exceeds LIMITS Limit

KEMRON FORMS - Modified 03/03/2006
Version 1.3 PDF File ID: 576304
Report generated 09/26/2006 15:21

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092321

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-09
Instrument ID: HYDRA Run Time: 15:50 Method: 7471A
File ID: HY.092506.155042 Analyst: PAS
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Mercury, Total		0.00200	0.00208	104	80 - 120	mg/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 08/16/2006
Version 1.3 PDF File ID: 576306
Report generated 09/26/2006 15:21

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092322

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-11
Instrument ID: HYDRA Run Time: 16:13 Method: 7471A
File ID: HY.092506.161347 Analyst: PAS
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Mercury, Total		0.00200	0.00193	96.5	80 - 120	mg/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 08/16/2006
Version 1.3 PDF File ID: 576306
Report generated 09/26/2006 15:21

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092323

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-13
Instrument ID: HYDRA Run Time: 16:36 Method: 7471A
File ID: HY.092506.163641 Analyst: PAS
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Mercury, Total		0.00200	0.00198	99.0	80 - 120	mg/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 08/16/2006
Version 1.3 PDF File ID: 576306
Report generated 09/26/2006 15:21

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092324

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-15
Instrument ID: HYDRA Run Time: 16:52 Method: 7471A
File ID: HY.092506.165203 Analyst: PAS
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Mercury, Total		0.00200	0.00194	97.0	80 - 120	mg/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 08/16/2006
Version 1.3 PDF File ID: 576306
Report generated 09/26/2006 15:21

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092325

Login Number: L0609540 Run Date: 09/25/2006 Sample ID: WG223312-17
Instrument ID: HYDRA Run Time: 17:20 Method: 7471A
File ID: HY.092506.172008 Analyst: MMB
Workgroup (AAB#): WG223272 Cal ID: HYDRA - 25-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Mercury, Total		0.00200	0.00209	105	80 - 120	mg/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 08/16/2006
Version 1.3 PDF File ID: 576306
Report generated 09/26/2006 15:21

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092326

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223413-12
Instrument ID: HYDRA Run Time: 14:10 Method: 7471A
File ID: HY.092606.141044 Analyst: PAS
Workgroup (AAB#): WG223379 Cal ID: HYDRA - 26-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Mercury, Total		0.00200	0.00199	99.5	80 - 120	mg/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 08/16/2006
Version 1.3 PDF File ID: 576306
Report generated 09/26/2006 15:21

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092327

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223413-14
Instrument ID: HYDRA Run Time: 14:31 Method: 7471A
File ID: HY.092606.143135 Analyst: PAS
Workgroup (AAB#): WG223379 Cal ID: HYDRA - 26-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Mercury, Total		0.00200	0.00201	101	80 - 120	mg/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 08/16/2006
Version 1.3 PDF File ID: 576306
Report generated 09/26/2006 15:21

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092328

Login Number: L0609540 Run Date: 09/26/2006 Sample ID: WG223413-16
Instrument ID: HYDRA Run Time: 14:54 Method: 7471A
File ID: HY.092606.145406 Analyst: PAS
Workgroup (AAB#): WG223379 Cal ID: HYDRA - 26-SEP-06

Analyte		Expected	Found	%REC	LIMITS	UNITS	Q
Mercury, Total		0.00200	0.00196	98.0	80 - 120	mg/L	

* Exceeds LIMITS Criteria

KEMRON FORMS - Modified 08/16/2006
Version 1.3 PDF File ID: 576306
Report generated 09/26/2006 15:21

KEMRON Environmental Services
Data Checklist

00092329

Date: 06-OCT-2006
Analyst: JWR
Analyst: NA
Method: CLO4
Instrument: IC1
Curve Workgroup: NA
Runlog ID: 12677
Analytical Workgroups: WG223310

System Performance Check	
Eluent check	X
Initial Calibration	
Average RF	
Linear Reg or Higher Order Curve	10/06/06
Alt Source Check	10/06/06
Continuing Calibration	
Continuing Calibration	X
Client Specific Requirements	X
Blanks	
Quant Report / Chromatogram	X
Spike Compounds	X
MS/MSD	X
Excel Spreadsheet	X
Samples	
TCL Hits	X
Manual Integrations	X
Data Package	
Level 2	
Level 3	L0609540
Level 4	
Primary Reviewer	JWR
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the resonableness of the results	X
Comments: L0609540	LAB DUE 10/03/06
The soil extracts analyzed in this batch were diluted due to their matrix turbidity	
after 0.45 um filtration in order to maintain column pressure below 3000 psi.	
Reporting limits for the diluted samples were raised proportionately to the dilutions	
required.	

Primary Reviewer:
08-OCT-2006
John Richards

Secondary Reviewer:
09-OCT-2006
Michael Cohen

Generated: OCT-09-2006 10:01:50

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092330

Analytical Method: 314.0 AAB#: WG223310

Login Number: L0609540

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
35-SMP066-SB01-02	09/20/06	09/22/06	10/06/06	28	16.1	10/06/06	28	16.1	
35-SMP073-SB01-01	09/21/06	09/22/06	10/06/06	28	15.3	10/06/06	28	15.3	
35-SMP073-SB01-02	09/21/06	09/22/06	10/06/06	28	15.3	10/06/06	28	15.3	
35-SMP073-SB02-01	09/21/06	09/22/06	10/06/06	28	15.4	10/06/06	28	15.4	
35-SMP073-SB02-02	09/21/06	09/22/06	10/06/06	28	15.4	10/06/06	28	15.4	
35-SMP074-SB01-01	09/21/06	09/22/06	10/06/06	28	15.4	10/06/06	28	15.4	
35-SMP074-SB01-02	09/21/06	09/22/06	10/06/06	28	15.4	10/06/06	28	15.4	
35-SMP074-SB01-02	09/21/06	09/22/06	10/06/06	28	15.5	10/06/06	28	15.5	
35-SMP074-SB01-02	09/21/06	09/22/06	10/06/06	28	15.5	10/06/06	28	15.5	
35-SMP074-SB01-02-QC	09/21/06	09/22/06	10/06/06	28	15.5	10/06/06	28	15.5	
35-SMP074-SB02-01	09/21/06	09/22/06	10/06/06	28	15.5	10/06/06	28	15.5	
35-SMP074-SB02-02	09/21/06	09/22/06	10/06/06	28	15.5	10/06/06	28	15.5	
35-SMP075-SB01-01	09/21/06	09/22/06	10/06/06	28	15.6	10/06/06	28	15.6	
35-SMP075-SB01-02	09/21/06	09/22/06	10/06/06	28	15.6	10/06/06	28	15.6	
35-SMP087-SB01-01	09/21/06	09/22/06	10/06/06	28	15.6	10/06/06	28	15.6	
35-SMP087-SB01-02	09/21/06	09/22/06	10/06/06	28	15.6	10/06/06	28	15.6	
35-SMP087-SB02-01	09/21/06	09/22/06	10/06/06	28	15.6	10/06/06	28	15.6	
35-SMP087-SB02-02	09/21/06	09/22/06	10/07/06	28	15.6	10/07/06	28	15.6	
35-SMP084-SB01-01	09/21/06	09/22/06	10/07/06	28	15.7	10/07/06	28	15.7	
35-SMP084-SB01-02	09/21/06	09/22/06	10/07/06	28	15.7	10/07/06	28	15.7	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 589140
Report generated 10/09/2006 15:17

KEMRON Environmental Services

00092331

METHOD BLANK SUMMARY

Login Number: L0609540
Work Group: WG223310
Blank File ID: I1100606.14
Blank Sample ID: WG223310-01
Date Analyzed: 10/06/06
Instrument ID: IC1
Time Analyzed: 16:18
Method: 314.0
Analyst: JWR

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223310-02	I1100606.15	10/06/06 17:20	01
35-SMP066-SB01-02	L0609540-01	I1100606.16	10/06/06 17:40	01
35-SMP073-SB01-01	L0609540-08	I1100606.17	10/06/06 18:01	DL01
35-SMP073-SB01-02	L0609540-09	I1100606.18	10/06/06 18:21	01
35-SMP073-SB02-01	L0609540-10	I1100606.19	10/06/06 18:42	DL01
35-SMP073-SB02-02	L0609540-11	I1100606.20	10/06/06 19:02	DL01
35-SMP074-SB01-01	L0609540-12	I1100606.21	10/06/06 19:22	DL01
35-SMP074-SB01-02	L0609540-13	I1100606.22	10/06/06 19:43	DL01
DUP	WG223310-04	I1100606.23	10/06/06 20:03	DL01
35-SMP074-SB01-02	L0609540-14	I1100606.25	10/06/06 20:44	DL01
35-SMP074-SB01-02	L0609540-15	I1100606.26	10/06/06 21:04	DL01
35-SMP074-SB01-02-QC	L0609540-16	I1100606.27	10/06/06 21:25	DL01
35-SMP074-SB02-01	L0609540-17	I1100606.28	10/06/06 21:45	DL01
35-SMP074-SB02-02	L0609540-18	I1100606.29	10/06/06 22:06	DL01
35-SMP075-SB01-01	L0609540-19	I1100606.30	10/06/06 22:26	DL01
35-SMP075-SB01-02	L0609540-20	I1100606.31	10/06/06 22:47	DL01
35-SMP087-SB01-01	L0609540-21	I1100606.32	10/06/06 23:07	DL01
35-SMP087-SB01-02	L0609540-22	I1100606.33	10/06/06 23:27	DL01
35-SMP087-SB02-01	L0609540-23	I1100606.34	10/06/06 23:48	DL01
35-SMP087-SB02-02	L0609540-24	I1100606.36	10/07/06 00:29	01
35-SMP084-SB01-01	L0609540-25	I1100606.37	10/07/06 00:49	DL01
DUP	WG223310-08	I1100606.38	10/07/06 01:09	DL01
35-SMP084-SB01-02	L0609540-26	I1100606.39	10/07/06 01:30	DL01

KEMRON Environmental Services

METHOD BLANK REPORT

00092332

Login Number: L0609540 Run Date: 10/06/2006 Sample ID: WG223310-01
Instrument ID: IC1 Run Time: 16:18 Prep Method: 314.0
File ID: I1100606.14 Analyst: JWR Method: 314.0
Workgroup (AAB#): WG223310 Matrix: Soil Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: IC1 -

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Perchlorate	5.00	10.0	5.00	1	U

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 589142
Report generated 10/09/2006 15:17

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092333

Login Number: L0609540 Run Date: 10/06/2006 Sample ID: WG223310-02
Instrument ID: IC1 Run Time: 17:20 Prep Method: 314.0
File ID: I1100606.15 Analyst: JWR Method: 314.0
Workgroup (AAB#): WG223310 Matrix: Solid Units: ug/kg
Contract #: DACA56-94-D-0020 Cal ID: IC1 -

Analytes	Expected	Found	% Rec	LCS Limits	Q
Perchlorate	250	234	93.7	85 - 115	

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 589143
Report generated 10/09/2006 15:17

KEMRON Environmental Services

MS/MSD REPORT

00092334

Loginnum:L0609540 Cal ID: IC1- Worknum:WG223310
Instrument ID:IC1 Contract #:DACA56-94-D-0020 Prep Method:314.0
Parent ID:L0609540-13 File ID:I1100606.22 Dil:20 Method:314.0
Sample ID:L0609540-14 MS File ID:I1100606.25 Dil:20 Matrix:Soil
Sample ID:L0609540-15 MSD File ID:I1100606.26 Dil:20 Units:ug/kg

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Perchlorate	ND	250	287	115	250	289	116	0.694	80 - 120	25	

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 07/13/2006
Version 1.5 PDF File ID: 589144
Report generated 10/09/2006 15:17

DUPLICATE (DUP)

00092335

Sample Ref: L0609540-13 Cal ID: IC1 - Worknum: WG223310
Instrument ID: IC1 Method: 314
Sample ID: WG223310-03 File ID: I1100606.22 Dil: 20 Matrix: SOLID
Duplicate ID: WG223310-04 File ID: I1100606.23 Dil: 20 Units: ug/kg

Analyte	Sample	Duplicate	RPD	RPD Limit	Q
Perchlorate	ND	ND	0	25	

FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 589145
Report generated 10/08/2006 19:29

KEMRON Environmental Services

DUPLICATE (DUP)

00092336

Sample Ref: L0609540-25 Cal ID: IC1 - Worknum: WG223310
Instrument ID: IC1 Method: 314
Sample ID: WG223310-07 File ID: I1100606.37 Dil: 4 Matrix: SOLID
Duplicate ID: WG223310-08 File ID: I1100606.38 Dil: 4 Units: ug/kg

Analyte	Sample	Duplicate	RPD	RPD Limit	Q
Perchlorate	ND	ND	0	25	

FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 589145
Report generated 10/08/2006 19:29

Shaw® Shaw Environmental, Inc.
3010 Briarpark Drive, Suite 4N
Houston, TX 77042 (713) 996-4400

CHAIN-OF-CUSTODY

No. 10460

Laboratory Name: Kemron Address: Marietta, OH Contact: S. Mossberg

Project Name: LHAAP Project Location: Karnack, Tx

Project No.: 117591 Project Contact: L. Duty Project Telephone No.: 832-364-0173

Point of contact: Project Manager/Supervisor:

Telephone No.:

Item No.	Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	VOC	SVOC	Explosives	Tx 1005	Perchlorate	Metals		Remarks
1	48-104702	9/20	1430		X	W		2		X				X		Total & Dissolved 48 hr TAT
2	35-Smp066-SB01-01						No Sample									
3	35-Smp066-SB01-02	9/20	1600		X	S	5.0 ft	4	X				X			
4	35-Smp034-SB01-01						No Sample									
5	35-Smp034-SB01-02	9/20	1445		X	S	4.0 ft	4	X		X			X		
6	35-Smp034-SB02-01						No Sample									
7	35-Smp034-SB02-02	9/20	1440		X	S	4.0 ft	4	X		X			X		
8	35-Smp113-SB01-01						No Sample									
9	35-Smp113-SB01-02	9/20	1355		X	S	4.0 ft	4	X			X				
10	35-Smp113-SB02-01						No Sample									

Transfers Relinquished By (Signature)	Date/Time	Transfers Accepted By (Signature)	Date/Time
[signature]	9/21/06 1500	[signature]	
[signature] 9/21/06	1700	UPS	
		Laboratory Brenda Gregory	9/21/06 0945

Special Instructions: Cooler sealed & intact Temp 3 bg

UPS 1Z 401663 22 1005 5787

FedEx Airbill No.:

Sampler's Signature: [signature]

TAT: ____ Standard ____ Rush Due: ___ Seals Intact? ____ Y ____ N Received Good Condition ____ Y ____ N ____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

Shaw® Shaw Environmental, Inc.
3010 Briarpark Drive, Suite 4N
Houston, TX 77042 (713) 996-4400

CHAIN-OF-CUSTODY

No. 10461

Laboratory Name: Kemron Address: Marietta, OH Contact: S. Mossberg

Project Name: LHAAP Project Location: Karnack, Tx

Project No.: 117591 Project Contact: L. Duty Project Telephone No.: 832-364-0173

Point of contact: Project Manager/Supervisor:

Telephone No.

Item No.	Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	VOC	SVOC	Explosives	TX 1005	Perchlorate	Metals		Remarks
								Analysis and Method Desired (Indicate separate containers)								
1	35-Smp 113-SB02-02	9/20	1418		X	S	4.0 ft	4	X			X				
2	35-Smp 111-SB01-01	9/20	1425		X	S	0.5 ft	1						X		
3	35-Smp 111-SB01-02	9/20	1435		X	S	3.5 ft	4	X					X		
4	35-Smp 073-SB01-01	9/21	1005		X	S	0.5 ft	1				X	X	X		
5	35-Smp 073-SB01-02	9/21	1010		X	S	3.0 ft	4	X			X	X	X		
6	35-Smp 073-SB02-01	9/21	1007		X	S	0.5 ft	1				X	X	X		
7	35-Smp 073-SB02-02	9/21	1035		X	S	3.5 ft	4	X			X	X	X		
8	35-Smp 074-SB01-01	9/21	925		X	S	0.5 ft	1		X		X	X	X		
9	35-Smp 074-SB01-02	9/21	932		X	S	4.5 ft	6	X	X		X	X	X		MS/MSD
10	35-Smp 074-SB01-02-QC	9/21	932		X	S	4.5 ft	4	X	X		X	X	X		

Transfers Relinquished By (Signature)	Date/Time	Transfers Accepted By (Signature)	Date/Time
[signature]	9/21/06 1500	[signature]	
[signature]	9/21/06 1720	FedEx	
		Laboratory Brenda Gregory	9/22/06 0945

Special Instructions

FedEx Airbill No.: 1 2401 6632 2005 5787

Sampler's Signature: [signature]

TAT: ____ Standard ____ Rush Due: ___ Seals Intact? ____ Y ____ N Received Good Condition ____ Y ____ N ____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

00092339

Shaw® Shaw Environmental, Inc.

3010 Briarpark Drive, Suite 4N
Houston, TX 77042 (713) 996-4400

CHAIN-OF-CUSTODY

No. 10463

Laboratory Name: Kemron Address: Marietta, OH Contact: S. Mossberg

Project Name LHAAP Project Location Karnack, Tx

Project No. 117591 Project Contact L. Duty Project Telephone No. 832-364-0173

Point of contact: Project Manager/Supervisor:

Telephone No.

Item No.	Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	VOC	SVOC	Tx 1005	Explosives	Metals	Perchlorate	Remarks
1	35-SmpO74-SB02-01	9/21	925		X	S	0.5 ft	1		X	X		X	X	
2	35-SmpO74-SB02-02	9/21	935		X	S	4.5 ft	4	X	X	X		X	X	
3	35-SmpO75-SB01-01	9/21	845		X	S	0.5 ft	1			X		X	X	
4	35-SmpO75-SB01-02	9/21	900	D	X	S	4.5 ft	4	X		X		X	X	
5	35-SmpO87-SB01-01	9/21	~~930~~ 1000		X	S	0.5 ft	1					X	X	
6	35-SmpO87-SB01-02	9/21	930		X	S	3.5 ft	4	X				X	X	
7	35-SmpO87-SB02-01	9/21	930		X	S	0.5 ft	1					X	X	
8	35-SmpO87-SB02-02	9/21	1000		X	S	3.5 ft	4	X				X	X	
9	35-SmpO84-SB01-01	9/21	8:40		X	S	0.5 ft	1					X	X	
10	35-SmpO84-SB01-02	9/21	8:50		X	S	2.5 ft	4	X				X	X	

Transfers Relinquished By (Signature)	Date/Time	Transfers Accepted By (Signature)	Date/Time
Susan Allen	9/21/06 1600		
	9/21/06 1730	UPS	
		Laboratory Brenda Gregory	9/22/06 0945

Special Instructions

UPS 1Z401663221005 5787

FedEx Airbill No.:

Sampler's Signature Susan Allen

TAT: ____ Standard ____ Rush Due: ___ Seals Intact? ____ Y ____ N Received Good Condition ____ Y ____ N ____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

00092340

Shaw® Shaw Environmental, Inc.

3010 Briarpark Drive, Suite 4N
Houston, TX 77042 (713) 996-4400

CHAIN-OF-CUSTODY

Site 29

No. 10465

Laboratory Name: Kemron Address: Marietta, OH Contact: S. Mossberg

Project Name LHAAP Project Location Karnack, Tx

Project No. 117591 Project Contact L. Duty Project Telephone No. 832-364-0173

Point of contact: Project Manager/Supervisor:

Telephone No.

Item No.	Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	VOC							Remarks
1	29WW16	9/21	1030		X	W		3	X							
2	TB	9/21	900		X	W		2	X							
3																
4																
5																
6																
7																
8																
9																
10																

Transfers Relinquished By (Signature)	Date/Time	Transfers Accepted By (Signature)	Date/Time
[signature]	9/21/06 1700	UPS	
		Laboratory Brenda Gregory	9/22/06 0945

Special Instructions

UPS 1Z401663221005578 7

~~FedEx~~ Airbill No.:

Sampler's Signature [signature]

TAT: ____ Standard ____ Rush Due: ___ Seals Intact? ____ Y ____ N Received Good Condition ____ Y ____ N ____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

SAMPLE RECEIPT FORM

945

00092341

Date: 9-22-06 Client: SHAW - TX

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

Shipped By: ( ) Fed-Ex (✓) UPS ( )DHL ( ) KEMRON ( ) Client ( ) Other

Opened By: BLG

Logged By: BLG Login # L06 09540

IR Temp Gun: (✓) D ( )G

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	Other
1	0202	3	1Z 401 663 22 1005 5787	
2				
3				
4				
5				
6				

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	(Y)	N	N/A
Were custody seals intact?	(Y)	N	N/A
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	(Y)	N	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	(Y)	N	N/A
Was the label information complete?*	(Y)	N	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	(Y)	N	N/A
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	(N)	N/A
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	Y	N	(N/A)

Requires a discrepancy form

CRF #1
Revised 8/22/03

Comments:_____

KEMRON Environmental Services
Internal Chain of Custody Report

00092342

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-01	276609	PCT-S CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	W1	WET	26-SEP-2006 15:09	TMB	JKT
3	STORE	WET	A1	01-OCT-2006 10:32	JKT	FJB

Samplenum	Container ID	Products
L0609540-01	276610	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:33	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:33	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:33	BRG	FJB

Samplenum	Container ID	Products
L0609540-01	276611	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092343

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-02	276612	HG PCT-S FE MG MN BA BE CD CA K AG NA ZN 8330

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	PREP	DIG	EXT	25-SEP-2006 09:50	CEB	REK
4	STORE	EXT	W1	25-SEP-2006 09:53	BRG	CEB
5	ANALYZ	W1	WET	26-SEP-2006 10:57	TMB	JKT
6	STORE	WET	A1	28-SEP-2006 10:37	BRG	TMM

Samplenum	Container ID	Products
L0609540-02	276613	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Samplenum	Container ID	Products
L0609540-02	276614	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092344

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-03	276615	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	PREP	DIG	EXT	25-SEP-2006 09:50	CEB	REK
4	STORE	EXT	W1	25-SEP-2006 09:53	BRG	CEB
5	ANALYZ	W1	WET	26-SEP-2006 10:57	TMB	JKT
6	STORE	WET	A1	28-SEP-2006 10:37	BRG	TMM

Samplenum	Container ID	Products
L0609540-03	276616	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Samplenum	Container ID	Products
L0609540-03	276617	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092345

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-04	276618	PCT-S T1005

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	SEM	25-SEP-2006 09:13	HV	BRG
3	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
4	ANALYZ	W1	WET	26-SEP-2006 10:57	TMB	JKT
5	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-04	276619	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Samplenum	Container ID	Products
L0609540-04	276620	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092346

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-05	276621	PCT-S T1005

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	SEM	25-SEP-2006 09:13	HV	BRG
3	STORE	SEM	A1	25-SEP-2006 16:19	BRG	HV
4	ANALYZ	W1	WET	26-SEP-2006 10:57	TMB	JKT
5	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-05	276622	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Samplenum	Container ID	Products
L0609540-05	276623	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092347

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-06	276624	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AG

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:31	BRG	REK
4	ANALYZ	W1	WET	26-SEP-2006 15:08	TMB	JKT
5	STORE	WET	A1	01-OCT-2006 10:32	JKT	FJB

Samplenum	Container ID	Products
L0609540-07	276625	CU NI K AG NA ZN V AL AS-MS PB-MS SB-MS SE-MS

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:31	BRG	REK
4	ANALYZ	W1	WET	26-SEP-2006 15:08	TMB	JKT
5	STORE	WET	A1	01-OCT-2006 10:32	JKT	FJB

Samplenum	Container ID	Products
L0609540-07	276626	G-40-T2 8260

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

KEMRON Environmental Services
Internal Chain of Custody Report

00092348

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-07	276627	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

Samplenum	Container ID	Products
L0609540-08	276628	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AG

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:31	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
7	STORE	WET	A1	28-SEP-2006 10:42	BRG	TMM

Samplenum	Container ID	Products
L0609540-09	276629	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AG

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
7	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

KEMRON Environmental Services
Internal Chain of Custody Report

00092349

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-09	276630	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Samplenum	Container ID	Products
L0609540-09	276631	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092350

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-10	276632	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	ANALYZ	W1	WET	26-SEP-2006 10:57	TMB	JKT
7	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-11	276633	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
7	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-11	276634	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

KEMRON Environmental Services
Internal Chain of Custody Report

00092351

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-11	276635	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

Samplenum	Container ID	Products
L0609540-12	276636	HG PCT-S 8270 FE MG MN TL-MS CLO4 BA BE CD CA

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	PREP	W1	EXT	26-SEP-2006 07:24	CEB	JKT
7	STORE	EXT	W1	26-SEP-2006 09:50	JS	CEB
8	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
9	STORE	WET	A1	28-SEP-2006 10:42	BRG	TMM

Samplenum	Container ID	Products
L0609540-13	276637	HG PCT-S 8270 FE MG MN BA BE CD CA CR CO CU NI

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	PREP	W1	EXT	26-SEP-2006 07:24	CEB	JKT
7	STORE	EXT	W1	26-SEP-2006 09:50	JS	CEB
8	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
9	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-13	276638	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:36	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:36	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:36	BRG	FJB

Samplenum	Container ID	Products
L0609540-13	276639	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092353

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-14	276640	HG PCT-S 8270 FE MG MN BA BE CD CA CR CO CU NI

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	PREP	W1	EXT	26-SEP-2006 07:24	CEB	JKT
7	STORE	EXT	W1	26-SEP-2006 09:50	JS	CEB
8	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
9	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-14	276641	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:36	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Samplenum	Container ID	Products
L0609540-14	276642	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092354

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-15	276643	HG PCT-S 8270 FE MG MN BA BE CD CA CR CO CU NI

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	PREP	W1	EXT	26-SEP-2006 07:24	CEB	JKT
7	STORE	EXT	W1	26-SEP-2006 09:50	JS	CEB
8	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
9	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-15	276644	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:36	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Samplenum	Container ID	Products
L0609540-15	276645	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092355

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-16	276646	HG PCT-S 8270 FE MG MN BA BE CD CA CR CO CU NI

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:59	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	PREP	W1	EXT	26-SEP-2006 07:24	CEB	JKT
7	STORE	EXT	W1	26-SEP-2006 09:50	JS	CEB
8	ANALYZ	W1	WET	26-SEP-2006 10:57	TMB	JKT
9	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-16	276647	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:36	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:36	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:36	BRG	FJB

KEMRON Environmental Services
Internal Chain of Custody Report

00092356

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-16	276648	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

Samplenum	Container ID	Products
L0609540-17	276649	HG PCT-S 8270 FE MG MN BA BE CD CA CR CO CU NI

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:59	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	PREP	W1	EXT	26-SEP-2006 07:24	CEB	JKT
7	STORE	EXT	W1	26-SEP-2006 09:50	JS	CEB
8	ANALYZ	W1	WET	26-SEP-2006 10:57	TMB	JKT
9	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-18	276650	HG PCT-S 8270 FE MG MN BA BE CD CA CR CO CU NI

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	PREP	W1	EXT	26-SEP-2006 07:24	CEB	JKT
7	STORE	EXT	W1	26-SEP-2006 09:50	JS	CEB
8	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
9	STORE	WET	A1	28-SEP-2006 10:37	BRG	TMM

KEMRON Environmental Services
Internal Chain of Custody Report

00092357

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-18	276651	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:37	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Samplenum	Container ID	Products
L0609540-18	276652	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092358

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-19	276653	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:19	BRG	HV
6	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
7	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-20	276654	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	PREP	W1	SEM	25-SEP-2006 14:58	HV	BRG
5	STORE	SEM	A1	25-SEP-2006 16:20	BRG	HV
6	ANALYZ	W1	WET	26-SEP-2006 10:56	TMB	JKT
7	STORE	WET	A1	28-SEP-2006 10:41	BRG	TMM

Samplenum	Container ID	Products
L0609540-20	276655	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

KEMRON Environmental Services
Internal Chain of Custody Report

00092359

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-20	276656	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

Samplenum	Container ID	Products
L0609540-21	276657	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AG

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	ANALYZ	W1	WET	26-SEP-2006 15:08	TMB	JKT
5	STORE	WET	A1	01-OCT-2006 10:33	JKT	FJB

Samplenum	Container ID	Products
L0609540-22	276658	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AG

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	ANALYZ	W1	WET	26-SEP-2006 15:08	TMB	JKT
5	STORE	WET	A1	01-OCT-2006 10:33	JKT	FJB

KEMRON Environmental Services
Internal Chain of Custody Report

00092360

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-22	276659	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:34	BRG	FJB

Samplenum	Container ID	Products
L0609540-22	276660	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:36	MES	BRG

Samplenum	Container ID	Products
L0609540-23	276661	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	ANALYZ	W1	WET	26-SEP-2006 15:08	TMB	JKT
5	STORE	WET	A1	01-OCT-2006 10:33	JKT	FJB

KEMRON Environmental Services
Internal Chain of Custody Report

00092361

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-24	276662	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:27	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	ANALYZ	W1	WET	26-SEP-2006 15:08	TMB	JKT
5	STORE	WET	A1	01-OCT-2006 10:33	JKT	FJB

Samplenum	Container ID	Products
L0609540-24	276663	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Samplenum	Container ID	Products
L0609540-24	276664	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092362

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-25	276665	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	ANALYZ	W1	WET	26-SEP-2006 15:08	TMB	JKT
5	STORE	WET	A1	01-OCT-2006 10:32	JKT	FJB

Samplenum	Container ID	Products
L0609540-26	276666	HG PCT-S FE MG MN BA BE CD CA CR CO CU NI K AC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	PREP	W1	DIG	22-SEP-2006 14:28	VC	BRG
3	STORE	DIG	W1	25-SEP-2006 14:30	BRG	REK
4	ANALYZ	W1	WET	26-SEP-2006 15:08	TMB	JKT
5	STORE	WET	A1	01-OCT-2006 10:33	JKT	FJB

Samplenum	Container ID	Products
L0609540-26	276667	8260 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG
3	STORE	VOAY	A1	09-OCT-2006 12:35	BRG	FJB

KEMRON Environmental Services
Internal Chain of Custody Report

00092363

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-26	276668	ENCORE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:38	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	L1	VOAZ	22-SEP-2006 11:35	MES	BRG

Samplenum	Container ID	Products
L0609540-27	276669	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:26	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:10	BRG	SMH

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:26	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:10	BRG	SMH

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:26	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:10	BRG	SMH

KEMRON Environmental Services
Internal Chain of Custody Report

00092364

Login: L0609540
Account: 2773
Project: 2773.025
Samples: 28
Due Date: 03-OCT-2006

Samplenum	Container ID	Products
L0609540-28	276670	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:26	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:10	BRG	SMH

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-SEP-2006 11:16	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:26	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:10	BRG	SMH

156 Starlite Drive, Marietta, OH 45750 • TEL 740-373-4071 • FAX 740-373-4835 • http://www.kemron.com

Laboratory Report Number: L0609590

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact your team member noted in the reviewed box bleow at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

Debra Elliott - Team Leader
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Kathy Albertson - Team Chemist/Data Specialist
kalbertson@kemron-lab.com

This report was reviewed on October 10, 2006.

Stephanie Mossburg

STEPHANIE MOSSBURG - Team Chemist/Data Specialist

I certify that all test results meet all of the requirements of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on October 10, 2006.

David E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 61 pages.

Protecting Our Environmental Future

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0609590

CHAIN OF CUSTODY: The chain of custody number was 10467.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 1 degree C.

SAMPLE MANAGEMENT: All samples received were intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Approved: 26-SEP-06
Stephanie Mossburg

Laboratory Data Package Cover Page

00092367

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

✓R1 Field chain-of-custody documentation;

✓R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

✓R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

✓R5 Test reports/summary forms for blank samples;

✓R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

✓R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

✓R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

✓R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

✓R10 Other problems or anomalies.

✓The exception Report for every "No" or "Not Reviewed (NR)" item IN laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [✓] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

MIKE D. ALBERTSON		Volatiles Lab Supervisor	October 5, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609590
Project Name:	798-LONGHORN
Method:	8260B
Prep Batch Number(s):	223780
Reviewer Name:	MIKE D. ALBERTSON
LRC Date:	October 05, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?	✓				
Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?	✓				
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?	✓				
Were ion abundance data within the method-required QC limits?	✓				
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?	✓				
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?	✓				
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

EXCEPTIONS REPORT
ER# - Description
There were no exceptions.

Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00092371

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

✓R5 Test reports/summary forms for blank samples;

✓R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

DEANNA I. HESSON	Deanna Hesson	Conventional Lab Supervisor	October 10, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609590
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG224526
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 10, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?	✓				
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?	✓				
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?	✓				
Were MS/MSD analyzed at the appropriate frequency?	✓				
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?	✓				
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?	✓				
Were analytical duplicates analyzed at the appropriate frequency?	✓				
Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?	✓				
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?	✓				
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:			✓		
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609590
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG224526
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 10, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

LABORATORY REPORT

L0609590 00092376

10/10/06 09:41

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: Shaw E & I, Inc.
ABB Lummus Biulding
3010 Briarpark
Houston, TX 77042
Attention: Diane Mever

Account Number: 2773
Work ID: LHAAP

P.O. Number: 200328

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
29WW40	L0609590-01	21-SEP-06	23-SEP-06
29WW36	L0609590-02	22-SEP-06	23-SEP-06
29WW37	L0609590-03	22-SEP-06	23-SEP-06

Report Number: **L0609590**
Report Date : **October 10, 2006**

00092377

Sample Number: **L0609590-01**
Client ID: **29WW40**
Matrix: **Water**
Workgroup Number: **WG223780**
Collect Date: **09/21/2006 12:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **09/29/2006 23:07**
Cal Date: **09/01/2006 13:30**
Run Date: **09/29/2006 23:07**
File ID: **6M60463**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	4.77	J	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5	0.474	J	1.00	0.200
Bromodichloromethane	75-27-4	1.15		1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1	1.09		1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3	3.55		1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7	0.529	J	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	92.8		5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125

Report Number: **L0609590**
Report Date : **October 10, 2006**

00092378

Sample Number: **L0609590-01**
Client ID: **29WW40**
Matrix: **Water**
Workgroup Number: **WG223780**
Collect Date: **09/21/2006 12:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **09/29/2006 23:07**
Cal Date: **09/01/2006 13:30**
Run Date: **09/29/2006 23:07**
File ID: **6M60463**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	103	86	118	
1,2-Dichloroethane-d4	106	80	120	
Toluene-d8	101	88	110	
4-Bromofluorobenzene	106	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609590-02**
Client ID: **29WW36**
Matrix: **Water**
Workgroup Number: **WG224526**
Collect Date: **09/22/2006 09:55**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **10**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **10/09/2006 00:17**
Cal Date:
Run Date: **10/09/2006 00:17**
File ID: **I1100806.23**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	10.0	5.00

U Not detected at or above adjusted sample detection limit

Report Number: **L0609590**
Report Date : **October 10, 2006**

00092379

Sample Number: **L0609590-02**
Client ID: **29WW36**
Matrix: **Water**
Workgroup Number: **WG223780**
Collect Date: **09/22/2006 09:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **09/29/2006 23:40**
Cal Date: **09/01/2006 13:30**
Run Date: **09/29/2006 23:40**
File ID: **6M60464**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	3.06	J	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7	0.186	J	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	5.59		5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125

Sample Number: **L0609590-02**
Client ID: **29WW36**
Matrix: **Water**
Workgroup Number: **WG223780**
Collect Date: **09/22/2006 09:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **09/29/2006 23:40**
Cal Date: **09/01/2006 13:30**
Run Date: **09/29/2006 23:40**
File ID: **6M60464**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	102	86	118	
1,2-Dichloroethane-d4	105	80	120	
Toluene-d8	102	88	110	
4-Bromofluorobenzene	105	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609590-03**
Client ID: **29WW37**
Matrix: **Water**
Workgroup Number: **WG223780**
Collect Date: **09/22/2006 11:48**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **09/30/2006 00:12**
Cal Date: **09/01/2006 13:30**
Run Date: **09/30/2006 00:12**
File ID: **6M60465**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	5.47	J	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0	8.14		1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125

Report Number: **L0609590**
Report Date : **October 10, 2006**

00092381

Sample Number: **L0609590-03**
Client ID: **29WW37**
Matrix: **Water**
Workgroup Number: **WG223780**
Collect Date: **09/22/2006 11:48**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **09/30/2006 00:12**
Cal Date: **09/01/2006 13:30**
Run Date: **09/30/2006 00:12**
File ID: **6M60465**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7	0.410	J	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	23.2		5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250

Report Number: **L0609590**
Report Date : **October 10, 2006**

00092382

Sample Number: **L0609590-03**
Client ID: **29WW37**
Matrix: **Water**
Workgroup Number: **WG223780**
Collect Date: **09/22/2006 11:48**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **09/30/2006 00:12**
Cal Date: **09/01/2006 13:30**
Run Date: **09/30/2006 00:12**
File ID: **6M60465**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	101	86	118	
1,2-Dichloroethane-d4	108	80	120	
Toluene-d8	101	88	110	
4-Bromofluorobenzene	102	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

WORKGROUP SUMMARY BY METHOD

Analysis:Volatile Organics
Analytical Method:8260B
Workgroup:WG223780

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609590-01	29WW40			09/29/06 23:07	01	HPMS6	CMS
L0609590-02	29WW36			09/29/06 23:40	01	HPMS6	CMS
L0609590-03	29WW37			09/30/06 00:12	01	HPMS6	CMS

Analysis:Volatile Organics
Extraction Method:5030B
Workgroup:WG223780

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609590-01	29WW40				223780	HPMS6	CMS
L0609590-02	29WW36				223780	HPMS6	CMS
L0609590-03	29WW37				223780	HPMS6	CMS

Analysis:Perchlorate
Analytical Method:314.0
Workgroup:WG224526

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609590-02	29WW36			10/09/06 00:17	DL01	IC1	JWR

Analysis:Perchlorate
Extraction Method:314.0
Workgroup:WG224526

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609590-02	29WW36		10/08/06 21:13			FILTER	JWR

Kemron Environmental Services
Analyst Listing
October 10, 2006

AJF – AMANDA J. FICKIESEN
ALB – ANNIE L. BOCK
ALT – ANN L. THAYER
ARA – ADRIAN R. ACHTERMANN
BRG – BRENDA R. GREGORY
CAA – CASSIE A. AUGENSTEIN
CAF – CHERYL A. FLOWERS
CAK – CHERYL A. KOELSCH
CEB – CHAD E. BARNES
CFB – CHAD F. BOOK
CLC – CHRYS L. CRAWFORD
CLS – CARA L. STRICKLER
CLW – CHARISSA L. WINTERS
CM – CHARLIE MARTIN
CMS – CRYSTAL M. STEPHENS
CPD – CHAD P. DAVIS
CSA – LUCINDA S. ARNOLD
CSH – CHRIS S. HILL
DAS – DALLAS A. SULLIVAN
DD – DIANE M. DENNIS
DDE – DEBRA D. ELLIOTT
DEL – DON E. LIGHTFRITZ
DEV – DAVID E. VANDENBERG
DGB – DOUGLAS G. BUTCHER
DIH – DEANNA I. HESSON
DJ – DONGPING JIANG
DLB – DAVID L. BUMGARNER
DLP – DOROTHY L. PAYNE
DLR – DIANNA L. RAUCH
DR – DEANNA ROBERTS
DRP – DAVE R. PITZER
DSM – DAVID S. MOSSOR
DST – DENNIS S. TEPE
ECL – ERIC C. LAWSON
ED – EMILY E. DECKER
FJB – FRANCES J. BOLDEN
HAV – HEMA VILASAGAR
JAL – JOHN A. LENT
JKT – JANE K. THOMPSON
JLS – JANICE L. SCHIMMEL
JNB – JOSHUA N. BOOTH
JS – JENNIFER L. SOUTHALL
JWR – JOHN W. RICHARDS
JWS – JACK W. SHEAVES
JYH – JI Y. HU
KCZ – KEVIN C. ZUMBRO
KEB – KATHRYN E. BARNES
KHR – KIM H. RHODES
KRA – KATHY R. ALBERTSON
LKN – LINDA K. NEDEFF
LSB – LESLIE S. BUCINA
MDA – MIKE D. ALBERTSON
MDC – MICHAEL D. COCHRAN
MES – MARY E. SCHILLING
MKZ – MARILYN K. ZUMBRO
MLR – MARY L. ROCHOTTE
MLS – MICHAEL L. SCHIMMEL
MMB – MAREN M. BEERY
MSW – MATT S. WILSON
NJB – NATALIE J. BOOTH
PAS – PATRICK A. STREET
PJM – PAUL J. MILLER
RB – ROBERT BUCHANAN
RDC – REBECCA D. CUTLIP
REK – ROBERT E. KYER
RNP – RICK N. PETTY
RWC – RODNEY W. CAMPBELL
SCM – SUSAN C. MOELLENDICK
SLM – STEPHANIE L. MOSSBURG
SLP – SHERI L. PFALZGRAF
SMH – SHAUNA M. HYDE
SRM – SAMUEL R. MCFEE
TMB – TIFFANY M. BAILEY
TMM – TAMMY M. MORRIS
VC – VICKI COLLIER
WFM – WALTER F. MARTIN

KEMRON Environmental Services

List of Valid Qualifiers

October 10, 2006

00092386

Qualkey: STD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
FL	Free Liquid
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL.
J,P	ESTIMATE & COLUMNS DON'T AGREE TO WITHIN 40%
L	Sample reporting limits elevated due to matrix interference
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
Z	Cannot be resolved from isomer - see below

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methylphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound an are matrix dependent.

Organic QA/QC

00092388

KEMRON Environmental Services
Data Checklist

Date: 01-SEP-2006
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 12076
Analytical Workgroups: WG221309;WG221381

System Performance Check	X
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
05-SEP-2006

Secondary Reviewer:
05-SEP-2006

Generated: SEP-05-2006 14:13:55

00092389

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 090106
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030B SOP: PAT01 Rev: 10
Maintenance Log ID: 15467

Internal Standard: STD14621 Surrogate Standard: STD14622
CCV: STD14775 LCS: STD14736 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG221309;WG221381

Comments: Archon errored after file 6M59697

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M59674	WG221309-01 BFB 50ng STD 8260	NA	1	1	STD14237	09/01/06 08:11
2	6M59675	SYSTEM BLANK	NA	1	1		09/01/06 08:40
3	6M59676	WG221309-03 0.40ug/L STD 8260	NA	1	1	STD14775	09/01/06 09:12
4	6M59677	WG221309-02 0.30ug/L STD 8260	NA	1	1	STD14775	09/01/06 09:45
5	6M59678	WG221309-04 1ug/L STD 8260	NA	1	1	STD14775	09/01/06 10:17
6	6M59679	WG221309-05 5ug/L STD 8260	NA	1	1	STD14775	09/01/06 10:49
7	6M59680	WG221309-06 10ug/L STD 8260	NA	1	1	STD14775	09/01/06 11:22
8	6M59681	WG221309-07 20ug/L STD 8260	NA	1	1	STD14775	09/01/06 11:54
9	6M59682	WG221309-08 50ug/L STD 8260	NA	1	1	STD14775	09/01/06 12:26
10	6M59683	WG221309-09 100ug/L STD 8260	NA	1	1	STD14775	09/01/06 12:58
11	6M59684	WG221309-10 200ug/L STD 8260	NA	1	1	STD14775	09/01/06 13:30
12	6M59685	SYSTEM BLANK	NA	1	1		09/01/06 14:02
13	6M59686	SYSTEM BLANK	NA	1	1		09/01/06 14:35
14	6M59687	WG221309-11 20ug/L ALT SOURCE STD 8	NA	1	1	STD14736	09/01/06 15:06
24	6M59688	WG221380-01 BFB 50ng STD 8260	NA	1	1	STD14237	09/01/06 15:40
15	6M59689	WG221380-01 BFB 50ng STD 8260	NA	1	1	STD14237	09/01/06 15:55
16	6M59690	WG221380-02 50ug/L STD 8260	NA	1	1	STD14775	09/01/06 16:24
17	6M59691	WG221381-01 VBLK0901 BLANK 8260	NA	1	1		09/01/06 16:56
18	6M59692	WG221381-02 20ug/L LCS STD 8260	NA	1	1	STD14736	09/01/06 17:28
19	6M59693	WG221381-03 20ug/L LCSDUP STD 8260	NA	1	1	STD14736	09/01/06 18:00
20	6M59694	L0609018-01 A 826-SPE	<2	1	1		09/01/06 18:32
21	6M59695	L0609020-01 A 826-LOW	<2	1	1		09/01/06 19:04
22	6M59696	L0608668-13 B 826-SPE	<2	1	1		09/01/06 19:36
23	6M59697	L0608668-14 A 826-SPE	<2	1	1		09/01/06 20:09

Comments

Seq.	Rerun	Dil.	Reason	Analytes
24	X			
File ID: 6M59688				
	Tune failed/DNR			

Approved: September 05, 2006

Page: 1 of 1

KEMRON Environmental Services

00092390

Instrument Run Log

Instrument: HPMS6 Dataset: 092906
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030B SOP: PAT01 Rev: 10
Maintenance Log ID: 15927

Internal Standard: STD15242 Surrogate Standard: STD15267
CCV: STD15335 LCS: STD15325 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223669, WG223780

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M60435	WG223668-01 BFB 50ng STD 8260	NA	1	1	STD14811	09/29/06 08:16
2	6M60436	WG223668-01 BFB 50ng STD 8260	NA	1	1	STD14811	09/29/06 08:36
3	6M60437	WG223668-02 50ug/L STD 8260	NA	1	1	STD15335;STD15129	09/29/06 09:11
4	6M60438	WG223669-01 VBLK0929 BLANK	NA	1	1		09/29/06 09:44
5	6M60439	WG223669-01 VBLK0929 BLANK	NA	1	1		09/29/06 10:17
6	6M60440	WG223669-02 20ug/L LCS STD 8260	NA	1	1	STD15161	09/29/06 10:49
7	6M60441	L0609531-08 B 50X 826-LOW	<2	1	50		09/29/06 11:21
8	6M60442	L0609560-15 A 826-SPE	<2	1	1		09/29/06 11:53
9	6M60443	L0609509-07 A 826-SPE	<2	1	1		09/29/06 12:26
10	6M60444	L0609509-08 A 826-SPE	<2	1	1		09/29/06 13:00
11	6M60445	L0609560-07 A 826-SPE	<2	1	1		09/29/06 13:33
12	6M60446	L0609509-05 A 5X 826-SPE	7	1	5		09/29/06 14:05
13	6M60447	L0609509-09 A 10X 826-SPE	<2	1	10		09/29/06 14:37
14	6M60448	L0609560-03 A 5X 826-SPE	7	1	5		09/29/06 15:10
15	6M60449	SYSTEM BLANK	NA	1	1		09/29/06 15:42
16	6M60450	L0609560-09 A 5X 826-SPE	<2	1	5		09/29/06 16:15
17	6M60451	L0609560-11 MS A 5X 826-SPE	<2	1	5	STD15325	09/29/06 16:47
18	6M60452	L0609560-13 MSD A 5X 826-SPE	<2	1	5	STD15325	09/29/06 17:32
43	6M60454	WG223779-01 BFB 50ng STD 8260	NA	1	1	STD14811	09/29/06 18:20
44	6M60455	WG223779-02 50ug/L STD 8260	NA	1	1	STD15335	09/29/06 18:47
19	6M60456	WG223780-01 VBLK0929 BLANK 8260	NA	1	1		09/29/06 19:20
20	6M60457	WG223780-02 20ug/L LCS ST	NA	1	1		09/29/06 19:52
21	6M60458	L0609560-03 B 50X 826-SPE	7	1	50		09/29/06 20:25
22	6M60459	L0609548-02 B 50X 826-LOW	<2	1	50		09/29/06 20:57
23	6M60460	L0609603-02 A 826-LOW	<2	1	1		09/29/06 21:30
24	6M60461	L0609604-01 A 826-LOW	<@	1	1		09/29/06 22:02
25	6M60462	L0609604-02 A 826-LOW	<2	1	1		09/29/06 22:35
26	6M60463	L0609590-01 A 826-LOW	<2	1	1		09/29/06 23:07
27	6M60464	L0609590-02 A 826-LOW	6	1	1		09/29/06 23:40
28	6M60465	L0609590-03 A 826-LOW	<2	1	1		09/30/06 00:12
29	6M60466	L0609603-03 A 826-LOW	<2	1	1		09/30/06 00:44
30	6M60467	L0609604-03 A 826-LOW	<2	1	1		09/30/06 01:17

Approved: October 05, 2006

KEMRON Environmental Services

Instrument Run Log

00092391

Instrument: HPMS6 Dataset: 092906
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030B SOP: PAT01 Rev: 10
Maintenance Log ID: 15927

Internal Standard: STD15242 Surrogate Standard: STD15267
CCV: STD15335 LCS: STD15325 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223669, WG223780

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
31	6M60468	L0609604-04 A 826-LOW	<2	1	1		09/30/06 01:49
32	6M60469	L0609604-05 A 826-LOW	<2	1	1		09/30/06 02:22
33	6M60470	L0609604-06 A 826-LOW	<2	1	1		09/30/06 02:54
34	6M60471	L0609604-07 A 826-LOW	<2	1	1		09/30/06 03:26
35	6M60472	L0609604-08 A 50X 826-LOW	11	1	50		09/30/06 03:59
36	6M60473	L0609604-09 MS A 50X 826-LOW	11	1	50	STD15325	09/30/06 04:31
37	6M60474	L0609604-10 MSD A 50X 826-LOW	11	1	50	STD15325	09/30/06 05:04
38	6M60475	L0609604-11 A 826-LOW	<2	1	1		09/30/06 05:36
39	6M60476	L0609604-12 A 826-LOW	13	1	1		09/30/06 06:08
40	6M60477	SYSTEM CHECK	NA	1	1		09/30/06 06:41
41	6M60478	SYSTEM CHECK	NA	1	1		09/30/06 07:13
42	6M60479	SYSTEM BLANK	NA	1	1		09/30/06 07:45

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4	X		Carry-over contamination	
File ID: 6M60438				
14	X	50	Over Calibration Range	Toluene, chlorobenzene
File ID: 6M60448				
30	X	10	Over Calibration Range	benzene
File ID: 6M60467				
31	X	50	Over Calibration Range	mtbe, benzene
File ID: 6M60468				
32	X	50	Over Calibration Range	mtbe, benzene
File ID: 6M60469				
33	X	50	Over Calibration Range	mtbe, benzene
File ID: 6M60470				

Approved: October 05, 2006

KEMRON Environmental Services

Instrument Run Log

00092392

Instrument: HPMS6 Dataset: 092906

Analyst1: CMS Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 624 SOP: MSV10 Rev: 9

Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 15927

Internal Standard: STD15242 Surrogate Standard: STD15267

CCV: STD15335 LCS: STD15325 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223669, WG223780

Comments

Seq.	Rerun	Dil.	Reason	Analytes
34	X		Carry-over contamination	
File ID: 6M60471				
39	X	10	Over Calibration Range	Mtbe, benzene
File ID: 6M60476				

Approved: October 05, 2006

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092393

Analytical Method: 8260B AAB#: WG223780

Login Number: L0609590

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WW40	09/21/06	09/23/06	09/29/06	14	8.44	09/29/06	14	8.44	
29WW36	09/22/06	09/23/06	09/29/06	14	7.57	09/29/06	14	7.57	
29WW37	09/22/06	09/23/06	09/30/06	14	7.52	09/30/06	14	7.52	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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SURROGATE STANDARDS

00092394

Login Number: L0609590
Instrument Id: HPMS6
Workgroup (AAB#): WG223780

Method: 8260
CAL ID: HPMS6-01-SEP-06
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0609590-01	1.00	01	106	103	106	101
L0609590-02	1.00	01	105	102	105	102
L0609590-03	1.00	01	108	101	102	101
WG223780-01	1.00	01	96.7	97.5	105	103
WG223780-02	1.00	01	96.5	97.6	101	101

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

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METHOD BLANK SUMMARY

00092395

Login Number: L0609590
Work Group: WG223780
Blank File ID: 6M60456
Blank Sample ID: WG223780-01
Date Analyzed: 09/29/06
Instrument ID: HPMS6
Time Analyzed: 19:20
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223780-02	6M60457	09/29/06 19:52	01
29WW40	L0609590-01	6M60463	09/29/06 23:07	01
29WW36	L0609590-02	6M60464	09/29/06 23:40	01
29WW37	L0609590-03	6M60465	09/30/06 00:12	01

KEMRON Environmental Services

METHOD BLANK REPORT

00092396

Login Number: L0609590 Run Date: 09/29/2006 Sample ID: WG223780-01
Instrument ID: HPMS6 Run Time: 19:20 Prep Method: 5030B
File ID: 6M60456 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG223780 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-01-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.311	1	J

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KEMRON Environmental Services

METHOD BLANK REPORT

00092397

Login Number: L0609590 Run Date: 09/29/2006 Sample ID: WG223780-01
Instrument ID: HPMS6 Run Time: 19:20 Prep Method: 5030B
File ID: 6M60456 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG223780 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-01-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Naphthalene	0.200	1.00	0.200	1	U
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.152	1	J
1,2,4-Trichlorobenzene	0.200	1.00	0.200	1	U
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	97.5	86 - 118	PASS
1,2-Dichloroethane-d4	96.7	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	105	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092398

Login Number: L0609590 Run Date: 09/29/2006 Sample ID: WG223780-02
Instrument ID: HPMS6 Run Time: 19:52 Prep Method: 5030B
File ID: 6M60457 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG223780 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-01-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	22.0	110	40 - 142	
Benzene	20.0	21.3	107	80 - 121	
Bromobenzene	20.0	20.3	102	80 - 120	
Bromochloromethane	20.0	20.5	103	65 - 130	
Bromodichloromethane	20.0	21.6	108	80 - 131	
Bromoform	20.0	17.9	89.7	70 - 130	
Bromomethane	20.0	21.0	105	30 - 145	
2-Butanone	20.0	21.2	106	30 - 150	
n-Butylbenzene	20.0	22.8	114	80 - 131	
sec-Butylbenzene	20.0	22.5	112	80 - 127	
tert-Butylbenzene	20.0	19.7	98.7	80 - 126	
Carbon disulfide	20.0	19.4	96.8	58 - 138	
Carbon tetrachloride	20.0	22.5	113	65 - 140	
Chlorobenzene	20.0	20.7	104	80 - 120	
Chlorodibromomethane	20.0	21.5	107	60 - 135	
Chloroethane	20.0	20.3	101	60 - 135	
2-Chloroethyl vinyl ether	20.0	24.2	121	58 - 151	
Chloroform	20.0	21.5	108	80 - 125	
Chloromethane	20.0	25.0	125	40 - 125	
2-Chlorotoluene	20.0	21.8	109	80 - 127	
4-Chlorotoluene	20.0	21.8	109	80 - 126	
1,2-Dibromo-3-chloropropane	20.0	21.5	107	50 - 130	
1,2-Dibromoethane	20.0	21.3	106	80 - 125	
Dibromomethane	20.0	22.0	110	75 - 125	
1,2-Dichlorobenzene	20.0	20.7	104	80 - 125	
1,3-Dichlorobenzene	20.0	20.4	102	80 - 120	
1,4-Dichlorobenzene	20.0	20.0	100	80 - 120	
Dichlorodifluoromethane	20.0	20.1	100	50 - 133	
1,1-Dichloroethane	20.0	21.7	109	80 - 125	
1,2-Dichloroethane	20.0	21.5	107	80 - 129	
1,1-Dichloroethene	20.0	22.1	111	80 - 132	
cis-1,2-Dichloroethene	20.0	21.2	106	70 - 125	
trans-1,2-Dichloroethene	20.0	21.9	109	80 - 127	
1,2-Dichloropropane	20.0	21.8	109	80 - 120	
1,3-Dichloropropane	20.0	22.6	113	80 - 120	
2,2-Dichloropropane	20.0	19.9	99.4	80 - 133	
cis-1,3-Dichloropropene	20.0	22.1	111	70 - 130	
trans-1,3-Dichloropropene	20.0	20.7	104	80 - 130	
1,1-Dichloropropene	20.0	23.3	116	75 - 130	
Ethylbenzene	20.0	22.1	110	80 - 122	
2-Hexanone	20.0	19.2	95.9	55 - 130	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092399

Login Number: L0609590 Run Date: 09/29/2006 Sample ID: WG223780-02
Instrument ID: HPMS6 Run Time: 19:52 Prep Method: 5030B
File ID: 6M60457 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG223780 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-01-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	20.6	103	72 - 132	
Isopropylbenzene	20.0	20.5	103	80 - 122	
p-Isopropyltoluene	20.0	20.6	103	80 - 122	
4-Methyl-2-pentanone	20.0	19.6	97.8	64 - 140	
Methylene chloride	20.0	19.7	98.5	80 - 123	
Naphthalene	20.0	21.5	108	59 - 149	
n-Propylbenzene	20.0	22.8	114	80 - 129	
Styrene	20.0	22.9	115	80 - 123	
1,1,1,2-Tetrachloroethane	20.0	21.2	106	80 - 130	
1,1,2,2-Tetrachloroethane	20.0	20.9	104	79 - 125	
Tetrachloroethene	20.0	21.8	109	80 - 124	
Toluene	20.0	22.1	110	80 - 124	
1,2,3-Trichlorobenzene	20.0	20.4	102	55 - 140	
1,2,4-Trichlorobenzene	20.0	20.1	100	65 - 135	
1,1,1-Trichloroethane	20.0	20.3	102	80 - 134	
1,1,2-Trichloroethane	20.0	22.9	114	80 - 125	
Trichloroethene	20.0	21.1	105	80 - 122	
Trichlorofluoromethane	20.0	19.2	96.1	62 - 151	
1,2,3-Trichloropropane	20.0	21.1	105	75 - 125	
1,2,4-Trimethylbenzene	20.0	22.0	110	80 - 125	
1,3,5-Trimethylbenzene	20.0	22.8	114	80 - 127	
Vinyl acetate	20.0	6.40	32.0	10 - 150	
Vinyl chloride	20.0	23.5	118	65 - 140	
o-Xylene	20.0	22.2	111	80 - 122	
m-,p-Xylene	40.0	44.9	112	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	97.6	86 - 118	PASS
1,2-Dichloroethane-d4	96.5	80 - 120	PASS
Toluene-d8	101	88 - 110	PASS
4-Bromofluorobenzene	101	86 - 115	PASS

* FAILS %REC LIMIT

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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609590 Tune ID: WG221309-01
Instrument: HPMS6 Run Date: 09/01/2006
Analyst: CMS Run Time: 08:11
Workgroup: WG221309 File ID: 6M59674
Cal ID: HPMS6-01-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.7	11075	PASS
75.0	95.0	30.0	60.0	48.6	28834	PASS
95.0	95.0	100	100	100	59280	PASS
96.0	95.0	5.00	9.00	7.36	4362	PASS
173	174	0	2.00	0.779	365	PASS
174	95.0	50.0	100	79.0	46829	PASS
175	174	5.00	9.00	6.55	3069	PASS
176	174	95.0	101	96.7	45298	PASS
177	176	5.00	9.00	6.51	2949	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG221309-11	SSCV	01	09/01/2006 15:06	
WG221309-10	STD	01	09/01/2006 13:30	
WG221309-09	STD	01	09/01/2006 12:58	
WG221309-08	STD-CCV	01	09/01/2006 12:26	
WG221309-07	STD	01	09/01/2006 11:54	
WG221309-06	STD	01	09/01/2006 11:22	
WG221309-05	STD	01	09/01/2006 10:49	
WG221309-04	STD	01	09/01/2006 10:17	
WG221309-02	STD	01	09/01/2006 09:45	
WG221309-03	STD	01	09/01/2006 09:12	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 586781
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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609590 Tune ID: WG223779-01
Instrument: HPMS6 Run Date: 09/29/2006
Analyst: CMS Run Time: 18:20
Workgroup: WG223779 File ID: 6M60454
Cal ID: HPMS6 -01-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	17.9	10005	PASS
75.0	95.0	30.0	60.0	50.9	28381	PASS
95.0	95.0	100	100	100	55808	PASS
96.0	95.0	5.00	9.00	6.76	3773	PASS
173	174	0	2.00	0.968	414	PASS
174	95.0	50.0	100	76.6	42752	PASS
175	174	5.00	9.00	7.76	3316	PASS
176	174	95.0	101	100	42781	PASS
177	176	5.00	9.00	6.58	2816	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223779-02	CCV	09/29/2006 18:47	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223780-01	BLANK	01	09/29/2006 19:20	
WG223780-02	LCS	01	09/29/2006 19:52	
L0609590-01	29WW40	01	09/29/2006 23:07	
L0609590-02	29WW36	01	09/29/2006 23:40	
L0609590-03	29WW37	01	09/30/2006 00:12	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 586782
Report generated 10/05/2006 15:19

INITIAL CALIBRATION SUMMARY

00092402

Login Number: L0609590 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 01-SEP-06 13:30

ICAL Workgroup: WG221309 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,1-Dichloroethene	CCC	0.4042	10.8		
1,2-Dichloropropane	CCC	0.2210	4.86		
Chloroform	CCC	0.5093	6.71		
Ethylbenzene	CCC	0.5351	11.3		
Toluene	CCC	1.360	6.23		
Vinyl Chloride	CCC	0.2581	27.9		1.00
1,1,2,2-Tetrachloroethane	SPCC	0.3958	7.43		
1,1-Dichloroethane	SPCC	0.4515	4.13		
Bromoform	SPCC	0.1886	15.6	1.00	
Chlorobenzene	SPCC	0.9929	5.51		
Chloromethane	SPCC	0.3028	21.4		1.00
1,1,1,2-Tetrachloroethane		0.3546	5.42		
1,1,1-Trichloroethane		0.4456	15.1		1.00
1,1,2-Trichloroethane		0.2161	5.35		
1,1-Dichloropropene		0.3596	13.7		
1,2,3-Trichlorobenzene		0.8869	5.06		
1,2,3-Trichloropropane		0.3123	3.13		
1,2,4-Trichlorobenzene		1.013	6.60		
1,2,4-Trimethylbenzene		2.571	11.8		
1,2-Dibromo-3-Chloropropane		0.08357	12.8		
1,2-Dibromoethane		0.2287	8.51		
1,2-Dichlorobenzene		1.281	4.17		
1,2-Dichloroethane		0.3437	4.10		
1,3,5-Trimethylbenzene		2.369	13.9		
1,3-Dichlorobenzene		1.446	4.84		
1,3-Dichloropropane		0.3999	4.46		
1,4-Dichlorobenzene		1.526	4.98		
2,2-Dichloropropane		0.4229	16.3		1.00
2-Butanone		0.04882	4.72		
2-Chloroethyl Vinyl Ether		0.04434	61.6	0.997	
2-Chlorotoluene		2.078	7.03		
2-Hexanone		0.1000	7.54		
4-Chlorotoluene		2.178	7.80		
4-Methyl-2-Pentanone		0.04178	11.7		
Acetone		0.04165	9.16		
Benzene		1.004	4.33		
Bromobenzene		0.6495	7.82		
Bromochloromethane		0.1620	5.76		
Bromodichloromethane		0.3633	3.10		
Bromomethane		0.2116	6.23		
Carbon Disulfide		0.7850	11.4		
Carbon Tetrachloride		0.4317	14.5		
Chloroethane		0.2018	3.61		
Dibromochloromethane		0.2884	8.43		
Dibromomethane		0.1288	7.57		

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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092403

Login Number: L0609590 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 01-SEP-06 13:30

ICAL Workgroup: WG221309 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
Dichlorodifluoromethane		0.4348	10.8		
Hexachlorobutadiene		0.5313	5.54		
Isopropylbenzene		1.667	14.2		
Methylene Chloride		0.2975	12.3		
Naphthalene		1.618	10.1		
Styrene		1.095	14.2		
Tetrachloroethene		0.3698	13.5		
Trichloroethene		0.2614	8.71		
Trichlorofluoromethane		0.6425	6.36		
Vinyl Acetate		0.2736	11.1		
cis-1,2-Dichloroethene		0.2727	3.51		
cis-1,3-Dichloropropene		0.3686	15.0		
m-,p-Xylene		0.6887	10.4		
n-Butylbenzene		2.459	14.7		
n-Propylbenzene		3.229	14.9		
o-Xylene		0.6545	10.1		
p-Isopropyltoluene		2.724	7.80		
sec-Butylbenzene		3.117	14.5		
tert-Butylbenzene		0.5515	6.43		
trans-1,2-Dichloroethene		0.2575	10.4		
trans-1,3-Dichloropropene		0.4425	13.3		

INITIAL CALIBRATION DATA

00092404

Login Number: L0609590 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 01-SEP-06 13:30

Column ID: F

Analyte	WG221309-02			WG221309-03			WG221309-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	3959.00000	0.3217	1.00	13403.0000	0.4740
1,2-Dichloropropane	NA	NA	NA	0.400	2459.00000	0.1998	1.00	6579.00000	0.2327
Chloroform	0.300	4756.00000	0.5412	0.400	5467.00000	0.4442	1.00	15800.0000	0.5588
Ethylbenzene	NA	NA	NA	0.400	3629.00000	0.4034	1.00	12134.0000	0.5793
Toluene	NA	NA	NA	0.400	10961.0000	1.218	1.00	28667.0000	1.369
Vinyl Chloride	NA	NA	NA	0.400	4759.00000	0.3867	1.00	9613.00000	0.3400
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	2304.00000	0.4271	1.00	4405.00000	0.3313
1,1-Dichloroethane	NA	NA	NA	0.400	5163.00000	0.4195	1.00	13363.0000	0.4726
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2849.00000	0.1360
Chlorobenzene	NA	NA	NA	0.400	8842.00000	0.9828	1.00	22802.0000	1.089
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	12083.0000	0.4273
1,1,1,2-Tetrachloroethane	NA	NA	NA	0.400	2869.00000	0.3189	1.00	7514.00000	0.3587
1,1,1-Trichloroethane	NA	NA	NA	0.400	3661.00000	0.2974	1.00	12061.0000	0.4266
1,1,2-Trichloroethane	NA	NA	NA	0.400	1780.00000	0.1978	1.00	4302.00000	0.2054
1,1-Dichloropropene	NA	NA	NA	0.400	3075.00000	0.2498	1.00	10119.0000	0.3579
1,2,3-Trichlorobenzene	0.300	3416.00000	0.8717	0.400	5080.00000	0.9416	1.00	11614.0000	0.8735
1,2,3-Trichloropropane	NA	NA	NA	0.400	1653.00000	0.3064	1.00	4354.00000	0.3275
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	6124.00000	1.135	1.00	13082.0000	0.9839
1,2,4-Trimethylbenzene	NA	NA	NA	0.400	10378.0000	1.924	1.00	33103.0000	2.490
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	1.00	810.000000	0.06090
1,2-Dibromoethane	NA	NA	NA	0.400	1702.00000	0.1892	1.00	4492.00000	0.2144
1,2-Dichlorobenzene	0.300	4950.00000	1.263	0.400	6535.00000	1.211	1.00	17246.0000	1.297
1,2-Dichloroethane	NA	NA	NA	0.400	4411.00000	0.3584	1.00	10105.0000	0.3574
1,3,5-Trimethylbenzene	NA	NA	NA	0.400	9299.00000	1.724	1.00	27818.0000	2.092
1,3-Dichlorobenzene	NA	NA	NA	0.400	7222.00000	1.339	1.00	19525.0000	1.469
1,3-Dichloropropane	NA	NA	NA	0.400	3258.00000	0.3621	1.00	8415.00000	0.4017
1,4-Dichlorobenzene	0.300	6047.00000	1.543	0.400	8130.00000	1.507	1.00	22201.0000	1.670
2,2-Dichloropropane	NA	NA	NA	NA	NA	NA	1.00	8589.00000	0.3038
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	0.400	9745.00000	1.806	1.00	28138.0000	2.116
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	0.400	10329.0000	1.915	1.00	31047.0000	2.335
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	0.400	12073.0000	0.9809	1.00	30007.0000	1.061
Bromobenzene	0.300	2089.00000	0.5331	0.400	3684.00000	0.6829	1.00	9075.00000	0.6826
Bromochloromethane	NA	NA	NA	0.400	1980.00000	0.1609	1.00	5176.00000	0.1831
Bromodichloromethane	NA	NA	NA	0.400	4589.00000	0.3728	1.00	10229.0000	0.3618
Bromomethane	NA	NA	NA	0.400	2375.00000	0.1930	1.00	5562.00000	0.1967
Carbon Disulfide	NA	NA	NA	0.400	8384.00000	0.6812	1.00	23947.0000	0.8469
Carbon Tetrachloride	NA	NA	NA	0.400	3530.00000	0.2868	1.00	12608.0000	0.4459

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INITIAL CALIBRATION DATA

00092405

Login Number: L0609590 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 01-SEP-06 13:30

Column ID: F

Analyte	WG221309-05			WG221309-06			WG221309-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	5.00	53435.0000	0.3749	10.0	117497.000	0.4034	20.0	258604.000	0.4305
1,2-Dichloropropane	5.00	30173.0000	0.2117	10.0	63612.0000	0.2184	20.0	136861.000	0.2278
Chloroform	5.00	70281.0000	0.4931	10.0	150416.000	0.5165	20.0	317718.000	0.5289
Ethylbenzene	5.00	54884.0000	0.5268	10.0	118140.000	0.5469	20.0	266191.000	0.5886
Toluene	5.00	139980.000	1.344	10.0	306406.000	1.419	20.0	659881.000	1.459
Vinyl Chloride	5.00	37978.0000	0.2664	10.0	70430.0000	0.2418	20.0	142840.000	0.2378
1,1,2,2-Tetrachloroethane	5.00	25140.0000	0.3833	10.0	52268.0000	0.3924	20.0	118256.000	0.4078
1,1-Dichloroethane	5.00	64173.0000	0.4502	10.0	133939.000	0.4599	20.0	283511.000	0.4720
Bromoform	5.00	17473.0000	0.1677	10.0	38646.0000	0.1789	20.0	89344.0000	0.1976
Chlorobenzene	5.00	100005.000	0.9599	10.0	217073.000	1.005	20.0	460776.000	1.019
Chloromethane	5.00	44048.0000	0.3090	10.0	85710.0000	0.2943	20.0	166449.000	0.2771
1,1,1,2-Tetrachloroethane	5.00	35071.0000	0.3366	10.0	77823.0000	0.3603	20.0	166053.000	0.3672
1,1,1-Trichloroethane	5.00	60185.0000	0.4222	10.0	134049.000	0.4603	20.0	300457.000	0.5002
1,1,2-Trichloroethane	5.00	21494.0000	0.2063	10.0	48360.0000	0.2239	20.0	102226.000	0.2260
1,1-Dichloropropene	5.00	47641.0000	0.3342	10.0	107892.000	0.3705	20.0	237931.000	0.3961
1,2,3-Trichlorobenzene	5.00	58075.0000	0.8854	10.0	122464.000	0.9193	20.0	269500.000	0.9293
1,2,3-Trichloropropane	5.00	20321.0000	0.3098	10.0	41361.0000	0.3105	20.0	94498.0000	0.3259
1,2,4-Trichlorobenzene	5.00	63499.0000	0.9681	10.0	139584.000	1.048	20.0	302319.000	1.043
1,2,4-Trimethylbenzene	5.00	168380.000	2.567	10.0	371593.000	2.790	20.0	827824.000	2.855
1,2-Dibromo-3-Chloropropane	5.00	5298.00000	0.08080	10.0	11410.0000	0.08570	20.0	25446.0000	0.08770
1,2-Dibromoethane	5.00	24279.0000	0.2330	10.0	48285.0000	0.2235	20.0	108366.000	0.2396
1,2-Dichlorobenzene	5.00	80468.0000	1.227	10.0	173615.000	1.303	20.0	394623.000	1.361
1,2-Dichloroethane	5.00	48213.0000	0.3382	10.0	99299.0000	0.3410	20.0	214218.000	0.3566
1,3,5-Trimethylbenzene	5.00	150392.000	2.293	10.0	342622.000	2.572	20.0	774733.000	2.672
1,3-Dichlorobenzene	5.00	90469.0000	1.379	10.0	198613.000	1.491	20.0	443481.000	1.529
1,3-Dichloropropane	5.00	41220.0000	0.3957	10.0	86377.0000	0.3999	20.0	187952.000	0.4156
1,4-Dichlorobenzene	5.00	96285.0000	1.468	10.0	204805.000	1.538	20.0	457026.000	1.576
2,2-Dichloropropane	5.00	50713.0000	0.3558	10.0	121474.000	0.4171	20.0	279808.000	0.4658
2-Butanone	5.00	6609.00000	0.04640	10.0	13339.0000	0.04580	20.0	29240.0000	0.04870
2-Chloroethyl Vinyl Ether	NA	NA	NA	10.0	2816.00000	0.009700	20.0	13659.0000	0.02270
2-Chlorotoluene	5.00	133630.000	2.037	10.0	292809.000	2.198	20.0	658975.000	2.272
2-Hexanone	5.00	9080.00000	0.08720	10.0	20731.0000	0.09600	20.0	45775.0000	0.1012
4-Chlorotoluene	5.00	140242.000	2.138	10.0	307025.000	2.305	20.0	683668.000	2.358
4-Methyl-2-Pentanone	5.00	5046.00000	0.03540	10.0	10592.0000	0.03640	20.0	24875.0000	0.04140
Acetone	5.00	6862.00000	0.04810	10.0	12377.0000	0.04250	20.0	25271.0000	0.04210
Benzene	5.00	136207.000	0.9556	10.0	296543.000	1.018	20.0	631083.000	1.051
Bromobenzene	5.00	39353.0000	0.6000	10.0	90061.0000	0.6761	20.0	195752.000	0.6750
Bromochloromethane	5.00	21833.0000	0.1532	10.0	45946.0000	0.1578	20.0	97192.0000	0.1618
Bromodichloromethane	5.00	48223.0000	0.3383	10.0	105399.000	0.3619	20.0	223243.000	0.3717
Bromomethane	5.00	29016.0000	0.2036	10.0	60337.0000	0.2072	20.0	131986.000	0.2197
Carbon Disulfide	5.00	109240.000	0.7664	10.0	182797.000	0.6277	20.0	517506.000	0.8615
Carbon Tetrachloride	5.00	58553.0000	0.4108	10.0	129528.000	0.4448	20.0	286831.000	0.4775

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KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092406

Login Number: L0609590 Instrument ID: HPMS6

Analytical Method: 8260B Initial Calibration Date: 01-SEP-06 13:30

Column ID: F

Analyte	WG221309-08			WG221309-09			WG221309-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	666459.000	0.4147	100	1387307.00	0.4097	200	2951474.00	0.4048
1,2-Dichloropropane	50.0	364909.000	0.2270	100	769097.000	0.2271	200	1630626.00	0.2237
Chloroform	50.0	829249.000	0.5160	100	1711879.00	0.5056	200	3497303.00	0.4797
Ethylbenzene	50.0	705263.000	0.5781	100	1462551.00	0.5529	200	2920707.00	0.5048
Toluene	50.0	1750350.00	1.435	100	3646539.00	1.379	200	7272808.00	1.257
Vinyl Chloride	50.0	354189.000	0.2204	100	689288.000	0.2036	200	1227701.00	0.1684
1,1,2,2-Tetrachloroethane	50.0	327582.000	0.4153	100	701446.000	0.4102	200	1456794.00	0.3990
1,1-Dichloroethane	50.0	737856.000	0.4591	100	1514459.00	0.4473	200	3145726.00	0.4315
Bromoform	50.0	259591.000	0.2128	100	570725.000	0.2157	200	1223914.00	0.2115
Chlorobenzene	50.0	1237921.00	1.015	100	2578856.00	0.9749	200	5197606.00	0.8983
Chloromethane	50.0	421757.000	0.2624	100	835979.000	0.2469	NA	NA	NA
1,1,1,2-Tetrachloroethane	50.0	462219.000	0.3789	100	971267.000	0.3672	200	2021256.00	0.3493
1,1,1-Trichloroethane	50.0	800268.000	0.4979	100	1674989.00	0.4947	200	3395066.00	0.4657
1,1,2-Trichloroethane	50.0	279546.000	0.2292	100	592328.000	0.2239	200	1249489.00	0.2159
1,1-Dichloropropene	50.0	636659.000	0.3961	100	1341247.00	0.3961	200	2740348.00	0.3759
1,2,3-Trichlorobenzene	50.0	717128.000	0.9092	100	1467049.00	0.8580	200	2900795.00	0.7945
1,2,3-Trichloropropane	50.0	247436.000	0.3137	100	521282.000	0.3049	200	1094798.00	0.2998
1,2,4-Trichlorobenzene	50.0	813990.000	1.032	100	1681557.00	0.9835	200	3329673.00	0.9119
1,2,4-Trimethylbenzene	50.0	2209163.00	2.801	100	4630180.00	2.708	200	8900860.00	2.438
1,2-Dibromo-3-Chloropropane	50.0	73647.0000	0.09340	100	154406.000	0.09030	200	314617.000	0.08620
1,2-Dibromoethane	50.0	303048.000	0.2484	100	649023.000	0.2453	200	1367362.00	0.2363
1,2-Dichlorobenzene	50.0	1055995.00	1.339	100	2228075.00	1.303	200	4454643.00	1.220
1,2-Dichloroethane	50.0	555027.000	0.3453	100	1137529.00	0.3360	200	2309750.00	0.3168
1,3,5-Trimethylbenzene	50.0	2086481.00	2.645	100	4444046.00	2.599	200	8611259.00	2.359
1,3-Dichlorobenzene	50.0	1189941.00	1.509	100	2517005.00	1.472	200	5041599.00	1.381
1,3-Dichloropropane	50.0	514600.000	0.4218	100	1074829.00	0.4063	200	2292736.00	0.3963
1,4-Dichlorobenzene	50.0	1214662.00	1.540	100	2558524.00	1.496	200	5085707.00	1.393
2,2-Dichloropropane	50.0	768687.000	0.4783	100	1633882.00	0.4826	200	3333597.00	0.4572
2-Butanone	50.0	80745.0000	0.05020	100	174183.000	0.05140	200	367533.000	0.05040
2-Chloroethyl Vinyl Ether	50.0	81959.0000	0.05100	100	217940.000	0.06440	200	538499.000	0.07390
2-Chlorotoluene	50.0	1692640.00	2.146	100	3576095.00	2.092	200	7136575.00	1.955
2-Hexanone	50.0	130719.000	0.1072	100	282851.000	0.1069	200	587446.000	0.1015
4-Chlorotoluene	50.0	1786179.00	2.265	100	3683282.00	2.154	200	7135697.00	1.954
4-Methyl-2-Pentanone	50.0	74187.0000	0.04620	100	154836.000	0.04570	200	332361.000	0.04560
Acetone	50.0	66522.0000	0.04140	100	130669.000	0.03860	200	270882.000	0.03720
Benzene	50.0	1640989.00	1.021	100	3399156.00	1.004	200	6837064.00	0.9378
Bromobenzene	50.0	531490.000	0.6739	100	1146970.00	0.6708	200	2377987.00	0.6513
Bromochloromethane	50.0	262836.000	0.1635	100	548024.000	0.1619	200	1121404.00	0.1538
Bromodichloromethane	50.0	594811.000	0.3701	100	1251361.00	0.3696	200	2625164.00	0.3601
Bromomethane	50.0	357009.000	0.2221	100	752722.000	0.2223	200	1662578.00	0.2280
Carbon Disulfide	50.0	1382895.00	0.8604	100	2885157.00	0.8521	200	5713182.00	0.7836
Carbon Tetrachloride	50.0	759365.000	0.4725	100	1594389.00	0.4709	200	3238341.00	0.4442

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INITIAL CALIBRATION DATA

00092407

Login Number: L0609590 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 01-SEP-06 13:30

Column ID: F

Analyte	WG221309-02			WG221309-03			WG221309-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	NA	NA	NA	0.400	2585.00000	0.2100	1.00	6068.00000	0.2146
Dibromochloromethane	NA	NA	NA	0.400	2392.00000	0.2659	1.00	5323.00000	0.2541
Dibromomethane	NA	NA	NA	0.400	1361.00000	0.1106	1.00	3975.00000	0.1406
Dichlorodifluoromethane	NA	NA	NA	0.400	5837.00000	0.4742	1.00	14140.0000	0.5001
Hexachlorobutadiene	NA	NA	NA	0.400	2554.00000	0.4734	1.00	7332.00000	0.5515
Isopropylbenzene	NA	NA	NA	0.400	10390.0000	1.155	1.00	35185.0000	1.680
Methylene Chloride	NA	NA	NA	0.400	4615.00000	0.3750	1.00	9358.00000	0.3310
Naphthalene	NA	NA	NA	0.400	7591.00000	1.407	1.00	18439.0000	1.387
Styrene	NA	NA	NA	0.400	7291.00000	0.8104	1.00	20008.0000	0.9552
Tetrachloroethene	NA	NA	NA	0.400	2256.00000	0.2508	1.00	8206.00000	0.3918
Trichloroethene	NA	NA	NA	0.400	2660.00000	0.2161	1.00	7958.00000	0.2814
Trichlorofluoromethane	NA	NA	NA	0.400	8686.00000	0.7057	1.00	19750.0000	0.6985
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	0.400	3215.00000	0.2612	1.00	7898.00000	0.2793
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3607.00000	0.2931	1.00	8184.00000	0.2894
m-,p-Xylene	NA	NA	NA	0.800	10003.0000	0.5559	2.00	30170.0000	0.7202
n-Butylbenzene	NA	NA	NA	0.400	9048.00000	1.677	1.00	31458.0000	2.366
n-Propylbenzene	NA	NA	NA	0.400	11900.0000	2.206	1.00	43156.0000	3.246
o-Xylene	NA	NA	NA	0.400	4895.00000	0.5441	1.00	12602.0000	0.6016
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	1.00	32284.0000	2.428
sec-Butylbenzene	NA	NA	NA	0.400	11544.0000	2.140	1.00	42107.0000	3.167
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	1.00	7048.00000	0.5301
trans-1,2-Dichloroethene	NA	NA	NA	0.400	2462.00000	0.2000	1.00	8064.00000	0.2852
trans-1,3-Dichloropropene	NA	NA	NA	0.400	3290.00000	0.3657	1.00	7317.00000	0.3493

INITIAL CALIBRATION DATA

00092408

Login Number: L0609590 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 01-SEP-06 13:30

Column ID: F

Analyte	WG221309-05			WG221309-06			WG221309-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	5.00	28277.0000	0.1984	10.0	59428.0000	0.2041	20.0	120680.000	0.2009
Dibromochloromethane	5.00	27606.0000	0.2650	10.0	61294.0000	0.2838	20.0	136777.000	0.3024
Dibromomethane	5.00	17170.0000	0.1205	10.0	38612.0000	0.1326	20.0	82291.0000	0.1370
Dichlorodifluoromethane	5.00	65415.0000	0.4589	10.0	127416.000	0.4375	20.0	265675.000	0.4423
Hexachlorobutadiene	5.00	32929.0000	0.5020	10.0	71607.0000	0.5375	20.0	162412.000	0.5601
Isopropylbenzene	5.00	164411.000	1.578	10.0	377526.000	1.748	20.0	856818.000	1.895
Methylene Chloride	5.00	39844.0000	0.2795	10.0	82068.0000	0.2818	20.0	172162.000	0.2866
Naphthalene	5.00	104736.000	1.597	10.0	230604.000	1.731	20.0	518083.000	1.787
Styrene	5.00	109336.000	1.050	10.0	247203.000	1.144	20.0	572844.000	1.267
Tetrachloroethene	5.00	37852.0000	0.3633	10.0	82415.0000	0.3815	20.0	180433.000	0.3990
Trichloroethene	5.00	34080.0000	0.2391	10.0	75320.0000	0.2586	20.0	164441.000	0.2738
Trichlorofluoromethane	5.00	94265.0000	0.6613	10.0	182681.000	0.6273	20.0	374883.000	0.6241
Vinyl Acetate	5.00	33535.0000	0.2353	10.0	71942.0000	0.2470	20.0	171834.000	0.2861
cis-1,2-Dichloroethene	5.00	36728.0000	0.2577	10.0	81543.0000	0.2800	20.0	168412.000	0.2804
cis-1,3-Dichloropropene	5.00	48024.0000	0.3369	10.0	108805.000	0.3736	20.0	245307.000	0.4084
m-,p-Xylene	10.0	140882.000	0.6761	20.0	313997.000	0.7268	40.0	701657.000	0.7758
n-Butylbenzene	5.00	159730.000	2.435	10.0	359434.000	2.698	20.0	811773.000	2.799
n-Propylbenzene	5.00	211669.000	3.227	10.0	470424.000	3.531	20.0	1087238.00	3.749
o-Xylene	5.00	64266.0000	0.6169	10.0	145489.000	0.6735	20.0	334182.000	0.7389
p-Isopropyltoluene	5.00	166264.000	2.535	10.0	374472.000	2.811	20.0	861961.000	2.972
sec-Butylbenzene	5.00	196845.000	3.001	10.0	448046.000	3.364	20.0	1042830.00	3.596
tert-Butylbenzene	5.00	32226.0000	0.4913	10.0	75980.0000	0.5704	20.0	173392.000	0.5979
trans-1,2-Dichloroethene	5.00	34835.0000	0.2444	10.0	77233.0000	0.2652	20.0	167847.000	0.2794
trans-1,3-Dichloropropene	5.00	43269.0000	0.4153	10.0	98589.0000	0.4564	20.0	219247.000	0.4848

KEMRON FORMS - Modified 09/06/2006
Version 1.6 PDF File ID: 586779
Report generated 10/05/2006 15:19

INITIAL CALIBRATION DATA

00092409

Login Number: L0609590 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 01-SEP-06 13:30

Column ID: F

Analyte	WG221309-08			WG221309-09			WG221309-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	50.0	314741.000	0.1958	100	666668.000	0.1969	200	1413503.00	0.1939
Dibromochloromethane	50.0	381944.000	0.3131	100	829574.000	0.3136	200	1789972.00	0.3094
Dibromomethane	50.0	215687.000	0.1342	100	439269.000	0.1297	200	912741.000	0.1252
Dichlorodifluoromethane	50.0	667125.000	0.4151	100	1363534.00	0.4027	200	2533680.00	0.3475
Hexachlorobutadiene	50.0	430167.000	0.5454	100	941858.000	0.5509	200	1934933.00	0.5299
Isopropylbenzene	50.0	2271796.00	1.862	100	4787002.00	1.810	200	9289264.00	1.606
Methylene Chloride	50.0	452615.000	0.2816	100	931380.000	0.2751	200	1963257.00	0.2693
Naphthalene	50.0	1423744.00	1.805	100	2893371.00	1.692	200	5612113.00	1.537
Styrene	50.0	1519954.00	1.246	100	3184809.00	1.204	200	6291194.00	1.087
Tetrachloroethene	50.0	489294.000	0.4011	100	1044935.00	0.3950	200	2176933.00	0.3762
Trichloroethene	50.0	443774.000	0.2761	100	937554.000	0.2769	200	1961105.00	0.2690
Trichlorofluoromethane	50.0	973543.000	0.6057	100	2065012.00	0.6099	200	4429749.00	0.6076
Vinyl Acetate	50.0	498099.000	0.3099	100	1021654.00	0.3017	200	1907894.00	0.2617
cis-1,2-Dichloroethene	50.0	452969.000	0.2818	100	929931.000	0.2746	200	1941146.00	0.2662
cis-1,3-Dichloropropene	50.0	672998.000	0.4187	100	1418139.00	0.4188	200	2986240.00	0.4096
m-,p-Xylene	100	1810907.00	0.7422	200	3687494.00	0.6970	400	7125432.00	0.6157
n-Butylbenzene	50.0	2155112.00	2.732	100	4498111.00	2.631	200	8511321.00	2.331
n-Propylbenzene	50.0	2814239.00	3.568	100	5756080.00	3.367	200	10741440.0	2.942
o-Xylene	50.0	881334.000	0.7225	100	1841844.00	0.6963	200	3715989.00	0.6422
p-Isopropyltoluene	50.0	2295805.00	2.911	100	4877973.00	2.853	200	9347286.00	2.560
sec-Butylbenzene	50.0	2700738.00	3.424	100	5675773.00	3.320	200	10690881.0	2.928
tert-Butylbenzene	50.0	449438.000	0.5698	100	971530.000	0.5682	200	1945791.00	0.5329
trans-1,2-Dichloroethene	50.0	433278.000	0.2696	100	896524.000	0.2648	200	1833349.00	0.2515
trans-1,3-Dichloropropene	50.0	615330.000	0.5044	100	1293742.00	0.4891	200	2747664.00	0.4749

KEMRON FORMS - Modified 09/06/2006
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Report generated 10/05/2006 15:19

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092410

Login Number: L0609590 Run Date: 09/01/2006 Sample ID: WG221309-11

Instrument ID: HPMS6 Run Time: 15:06 Method: 8260B

File ID: 6M59687 Analyst: CMS

ICal Workgroup: WG221309 Cal ID: HPMS6 - 01-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	20	21.0	0.535	5.1	ug/L	
1,1-Dichloroethene	CCC	20	20.8	0.421	4.2	ug/L	
1,2-Dichloropropane	CCC	20	21.4	0.236	6.9	ug/L	
Ethylbenzene	CCC	20	22.8	0.610	13.9	ug/L	
Toluene	CCC	20	22.1	1.50	10.4	ug/L	
Vinyl Chloride	CCC	20	17.8	0.210	11	ug/L	
Bromoform	SPCC	20	17.8	0.182	10.8	ug/L	
Chlorobenzene	SPCC	20	21.1	1.05	5.3	ug/L	
Chloromethane	SPCC	20	20.0	0.277	0	ug/L	
1,1-Dichloroethane	SPCC	20	21.1	0.476	5.4	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	20	21.0	0.415	4.8	ug/L	
Acetone		20	21.9	0.0457	9.7	ug/L	
Benzene		20	21.0	1.06	5.1	ug/L	
Bromobenzene		20	22.5	0.732	12.6	ug/L	
Bromochloromethane		20	20.3	0.165	1.7	ug/L	
Bromodichloromethane		20	21.2	0.385	5.9	ug/L	
Bromomethane		20	19.7	0.209	1.3	ug/L	
2-Butanone		20	21.9	0.0535	9.7	ug/L	
n-Butylbenzene		20	24.1	2.96	20.4	ug/L	
sec-Butylbenzene		20	23.3	3.64	16.6	ug/L	
tert-Butylbenzene		20	21.3	0.587	6.5	ug/L	
Carbon Disulfide		20	21.9	0.860	9.5	ug/L	
Carbon Tetrachloride		20	22.4	0.483	11.8	ug/L	
Dibromochloromethane		20	20.9	0.302	4.7	ug/L	
Chloroethane		20	18.9	0.191	5.6	ug/L	
2-Chloroethyl Vinyl Ether		20	20.7	0.0267	3.6	ug/L	
2-Chlorotoluene		20	22.7	2.36	13.6	ug/L	
4-Chlorotoluene		20	21.9	2.38	9.5	ug/L	
1,2-Dibromo-3-Chloropropane		20	23.1	0.0967	15.7	ug/L	
1,2-Dibromoethane		20	20.7	0.236	3.3	ug/L	
Dibromomethane		20	21.0	0.135	4.8	ug/L	
1,2-Dichlorobenzene		20	21.6	1.38	8	ug/L	
1,3-Dichlorobenzene		20	21.7	1.57	8.3	ug/L	
1,4-Dichlorobenzene		20	21.0	1.60	5.1	ug/L	
Dichlorodifluoromethane		20	16.6	0.361	17	ug/L	
1,2-Dichloroethane		20	20.1	0.346	.5	ug/L	
cis-1,2-Dichloroethene		20	21.1	0.288	5.5	ug/L	
trans-1,2-Dichloroethene		20	21.4	0.275	6.8	ug/L	
1,3-Dichloropropane		20	20.7	0.413	3.4	ug/L	
2,2-Dichloropropane		20	19.8	0.468	.8	ug/L	
cis-1,3-Dichloropropene		20	22.2	0.410	11.1	ug/L	
trans-1,3-Dichloropropene		20	20.1	0.445	.6	ug/L	

KEMRON FORMS - Modified 07/26/2006
Version 1.5 PDF File ID: 586780
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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092411

Login Number: L0609590 Run Date: 09/01/2006 Sample ID: WG221309-11
Instrument ID: HPMS6 Run Time: 15:06 Method: 8260B
File ID: 6M59687 Analyst: CMS
ICal Workgroup: WG221309 Cal ID: HPMS6 - 01-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		20	22.8	0.410	14.1	ug/L	
2-Hexanone		20	18.9	0.0946	5.4	ug/L	
Hexachlorobutadiene		20	22.8	0.606	14	ug/L	
Isopropylbenzene		20	20.8	1.73	3.9	ug/L	
p-Isopropyltoluene		20	21.6	2.94	8	ug/L	
4-Methyl-2-Pentanone		20	19.7	0.0411	1.7	ug/L	
Methylene Chloride		20	19.1	0.284	4.5	ug/L	
Naphthalene		20	23.3	1.89	16.6	ug/L	
n-Propylbenzene		20	23.7	3.83	18.5	ug/L	
Styrene		20	22.8	1.25	14	ug/L	
1,1,1,2-Tetrachloroethane		20	21.3	0.378	6.6	ug/L	
Tetrachloroethene		20	22.2	0.410	10.8	ug/L	
1,2,3-Trichlorobenzene		20	21.9	0.972	9.6	ug/L	
1,2,4-Trichlorobenzene		20	22.0	1.12	10.2	ug/L	
1,1,1-Trichloroethane		20	20.2	0.505	.8	ug/L	
1,1,2-Trichloroethane		20	21.2	0.229	5.8	ug/L	
Trichloroethene		20	21.9	0.287	9.7	ug/L	
Trichlorofluoromethane		20	16.5	0.530	17.6	ug/L	
1,2,3-Trichloropropane		20	21.9	0.343	9.7	ug/L	
1,2,4-Trimethylbenzene		20	23.1	2.97	15.5	ug/L	
1,3,5-Trimethylbenzene		20	23.7	2.81	18.6	ug/L	
Vinyl Acetate		20	12.9	0.177	35.4	ug/L	*
o-Xylene		20	22.0	0.720	10	ug/L	
m-,p-Xylene		40	44.3	0.762	10.6	ug/L	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 07/26/2006
Version 1.5 PDF File ID: 586780
Report generated 10/05/2006 15:19

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092412

Login Number: L0609590 Run Date: 09/29/2006 Sample ID: WG223668-02
Instrument ID: HPMS6 Run Time: 09:11 Method: 8260B
File ID: 6M60437 Analyst: CMS
Workgroup (AAB#): WG223780 Cal ID: HPMS6 - 01-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	50.2	0.511	0.300	ug/L	
1,1-Dichloroethene	CCC	50.0	55.1	0.445	10.1	ug/L	
1,2-Dichloropropane	CCC	50.0	51.5	0.228	2.90	ug/L	
Ethylbenzene	CCC	50.0	54.6	0.584	9.20	ug/L	
Toluene	CCC	50.0	53.7	1.46	7.30	ug/L	
Vinyl Chloride	CCC	50.0	52.8	0.233	5.50	ug/L	
Bromoform	SPCC	50.0	44.1	0.185	11.8	ug/L	
Chlorobenzene	SPCC	50.0	50.6	1.00	1.20	ug/L	
Chloromethane	SPCC	50.0	54.9	0.287	9.80	ug/L	
1,1-Dichloroethane	SPCC	50.0	52.7	0.476	5.50	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	47.9	0.379	4.20	ug/L	
Acetone		50.0	47.7	0.0398	4.50	ug/L	
Benzene		50.0	52.2	1.05	4.30	ug/L	
Bromobenzene		50.0	50.8	0.660	1.60	ug/L	
Bromochloromethane		50.0	48.0	0.156	4.00	ug/L	
Bromodichloromethane		50.0	48.0	0.349	4.00	ug/L	
Bromomethane		50.0	57.2	0.242	14.4	ug/L	
2-Butanone		50.0	48.6	0.0474	2.90	ug/L	
n-Butylbenzene		50.0	56.8	2.79	13.6	ug/L	
sec-Butylbenzene		50.0	56.6	3.53	13.2	ug/L	
tert-Butylbenzene		50.0	53.6	0.591	7.20	ug/L	
Carbon Disulfide		50.0	55.5	0.871	10.9	ug/L	
Carbon Tetrachloride		50.0	54.1	0.467	8.10	ug/L	
Dibromochloromethane		50.0	50.5	0.291	0.900	ug/L	
Chloroethane		50.0	54.5	0.220	9.10	ug/L	
2-Chloroethyl Vinyl Ether		50.0	54.6	0.0637	9.10	ug/L	
2-Chlorotoluene		50.0	53.5	2.22	7.00	ug/L	
4-Chlorotoluene		50.0	53.8	2.34	7.60	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	49.7	0.0831	0.500	ug/L	
1,2-Dibromoethane		50.0	50.6	0.231	1.10	ug/L	
Dibromomethane		50.0	47.9	0.123	4.20	ug/L	
1,2-Dichlorobenzene		50.0	49.9	1.28	0.200	ug/L	
1,3-Dichlorobenzene		50.0	51.7	1.49	3.30	ug/L	
1,4-Dichlorobenzene		50.0	49.9	1.52	0.100	ug/L	
Dichlorodifluoromethane		50.0	54.6	0.475	9.30	ug/L	
1,2-Dichloroethane		50.0	47.8	0.328	4.50	ug/L	
cis-1,2-Dichloroethene		50.0	52.3	0.285	4.60	ug/L	
trans-1,2-Dichloroethene		50.0	53.2	0.274	6.30	ug/L	
1,3-Dichloropropane		50.0	51.2	0.410	2.40	ug/L	
2,2-Dichloropropane		50.0	50.2	0.487	0.400	ug/L	
cis-1,3-Dichloropropene		50.0	54.0	0.398	8.00	ug/L	
trans-1,3-Dichloropropene		50.0	54.8	0.485	9.50	ug/L	

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092413

Login Number: L0609590 Run Date: 09/29/2006 Sample ID: WG223668-02
Instrument ID: HPMS6 Run Time: 09:11 Method: 8260B
File ID: 6M60437 Analyst: CMS
Workgroup (AAB#): WG223780 Cal ID: HPMS6 - 01-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	56.6	0.407	13.2	ug/L	
2-Hexanone		50.0	47.2	0.0944	5.60	ug/L	
Hexachlorobutadiene		50.0	50.2	0.533	0.300	ug/L	
Isopropylbenzene		50.0	56.6	1.89	13.2	ug/L	
p-Isopropyltoluene		50.0	54.3	2.96	8.60	ug/L	
4-Methyl-2-Pentanone		50.0	46.2	0.0386	7.60	ug/L	
Methylene Chloride		50.0	47.5	0.283	5.00	ug/L	
Naphthalene		50.0	50.3	1.63	0.600	ug/L	
n-Propylbenzene		50.0	57.5	3.71	15.0	ug/L	
Styrene		50.0	56.7	1.24	13.4	ug/L	
1,1,1,2-Tetrachloroethane		50.0	51.7	0.367	3.50	ug/L	
Tetrachloroethene		50.0	54.4	0.403	8.80	ug/L	
1,2,3-Trichlorobenzene		50.0	47.6	0.845	4.80	ug/L	
1,2,4-Trichlorobenzene		50.0	49.8	1.01	0.300	ug/L	
1,1,1-Trichloroethane		50.0	48.7	0.490	2.50	ug/L	
1,1,2-Trichloroethane		50.0	51.3	0.222	2.60	ug/L	
Trichloroethene		50.0	52.8	0.276	5.50	ug/L	
Trichlorofluoromethane		50.0	50.4	0.648	0.800	ug/L	
1,2,3-Trichloropropane		50.0	46.2	0.289	7.60	ug/L	
1,2,4-Trimethylbenzene		50.0	55.4	2.85	10.7	ug/L	
1,3,5-Trimethylbenzene		50.0	57.3	2.72	14.7	ug/L	
Vinyl Acetate		50.0	51.8	0.284	3.60	ug/L	
o-Xylene		50.0	55.8	0.731	11.6	ug/L	
m-,p-Xylene		100	111	0.765	11.1	ug/L	
1,2-Dichloroethene		100	105	0.280	5.50	ug/L	
Xylenes		150	167	0.748	11.3	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 586783
Report generated 10/05/2006 15:19

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092414

Login Number:L0609590
Instrument ID:HPMS6
Workgroup (AAB#):WG223780

CCV Number:WG223779-02
CAL ID: HPMS6-01-SEP-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223779-02	NA	NA	495723	785738	1061345
Upper Limit	NA	NA	991446	1571476	2122690
Lower Limit	NA	NA	247862	392869	530673
L0609590-01	1.00	01	313599	511592	709487
L0609590-02	1.00	01	298586	493372	691380
L0609590-03	1.00	01	289252	487884	670509
WG223780-01	1.00	01	392088	661444	934547
WG223780-02	1.00	01	433509	677163	922615

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 586784
Report generated 10/05/2006 15:19

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092415

Login Number:L0609590
Instrument ID:HPMS6
Workgroup (AAB#):WG223780

CCV Number:WG223779-02
CAL ID: HPMS6-01-SEP-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223779-02	NA	NA	19.52	15.95	11.46
Upper Limit	NA	NA	20.02	16.45	11.96
Lower Limit	NA	NA	19.02	15.45	10.96
L0609590-01	1.00	01	19.53	15.96	11.46
L0609590-02	1.00	01	19.52	15.96	11.46
L0609590-03	1.00	01	19.52	15.95	11.46
WG223780-01	1.00	01	19.52	15.96	11.46
WG223780-02	1.00	01	19.53	15.96	11.46

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 586786
Report generated 10/05/2006 15:19

Inorganic QA/QC

00092417

KEMRON Environmental Services
Data Checklist

Date: 08-OCT-2006
Analyst: JWR
Analyst: NA
Method: CLO4
Instrument: IC1
Curve Workgroup: NA
Runlog ID: 12688
Analytical Workgroups: WG224526

System Performance Check	
Eluent check	X
Initial Calibration	
Average RF	
Linear Reg or Higher Order Curve	10/08/06
Alt Source Check	10/08/06
Continuing Calibration	
Continuing Calibration	X
Client Specific Requirements	X
Blanks	
Quant Report / Chromatogram	X
Spike Compounds	X
MS/MSD	X
Excel Spreadsheet	X
Samples	
TCL Hits	X
Manual Integrations	X
Data Package	
Level 2	
Level 3	L0609526, 590, 711
Level 4	
Primary Reviewer	JWR
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the resonableness of the results	X
Comments: L0609526	LAB DUE 10/02/06
L0609590	LAB DUE 10/06/06
L0609711	LAB DUE 10/09/06
Samples analyzed in this batch were diluted in order to reduce their matrix	
conductivities below that of the working MCT. Reporting Limits for the diluted	
samples were raised proportionately to the dilutions required.	

Primary Reviewer:
09-OCT-2006

John Richards

Secondary Reviewer:
09-OCT-2006

Michael Cohen

Generated: OCT-09-2006 15:59:43

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092418

Analytical Method: 314.0 AAB#: WG224526

Login Number: L0609590

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WW36	09/22/06	09/23/06	10/09/06	28	16.6	10/09/06	28	16.6	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 589733
Report generated 10/09/2006 11:19

METHOD BLANK SUMMARY

00092419

Login Number: L0609590
Work Group: WG224526
Blank File ID: I1100806.14
Blank Sample ID: WG224526-01
Date Analyzed: 10/08/06
Instrument ID: IC1
Time Analyzed: 21:13
Method: 314.0
Analyst: JWR

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG224526-02	I1100806.15	10/08/06 21:34	01
29WW36	L0609590-02	I1100806.23	10/09/06 00:17	DL01
DUP	WG224526-04	I1100806.27	10/09/06 01:39	01

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 589734
Report generated 10/09/2006 11:19

KEMRON Environmental Services

METHOD BLANK REPORT

00092420

Login Number: L0609590 Run Date: 10/08/2006 Sample ID: WG224526-01
Instrument ID: IC1 Run Time: 21:13 Prep Method: 314.0
File ID: I1100806.14 Analyst: JWR Method: 314.0
Workgroup (AAB#): WG224526 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: IC1 -

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Perchlorate	0.500	1.00	0.500	1	U

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 589735
Report generated 10/09/2006 11:19

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092421

Login Number: L0609590 Run Date: 10/08/2006 Sample ID: WG224526-02
Instrument ID: IC1 Run Time: 21:34 Prep Method: 314.0
File ID: I1100806.15 Analyst: JWR Method: 314.0
Workgroup (AAB#): WG224526 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: IC1 -

Analytes	Expected	Found	% Rec	LCS Limits	Q
Perchlorate	25.0	22.5	90.2	85 - 115	

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 589736
Report generated 10/09/2006 11:19

Shaw® Shaw Environmental, Inc.

3010 Briarpark Drive, Suite 4N
Houston, TX 77042 (713) 996-4400

CHAIN-OF-CUSTODY

Site 29

No. 10467

Laboratory Name: Kemron Address: Marietta, OH Contact: S. Mossberg

Project Name: LHAAP Project Location: Karnack, Tx

Project No.: 11759 Project Contact: L. Duty Project Telephone No.: 832-364-0173

Point of contact: Project Manager/Supervisor:

Telephone No.:

Item No.	Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	VOC	Perc/Monte					Remarks
1	29WW40	9/21	1240		X	W		3	X						
2	29WW36	9/22	955		X	W		4	X	X					
3	29WW37	9/22	1148		X	W		3	X						
4															
5															
6															
7															
8															
9															
10															

Transfers Relinquished By (Signature)	Date/Time	Transfers Accepted By (Signature)	Date/Time	Special Instructions
[signature]	9/21/06 1630	[signature]		
[signature] 9/22/06 1700		UPS		UPS 1Z401663221005 6099
				FedEx Airbill No.:
		Laboratory Brenda Gregory	9/23/06 0730	Sampler's Signature [signature]

TAT: ____ Standard ____ Rush Due: ___ Seals Intact? ____Y ____N Received Good Condition ____Y ____N ____ Cold

cc sealed SXS intact Cooler temp 1

SP stored in locked Cooler over weekend

White - Lab Copy Canary - Field Copy Pink - File Copy

SAMPLE RECEIPT FORM

00092423

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

Date: 9-23-06 Client: Shaw

Shipped By: ( ) Fed-Ex (✓) UPS ( )DHL ( ) KEMRON ( ) Client ( ) Other 11:30

Opened By: QLD

Logged By: BLG Login # L06 D1590

IR Temp Gun: ( ) D (✓)

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	COC#	Other
1	1141	1	124014663021005 6099		
2					
3					
4					
5					
6					

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	(Y)	N	N/A
Were custody seals intact?	(Y)	N	N/A
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	Y	(N)	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	(Y)	N	N/A
Was the label information complete?*	(Y)	N	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	(Y)	N	N/A
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	(N)	N/A
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	Y	N	(N/A)

**Requires a discrepancy form*

CRF #1
Revised 8/22/03

Comments:_____

KEMRON Environmental Services
Internal Chain of Custody Report

00092424

Login: L0609590
Account: 2773
Project: 2773.025
Samples: 3
Due Date: 06-OCT-2006

Samplenum	Container ID	Products
L0609590-01	277124	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:14	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:11	BRG	SMH

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:14	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:11	BRG	SMH

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:14	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:11	BRG	SMH

Samplenum	Container ID	Products
L0609590-02	277125	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:14	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:11	BRG	SMH

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:14	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:11	BRG	SMH

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:14	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:11	BRG	SMH

Samplenum	Container ID	Products
L0609590-02	277126	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	W1	WET	08-OCT-2006 14:17	JWR	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092425

Login: L0609590
Account: 2773
Project: 2773.025
Samples: 3
Due Date: 06-OCT-2006

Samplenum	Container ID	Products
L0609590-03	277127	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:14	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:12	BRG	SMH

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:14	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:12	BRG	SMH

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			25-SEP-2006 12:55	BRG	
2	ANALYZ	V1	ORG4	27-SEP-2006 14:14	SMH	BRG
3	STORE	ORG4	A1	06-OCT-2006 09:11	BRG	SMH

156 Starlite Drive, Marietta, OH 45750 • TEL 740-373-4071 • FAX 740-373-4835 • http://www.kemron.com

Laboratory Report Number: L0609691

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact your team member noted in the reviewed box bleow at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

Debra Elliott - Team Leader
delliott@kemron-lab.com

Amanda Fickiesen - Client Services Specialist
afickiesen@kemron-lab.com

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Kathy Albertson - Team Chemist/Data Specialist
kalbertson@kemron-lab.com

This report was reviewed on October 10, 2006.

Stephanie Mossburg

STEPHANIE MOSSBURG - Team Chemist/Data Specialist

I certify that all test results meet all of the requirements of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on October 10, 2006.

David E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 85 pages.

Protecting Our Environmental Future

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0609691

CHAIN OF CUSTODY: The chain of custody number was 10476.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 2 degrees C.

SAMPLE MANAGEMENT: All samples received were intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Approved: 28-SEP-06
Stephanie Mossburg

Laboratory Data Package Cover Page

00092428

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

✓R1 Field chain-of-custody documentation;

✓R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10
b) dilution factors,
c) preparation methods,
d) Cleanup methods, and
e) If required for the project, tentatively identified compounds (TICs)

✓R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and
b) The laboratory's surrogate QC limits.

✓R5 Test reports/summary forms for blank samples;

✓R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amount,
b) Calculated %R for each analyte, and
c) The laboratory"s LCS QC limits.

✓R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,
b) MS/MSD spiking amounts,
c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
d) Calculated %R and relative percent differences (RPDs), and
e) The laboratory's MS/MSD QC limits

✓R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,
b) the calculated RPD, and
c) the laboratory's QC limits for anlytical duplicates.

✓R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

✓R10 Other problems or anomalies.

✓The exception Report for every "No" or "Not Reviewed (NR)" item IN laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [✓] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

MIKE D. ALBERTSON		Volatiles Lab Supervisor	October 10, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609691
Project Name:	798-LONGHORN
Method:	8260B
Prep Batch Number(s):	WG223657,WG223695,WG223967
Reviewer Name:	MIKE D. ALBERTSON
LRC Date:	October 10, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?	✓				
Were surrogate percent recoveries in all samples within the laboratory QC limits?		✓			1
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?	✓				
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?	✓				
Were ion abundance data within the method-required QC limits?	✓				
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?	✓				
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?	✓				
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

EXCEPTIONS REPORT

ER# - Description

1: 1,2-Dichloroethane-d4 exceeded the upper control limit in the un-diluted analysis of sample 01.

Footnotes:

(1) NA = Not applicable to method or project

(2) NR = Not reviewed

(3) ER# = Exception report number

LABORATORY REPORT

L0609691

00092432

10/10/06 15:33

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: Shaw E & I, Inc.
ABB Lummus Biulding
3010 Briarpark
Houston, TX 77042
Attention: Diane Mever

Account Number: 2773
Work ID: LHAAP

P.O. Number: 200328

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
29WW35	L0609691-01	26-SEP-06	27-SEP-06
29WW39	L0609691-02	26-SEP-06	27-SEP-06
TB	L0609691-03	26-SEP-06	27-SEP-06

Report Number: **L0609691**
Report Date : **October 10, 2006**

00092433

Sample Number: **L0609691-01**
Client ID: **29WW35**
Matrix: **Water**
Workgroup Number: **WG223657**
Collect Date: **09/26/2006 10:41**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 04:04**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 04:04**
File ID: **10M49404**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5	11.0		1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3	1.76		1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3	0.338	J	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2	2.27		1.00	0.250
trans-1,2-Dichloroethene	156-60-5	0.328	J	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	5480	I	5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125

Sample Number: **L0609691-01**
Client ID: **29WW35**
Matrix: **Water**
Workgroup Number: **WG223657**
Collect Date: **09/26/2006 10:41**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 04:04**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 04:04**
File ID: **10M49404**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6	123		1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	117	86	118	
1,2-Dichloroethane-d4	132	80	120	*
Toluene-d8	107	88	110	
4-Bromofluorobenzene	114	86	115	

***** Surrogate or spike compound out of range
I Semiquantitative result (out of instrument calibration range)
J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609691-01**
Client ID: **29WW35**
Matrix: **Water**
Workgroup Number: **WG223695**
Collect Date: **09/26/2006 10:41**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 15:36**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 15:36**
File ID: **10M49425**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	1000	250
Benzene	71-43-2		U	100	12.5
Bromobenzene	108-86-1		U	100	12.5
Bromochloromethane	74-97-5		U	100	20.0
Bromodichloromethane	75-27-4		U	100	25.0
Bromoform	75-25-2		U	100	50.0
Bromomethane	74-83-9		U	100	50.0
2-Butanone	78-93-3		U	1000	250
n-Butylbenzene	104-51-8		U	100	25.0
sec-Butylbenzene	135-98-8		U	100	25.0
tert-Butylbenzene	98-06-6		U	100	25.0
Carbon disulfide	75-15-0		U	100	50.0
Carbon tetrachloride	56-23-5		U	100	25.0

Report Number: **L0609691**
Report Date : **October 10, 2006**

00092435

Sample Number: **L0609691-01**
Client ID: **29WW35**
Matrix: **Water**
Workgroup Number: **WG223695**
Collect Date: **09/26/2006 10:41**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 15:36**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 15:36**
File ID: **10M49425**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chlorobenzene	108-90-7		U	100	12.5
Chlorodibromomethane	124-48-1		U	100	25.0
Chloroethane	75-00-3		U	100	50.0
2-Chloroethyl vinyl ether	110-75-8		U	1000	200
Chloroform	67-66-3		U	100	12.5
Chloromethane	74-87-3	50.4	J	100	25.0
2-Chlorotoluene	95-49-8		U	100	12.5
4-Chlorotoluene	106-43-4		U	100	25.0
1,2-Dibromo-3-chloropropane	96-12-8		U	500	100
1,2-Dibromoethane	106-93-4		U	100	25.0
Dibromomethane	74-95-3		U	100	25.0
1,2-Dichlorobenzene	95-50-1		U	100	12.5
1,3-Dichlorobenzene	541-73-1		U	100	25.0
1,4-Dichlorobenzene	106-46-7		U	100	12.5
Dichlorodifluoromethane	75-71-8		U	100	25.0
1,1-Dichloroethane	75-34-3		U	100	12.5
1,2-Dichloroethane	107-06-2		U	100	25.0
1,1-Dichloroethene	75-35-4		U	100	50.0
cis-1,2-Dichloroethene	156-59-2		U	100	25.0
trans-1,2-Dichloroethene	156-60-5		U	100	25.0
1,2-Dichloropropane	78-87-5		U	100	20.0
1,3-Dichloropropane	142-28-9		U	100	20.0
2,2-Dichloropropane	594-20-7		U	100	25.0
cis-1,3-Dichloropropene	10061-01-5		U	100	25.0
trans-1,3-Dichloropropene	10061-02-6		U	100	50.0
1,1-Dichloropropene	563-58-6		U	100	25.0
Ethylbenzene	100-41-4		U	100	25.0
2-Hexanone	591-78-6		U	1000	250
Hexachlorobutadiene	87-68-3		U	100	25.0
Isopropylbenzene	98-82-8		U	100	25.0
p-Isopropyltoluene	99-87-6		U	100	25.0
4-Methyl-2-pentanone	108-10-1		U	1000	250
Methylene chloride	75-09-2	8770		500	25.0
Naphthalene	91-20-3		U	100	20.0
n-Propylbenzene	103-65-1		U	100	12.5
Styrene	100-42-5		U	100	12.5
1,1,1,2-Tetrachloroethane	630-20-6		U	100	25.0
1,1,2,2-Tetrachloroethane	79-34-5		U	100	12.5
Tetrachloroethene	127-18-4		U	100	25.0
Toluene	108-88-3		U	100	25.0
1,2,3-Trichlorobenzene	87-61-6		U	100	12.5
1,2,4-Trichlorobenzene	120-82-1		U	100	20.0
1,1,1-Trichloroethane	71-55-6		U	100	25.0
1,1,2-Trichloroethane	79-00-5		U	100	25.0
Trichloroethene	79-01-6	107		100	25.0
Trichlorofluoromethane	75-69-4		U	100	25.0
1,2,3-Trichloropropane	96-18-4		U	100	50.0
1,2,4-Trimethylbenzene	95-63-6		U	100	25.0

Sample Number: **L0609691-01**
Client ID: **29WW35**
Matrix: **Water**
Workgroup Number: **WG223695**
Collect Date: **09/26/2006 10:41**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 15:36**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 15:36**
File ID: **10M49425**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trimethylbenzene	108-67-8		U	100	25.0
Vinyl acetate	108-05-4		U	1000	250
Vinyl chloride	75-01-4		U	100	25.0
o-Xylene	95-47-6		U	100	25.0
m-,p-Xylene	136777-61-2		U	100	50.0

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	108	86	118	
1,2-Dichloroethane-d4	119	80	120	
Toluene-d8	105	88	110	
4-Bromofluorobenzene	108	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609691-02**
Client ID: **29WW39**
Matrix: **Water**
Workgroup Number: **WG223967**
Collect Date: **09/26/2006 15:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **10/02/2006 23:56**
Cal Date: **09/26/2006 17:01**
Run Date: **10/02/2006 23:56**
File ID: **10M49554**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125

Report Number: **L0609691**
Report Date : **October 10, 2006**

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Sample Number: **L0609691-02**
Client ID: **29WW39**
Matrix: **Water**
Workgroup Number: **WG223967**
Collect Date: **09/26/2006 15:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **10/02/2006 23:56**
Cal Date: **09/26/2006 17:01**
Run Date: **10/02/2006 23:56**
File ID: **10M49554**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	14.5		5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6	0.683	J	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	101	86	118	
1,2-Dichloroethane-d4	105	80	120	
Toluene-d8	102	88	110	
4-Bromofluorobenzene	108	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Report Number: **L0609691**
Report Date : **October 10, 2006**

00092438

Sample Number: **L0609691-03**
Client ID: **TB**
Matrix: **Water**
Workgroup Number: **WG223967**
Collect Date: **09/26/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **10/02/2006 22:51**
Cal Date: **09/26/2006 17:01**
Run Date: **10/02/2006 22:51**
File ID: **10M49552**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	0.887	J	5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125

Report Number: **L0609691**
Report Date : **October 10, 2006**

00092439

Sample Number: **L0609691-03**
Client ID: **TB**
Matrix: **Water**
Workgroup Number: **WG223967**
Collect Date: **09/26/2006 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **10/02/2006 22:51**
Cal Date: **09/26/2006 17:01**
Run Date: **10/02/2006 22:51**
File ID: **10M49552**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	101	86	118	
1,2-Dichloroethane-d4	100	80	120	
Toluene-d8	102	88	110	
4-Bromofluorobenzene	106	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

WORKGROUP SUMMARY BY METHOD

Analysis: Volatile Organics
Analytical Method: 8260B
Workgroup: WG223657

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609691-01	29WW35			09/29/06 04:04	01	HPMS10	MES

Analysis: Volatile Organics
Extraction Method: 5030B
Workgroup: WG223657

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609691-01	29WW35				223657	HPMS10	MES

Analysis: Volatile Organics
Analytical Method: 8260B
Workgroup: WG223695

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609691-01	29WW35			09/29/06 15:36	DL01	HPMS10	MES

Analysis: Volatile Organics
Extraction Method: 5030B
Workgroup: WG223695

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609691-01	29WW35				223695	HPMS10	MES

Analysis: Volatile Organics
Analytical Method: 8260B
Workgroup: WG223967

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609691-02	29WW39			10/02/06 23:56	01	HPMS10	MES
L0609691-03	TB			10/02/06 22:51	01	HPMS10	MES

Analysis: Volatile Organics
Extraction Method: 5030B
Workgroup: WG223967

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609691-02	29WW39				223967	HPMS10	MES
L0609691-03	TB				223967	HPMS10	MES

Kemron Environmental Services
Analyst Listing
October 10, 2006

AJF – AMANDA J. FICKIESEN
ALB – ANNIE L. BOCK
ALT – ANN L. THAYER
ARA – ADRIAN R. ACHTERMANN
BRG – BRENDA R. GREGORY
CAA – CASSIE A. AUGENSTEIN
CAF – CHERYL A. FLOWERS
CAK – CHERYL A. KOELSCH
CEB – CHAD E. BARNES
CFB – CHAD F. BOOK
CLC – CHRYS L. CRAWFORD
CLS – CARA L. STRICKLER
CLW – CHARISSA L. WINTERS
CM – CHARLIE MARTIN
CMS – CRYSTAL M. STEPHENS
CPD – CHAD P. DAVIS
CSA – LUCINDA S. ARNOLD
CSH – CHRIS S. HILL
DAS – DALLAS A. SULLIVAN
DD – DIANE M. DENNIS
DDE – DEBRA D. ELLIOTT
DEL – DON E. LIGHTFRITZ
DEV – DAVID E. VANDENBERG
DGB – DOUGLAS G. BUTCHER
DIH – DEANNA I. HESSON
DJ – DONGPING JIANG
DLB – DAVID L. BUMGARNER
DLP – DOROTHY L. PAYNE
DLR – DIANNA L. RAUCH
DR – DEANNA ROBERTS
DRP – DAVE R. PITZER
DSM – DAVID S. MOSSOR
DST – DENNIS S. TEPE
ECL – ERIC C. LAWSON
ED – EMILY E. DECKER
FJB – FRANCES J. BOLDEN
HAV – HEMA VILASAGAR
JAL – JOHN A. LENT
JKT – JANE K. THOMPSON
JLS – JANICE L. SCHIMMEL
JNB – JOSHUA N. BOOTH
JS – JENNIFER L. SOUTHALL
JWR – JOHN W. RICHARDS
JWS – JACK W. SHEAVES
JYH – JI Y. HU
KCZ – KEVIN C. ZUMBRO
KEB – KATHRYN E. BARNES
KHR – KIM H. RHODES
KRA – KATHY R. ALBERTSON
LKN – LINDA K. NEDEFF
LSB – LESLIE S. BUCINA
MDA – MIKE D. ALBERTSON
MDC – MICHAEL D. COCHRAN
MES – MARY E. SCHILLING
MKZ – MARILYN K. ZUMBRO
MLR – MARY L. ROCHOTTE
MLS – MICHAEL L. SCHIMMEL
MMB – MAREN M. BEERY
MSW – MATT S. WILSON
NJB – NATALIE J. BOOTH
PAS – PATRICK A. STREET
PJM – PAUL J. MILLER
RB – ROBERT BUCHANAN
RDC – REBECCA D. CUTLIP
REK – ROBERT E. KYER
RNP – RICK N. PETTY
RWC – RODNEY W. CAMPBELL
SCM – SUSAN C. MOELLENDICK
SLM – STEPHANIE L. MOSSBURG
SLP – SHERI L. PFALZGRAF
SMH – SHAUNA M. HYDE
SRM – SAMUEL R. MCFEE
TMB – TIFFANY M. BAILEY
TMM – TAMMY M. MORRIS
VC – VICKI COLLIER
WFM – WALTER F. MARTIN

KEMRON Environmental Services

List of Valid Qualifiers

October 10, 2006

00092444

Qualkey: STD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
FL	Free Liquid
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL.
J,P	ESTIMATE & COLUMNS DON'T AGREE TO WITHIN 40%
L	Sample reporting limits elevated due to matrix interference
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
Z	Cannot be resolved from isomer - see below

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methylphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound an are matrix dependent.

Organic QA/QC

KEMRON Environmental Services
Data Checklist

00092446

Date: 26-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 12508
Analytical Workgroups: WG223354

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	NA
Project/Client Specific Requirements	NA
Special Standards	NA
Blanks	NA
TCL's	NA
Surrogates	NA
LCS (Laboratory Control Sample)	NA
Recoveries	NA
Surrogates	NA
MS/MSD/Duplicates	NA
Samples	NA
TCL Hits	NA
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Case Narrative	NA
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
27-SEP-2006

Secondary Reviewer:
28-SEP-2006

Generated: SEP-28-2006 16:22:48

00092447

KEMRON Environmental Services
Data Checklist

Date: 28-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 12550
Analytical Workgroups: WG223577,WG223657

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	X
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
29-SEP-2006

Secondary Reviewer:
29-SEP-2006

Generated: SEP-29-2006 13:20:15

00092448

KEMRON Environmental Services
Data Checklist

Date: 29-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 12562
Analytical Workgroups: WG223695,WG223778

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	X
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
29-SEP-2006

Secondary Reviewer:
05-OCT-2006

Generated: OCT-05-2006 07:54:57

KEMRON Environmental Services
Data Checklist

00092449

Date: 09-OCT-2006
Analyst: MES
Analyst: NA
Method: 8260B
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 12698
Analytical Workgroups: WG223854

System Performance Check	X
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	NA
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	
Secondary Reviewer	
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer: 09-OCT-2006
Secondary Reviewer:

Generated: OCT-09-2006 14:47:41

00092450

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 092606

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15878

Internal Standard: STD15077 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223354

Comments: Instrument blew filament 1 last night-switched to filament 2.
Oxygenate portion of this curve did not work for 1,4-dioxane.

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M49296	50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 08:52
2	10M49297	50ug/L WATER STD	NA	1	1	STD15104	09/26/06 09:19
3	10M49298	50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 09:49
4	10M49299	50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 10:09
5	10M49300	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 10:24
6	10M49301	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 10:50
7	10M49302	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 11:19
8	10M49303	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 11:50
9	10M49304	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 12:02
10	10M49305	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 12:20
11	10M49306	WG223354-02 0.3ug/L WATER STD 8260	NA	1	1	STD15356	09/26/06 12:47
12	10M49307	WG223354-03 0.4 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 13:19
13	10M49308	WG223354-04 1 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 13:52
14	10M49309	WG223354-05 2 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 14:23
15	10M49310	WG223354-06 5 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 14:54
16	10M49311	WG223354-07 20 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 15:26
17	10M49312	WG223354-08 50 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 15:57
18	10M49313	WG223354-09 100 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 16:30
19	10M49314	WG223354-10 200 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 17:01
20	10M49315	SYSTEM BLANK	NA	1	1		09/26/06 17:33
21	10M49316	WG223354 50ug/L MA OXYGENATE STD	NA	1	1	STD15129	09/26/06 18:03
22	10M49317	WG223354-11 20ug/L ALT SOURCE	NA	1	1	STD15360	09/26/06 18:35

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2				
File ID: 10M49297				
			standard fails-run a curve.	
5				
File ID: 10M49300				
			BFB failed.	
6				

Approved: September 28, 2006

Page: 1 of 2

KEMRON Environmental Services

Instrument Run Log

00092451

Instrument: HPMS10 Dataset: 092606

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15878

Internal Standard: STD15077 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223354

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 10M49301				
			BFB failed. Retune.	
7				
File ID: 10M49302				
			Tuning.	
8				
File ID: 10M49303				
			Tuning.	
9				
File ID: 10M49304				
			Tuning.	
21				
File ID: 10M49316				
			Do not report.	

Approved: September 28, 2006

00092452

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 092806

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15917

Internal Standard: STD15077 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: STD15660

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223577,WG223657

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M49366	WG223576-01 50NG BFB STD 8260	NA	1	1	STD14811	09/28/06 08:33
2	10M49367	WG223576-02 50 ug/L WATER STD 8260	NA	1	1	STD15356	09/28/06 08:59
3	10M49368	WG223577-01 EXT VBLK0928 BLANK 826	NA	7	50		09/28/06 09:30
4	10M49369	WG223577-02 20ug/L EXT LCS 8260	NA	7	50	STD15360	09/28/06 10:02
5	10M49370	L0609594-01 C M1 90X 826-SPE 5.70g/10m	NA	7	50		09/28/06 10:34
6	10M49371	WG223577-03 MRL CHECK 1	NA	7	1	STD15356	09/28/06 11:05
7	10M49372	WG223577-03 MRL CHECK 1	NA	7	1	STD15356	09/28/06 11:38
8	10M49373	WG223577-03 MRL CHECK 1	NA	7	1	STD15356	09/28/06 12:10
9	10M49374	L0609460-02 M1 1000X 826-SPE 5.37g/10m	NA	7	500		09/28/06 12:41
10	10M49375	L0609501-01 100000X 8260 5.98g/10mL	NA	7	50000		09/28/06 13:14
11	10M49376	WG223577-03 MRL CHECK 2	NA	7	1		09/28/06 13:45
12	10M49377	L0609501-03 25000X 8260 5.98g/5mL	NA	7	25000		09/28/06 14:17
13	10M49378	L0609501-04 MS 25000X 8260 6.20g/5mL	NA	7	25000		09/28/06 14:49
14	10M49379	L0609501-05 MSD 25000X 8260 5.51g/5m	NA	7	25000		09/28/06 15:23
15	10M49380	L0609501-09 50000X 8260 5.64g/10mL	NA	7	25000		09/28/06 15:55
16	10M49381	L0609501-01 25000X 8260 5.98g/5mL	NA	7	25000		09/28/06 16:27
17	10M49382	SYSTEM CHECK	NA	1	1		09/28/06 16:59
43	10M49383	WG223656-01 50NG BFB STD 8260	NA	1	1	STD14811	09/28/06 17:25
18	10M49384	WG223656-01 50NG BFB STD 8260	NA	1	1	STD14811	09/28/06 17:37
44	10M49385	WG223656-02 50ug/L WATER STD 8260	NA	1	1	STD15356	09/28/06 17:59
19	10M49386	WG223657-01 VBLK0928 BLANK 8260	NA	1	1		09/28/06 18:31
20	10M49387	WG223657-01 VBLK0928 BLANK 8260	NA	1	1		09/28/06 19:03
21	10M49388	WG223657-02 20ug/L LCS 8260	NA	1	1	STD15360	09/28/06 19:35
22	10M49389	WG223657-03 20ug/L LCSDUP 8260	NA	1	1	STD15360	09/28/06 20:08
23	10M49390	L0609651-05 B D1 10X 826-LOW	<2	1	10		09/28/06 20:40
24	10M49391	L0609701-02 A 8260	7	1	1		09/28/06 21:12
25	10M49392	L0609528-19 B 826-SPE	<2	1	1		09/28/06 21:44
26	10M49393	L0609488-01 B D1 10X 826-SPE1	5	1	10		09/28/06 22:15
27	10M49394	L0609524-19 B D1 50X 826-LOW	<2	1	50		09/28/06 22:47
28	10M49395	L0609524-10 B 826-LOW	<2	1	1		09/28/06 23:19
29	10M49396	L0609497-02 A 826-LOW	<2	1	1		09/28/06 23:51
30	10M49397	L0609525-08 A 826-LOW	<2	1	1		09/29/06 00:22

Approved: September 29, 2006

KEMRON Environmental Services

Instrument Run Log

00092453

Instrument: HPMS10 Dataset: 092806
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15917

Internal Standard: STD15077 Surrogate Standard: STD15264
CCV: STD15356 LCS: STD15360 MS/MSD: STD15660

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223577,WG223657

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
31	10M49398	L0609519-15 A 826-LOW	<2	1	1		09/29/06 00:54
32	10M49399	L0609498-01 A 826-SPE	<2	1	1		09/29/06 01:26
33	10M49400	L0609524-14 B 826-LOW	<2	1	1		09/29/06 01:57
34	10M49401	L0609497-01 A 826-LOW	<2	1	1		09/29/06 02:29
35	10M49402	L0609519-16 A 826-LOW	<2	1	1		09/29/06 03:00
36	10M49403	L0609519-17 A 826-LOW	<2	1	1		09/29/06 03:32
37	10M49404	L0609691-01 A 826-LOW	7	1	1		09/29/06 04:04
38	10M49405	L0609691-02 A 826-LOW	<2	1	1		09/29/06 04:35
39	10M49406	L0609498-02 A 826-SPE	<2	1	1		09/29/06 05:07
40	10M49407	L0609498-03 A 826-SPE	<2	1	1		09/29/06 05:38
41	10M49408	SYSTEM CHECK	NA	1	1		09/29/06 06:10
42	10M49409	SYSTEM CHECK	NA	1	1		09/29/06 06:41

Comments

Seq.	Rerun	Dil.	Reason	Analytes
6				
File ID: 10M49371				
RR for m/p-xylene.				
7				
File ID: 10M49372				
No SS-do not report.				
10	X	50000	Analyzed too dilute	
File ID: 10M49375				
Do not report.				
25				
File ID: 10M49392				
A1 to 00.				
37	X	100	Over Calibration Range	methylene chloride
File ID: 10M49404				
38	X	1	Carry-over contamination	
File ID: 10M49405				
Do not report.				

Approved: September 29, 2006

KEMRON Environmental Services

Instrument Run Log

00092454

Instrument: HPMS10 Dataset: 092806

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15917

Internal Standard: STD15077 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: STD15660

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223577,WG223657

Comments

Seq.	Rerun	Dil.	Reason	Analytes
39	X	1	Surrogate standard failure	
File ID: 10M49406				
Do not report.				
40	X	1	Missed Tune	
File ID: 10M49407				

Approved: September 29, 2006

00092455

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 092906

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15930

Internal Standard: STD15436 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223695,WG223778

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M49411	WG223694-01 50NG BFB STD 8260	NA	1	1	STD14811	09/29/06 08:22
2	10M49412	WG223694-02 50ug/L WATER STD 8260	NA	1	1	STD15356	09/29/06 08:44
3	10M49413	WG223695-01 VBLK0929 BLANK 8260	NA	1	1		09/29/06 09:16
4	10M49414	WG223695-02 20ug/L LCS 8260	NA	1	1	STD15360	09/29/06 09:48
5	10M49415	L0609587-14 A 826-SPE	<2	1	1		09/29/06 10:20
6	10M49416	L0609587-15 A 826-SPE	<2	1	1		09/29/06 10:51
7	10M49417	L0609587-16 A 826-SPE	<2	1	1		09/29/06 11:23
8	10M49418	L0609587-03 A 826-SPE	<2	1	1		09/29/06 11:55
9	10M49419	L0609587-04 MS A 826-SPE	<2	1	1	STD15360	09/29/06 12:26
10	10M49420	L0609587-05 MSD A 826-SPE	<2	1	1	STD15360	09/29/06 12:57
11	10M49421	L0607001-01 8260	NA	1	1	STD15356	09/29/06 13:29
12	10M49422	L0607002-01 8260	NA	1	1	STD15356	09/29/06 14:02
13	10M49423	L0607001-01 8260	NA	1	1	STD15356	09/29/06 14:33
14	10M49424	L0607002-01 8260	NA	1	1	STD15356	09/29/06 15:05
15	10M49425	L0609691-01 B D1 100X 826-LOW	6	1	100		09/29/06 15:36
16	10M49426	L0609610-01 A 8260	5	1	1		09/29/06 16:08
17	10M49427	L0609610-02 A 8260	<2	1	1		09/29/06 16:39
18	10M49428	SYSTEM CHECK	NA	1	1		09/29/06 17:11
19	10M49429	WG223777-01 50NG BFB STD 8260	NA	1	1	STD14811	09/29/06 17:38
20	10M49430	WG223777-02 50ug/L WATER STD 8260	NA	1	1	STD15356	09/29/06 17:59
21	10M49431	WG223778-01 VBLK0929 BLANK 8260	NA	1	1		09/29/06 18:31
22	10M49432	WG223778-02 20ug/L LCS 8260	NA	1	1	STD15360	09/29/06 19:04
23	10M49433	L0609603-01 A 826-LOW	<2	1	1		09/29/06 19:36
24	10M49434	L0609540-28 A 826-LOW	<2	1	1		09/29/06 20:08
25	10M49435	L0609711-01 A 826-LOW	<2	1	1		09/29/06 20:40
26	10M49436	L0609711-02 A 826-LOW	<2	1	1		09/29/06 21:12
27	10M49437	L0609783-02 A 826-LOW	7	1	1		09/29/06 21:44
28	10M49438	L0609530-01 A 826-LOW	<2	1	1		09/29/06 22:16
29	10M49439	L0609540-27 A 826-LOW	<2	1	1		09/29/06 22:48
30	10M49440	WG223778-03 L0609584-	<2	1	1		09/29/06 23:20
31	10M49441	WG223778-04 L0609584-17	<2	1	1	STD15360	09/29/06 23:51
32	10M49442	WG223778-05 L0609584-19 M	<2	1	1	STD15360	09/30/06 00:23

Approved: October 05, 2006

KEMRON Environmental Services

Instrument Run Log

00092456

Instrument: HPMS10 Dataset: 092906
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15930

Internal Standard: STD15436 Surrogate Standard: STD15264
CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223695,WG223778

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
33	10M49443	L0609603-04 A 826-LOW	<2	1	1		09/30/06 00:55
34	10M49444	L0609584-03 A 826-LOW	<2	1	1		09/30/06 01:26
35	10M49445	L0609584-05 A 826-LOW	<2	1	1		09/30/06 01:58
36	10M49446	L0609584-07 A 826-LOW	<2	1	1		09/30/06 02:30
37	10M49447	L0609584-09 A 826-LOW	<2	1	1		09/30/06 03:02
38	10M49448	L0609584-11 A 826-LOW	<2	1	1		09/30/06 03:33
39	10M49449	L0609584-13 A 826-LOW	<2	1	1		09/30/06 04:05
40	10M49450	L0609584-21 A 826-LOW	<2	1	1		09/30/06 04:37
41	10M49451	SYSTEM CHECK	NA	1	1		09/30/06 05:09
42	10M49452	SYSTEM CHECK	NA	1	1		09/30/06 05:41

Comments

Seq.	Rerun	Dil.	Reason	Analytes
27	X	100	Over Calibration Range	PCE
File ID: 10M49437				
28	X	1	Carry-over contamination	
File ID: 10M49438				
Do not report.				
29	X	50000	Over Calibration Range	methylene chloride and TCE
File ID: 10M49439				
30	X	1	Carry-over contamination	
File ID: 10M49440				
QC only.				
31	X	1	Carry-over contamination	
File ID: 10M49441				
QC only.				
32	X	1	Carry-over contamination	
File ID: 10M49442				
QC only.				
33				
File ID: 10M49443				

Approved: October 05, 2006

KEMRON Environmental Services

Instrument Run Log

00092457

Instrument: HPMS10 Dataset: 092906

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15930

Internal Standard: STD15436 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223695,WG223778

Comments

Seq.	Rerun	Dil.	Reason	Analytes
			Carryover-do not report.	
34				
File ID: 10M49444				
			Carryover-do not report.	
35				
File ID: 10M49445				
			Carryover-do not report.	
36				
File ID: 10M49446				
			Carryover-do not report.	
37				
File ID: 10M49447				
			Carryover-do not report.	
38				
File ID: 10M49448				
			Carryover-do not report.	
39				
File ID: 10M49449				
			Carryover-do not report.	
40				
File ID: 10M49450				
			Carryover-do not report.	

Approved: October 05, 2006

00092458

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 100206

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16055

Internal Standard: STD15436 Surrogate Standard: STD15602

CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223854

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M49523	WG223853-01 50NG BFB STD 8260	NA	1	1	STD14811	10/02/06 07:38
2	10M49524	WG223853-02 50ug/L WATER STD 8260	NA	1	1	STD15356	10/02/06 08:05
3	10M49525	WG223854-01 VBLK1002 BLANK 8260	NA	1	1		10/02/06 08:37
4	10M49526	WG223854-01 VBLK1002 BLANK 8260	NA	1	1		10/02/06 09:08
5	10M49527	WG223854-02 20ug/L LCS 8260	NA	1	1	STD15360	10/02/06 09:40
6	10M49528	L0609634-09 B 10X 8260	<2	1	10		10/02/06 10:12
7	10M49529	L0609634-11 B 10X 8260	<2	1	10		10/02/06 10:44
8	10M49530	L0609753-03 A 826-SPE1	<2	1	1		10/02/06 11:16
9	10M49531	L0609753-04 A 826-SPE1	<2	1	1		10/02/06 11:48
10	10M49532	L0609641-05 A 826-LOW	<2	1	1		10/02/06 12:19
11	10M49533	L0609641-06 MS A 826-LOW	<2	1	1	STD15360	10/02/06 12:51
12	10M49534	L0609641-07 MSD A 826-LOW	<2	1	1	STD15360	10/02/06 13:22
13	10M49535	L0609753-06 A 826-SPE1	<2	1	1		10/02/06 13:53
14	10M49536	L0609753-07 A 826-SPE1	<2	1	1		10/02/06 14:24
15	10M49537	L0609753-08 A 826-SPE1	<2	1	1		10/02/06 14:55
16	10M49538	L0609753-11 A 826-SPE1	<2	1	1		10/02/06 15:25
17	10M49539	L0609753-12 A 826-SPE1	<2	1	1		10/02/06 15:56
18	10M49540	L0609753-02 A 10X 826-SPE1	<2	1	10		10/02/06 16:28
19	10M49541	L0609753-05 A 20X 826-SPE1	<2	1	20		10/02/06 16:59
20	10M49542	L0609753-09 A 10X 826-SPE1	<2	1	10		10/02/06 17:29
21	10M49543	WG223965-01 50NG BFB STD 8260	NA	1	1	STD14811	10/02/06 18:13
22	10M49544	WG223965-02 50ug/L WATER STD 8260	NA	1	1	STD15356	10/02/06 18:35
23	10M49545	WG223967-01 VBLK1002 BLANK 8260	NA	1	1		10/02/06 19:06
24	10M49546	WG223967-01 VBLK1002 BLANK 8260	NA	1	1		10/02/06 19:38
25	10M49547	WG223967-02 20ug/L LCS 8260	NA	1	1	STD15360	10/02/06 20:10
26	10M49548	WG223967-03 20ug/L LCSDUP 8260	NA	1	1	STD15360	10/02/06 20:42
27	10M49549	L0609753-10 A 5X 826-SPE1	<2	1	5		10/02/06 21:14
28	10M49550	L0609753-05 B D1 100X 826-SPE1	<2	1	100		10/02/06 21:46
29	10M49551	L0609753-09 B D1 50X 826-SPE1	<2	1	50		10/02/06 22:18
30	10M49552	L0609691-03 A 826-LOW	<2	1	1		10/02/06 22:51
31	10M49553	L0609641-18 A 826-LOW	<2	1	1		10/02/06 23:23
32	10M49554	L0609691-02 A 826-LOW	<2	1	1		10/02/06 23:56

Approved: October 10, 2006

KEMRON Environmental Services

Instrument Run Log

00092459

Instrument: HPMS10 Dataset: 100206

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16055

Internal Standard: STD15436 Surrogate Standard: STD15602

CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223854

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
33	10M49555	L0609654-12 A 826-LOW	<2	1	1		10/03/06 00:28
34	10M49556	L0609641-01 A 826-LOW	<2	1	1		10/03/06 01:00
35	10M49557	L0609641-02 A 826-LOW	<2	1	1		10/03/06 01:32
36	10M49558	L0609641-14 A 826-LOW	<2	1	1		10/03/06 02:05
37	10M49559	L0609641-15 A 826-LOW	<2	1	1		10/03/06 02:36
38	10M49560	L0609641-16 A 826-LOW	<2	1	1		10/03/06 03:09
39	10M49561	L0609641-17 A 826-LOW	<2	1	1		10/03/06 03:41
40	10M49562	L0609627-01 A 826-SPE	<2	1	1		10/03/06 04:13
41	10M49563	L0609627-02 A 826-SPE	<2	1	1		10/03/06 04:45
42	10M49564	L0609627-03 A 826-SPE	<2	1	1		10/03/06 05:17
43	10M49565	SYSTEM CHECK	NA	1	1		10/03/06 05:49
44	10M49566	SYSTEM CHECK	NA	1	1		10/03/06 06:21
45	10M49567	SYSTEM CHECK	NA	1	1		10/03/06 07:42

Comments

Seq.	Rerun	Dil.	Reason	Analytes
19				
File ID: 10M49541				
	RR 100x toluene			
20				
File ID: 10M49542				
	RR 50x toluene			

Approved: October 10, 2006

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092460

Analytical Method: 8260B AAB#: WG223657

Login Number: L0609691

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WW35	09/26/06	09/27/06	09/29/06	14	2.72	09/29/06	14	2.72	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092461

Analytical Method: 8260B AAB#: WG223695

Login Number: L0609691

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WW35	09/26/06	09/27/06	09/29/06	14	3.20	09/29/06	14	3.20	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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Version 1.5 PDF File ID: 592041
Report generated 10/10/2006 14:51

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092462

Analytical Method: 8260B AAB#: WG223967

Login Number: L0609691

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WW39	09/26/06	09/27/06	10/02/06	14	6.37	10/02/06	14	6.37	
TB	09/26/06	09/27/06	10/02/06	14	6.58	10/02/06	14	6.58	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 592041
Report generated 10/10/2006 14:51

SURROGATE STANDARDS

00092463

Login Number: L0609691
Instrument Id: HPMS10
Workgroup (AAB#): WG223657

Method: 8260
CAL ID: HPMS10-26-SEP-06
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0609691-01	1.00	01	132	117	114	107
WG223657-01	1.00	01	104	102	105	103
WG223657-02	1.00	01	105	105	106	103
WG223657-03	1.00	01	103	104	106	103

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

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Report generated 10/10/2006 14:51

SURROGATE STANDARDS

00092464

Login Number: L0609691
Instrument Id: HPMS10
Workgroup (AAB#): WG223695

Method: 8260
CAL ID: HPMS10-26-SEP-06
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0609691-01	100	DL01	119	108	108	105
WG223695-01	1.00	01	101	101	103	105
WG223695-02	1.00	01	103	105	105	104

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 592052
Report generated 10/10/2006 14:51

SURROGATE STANDARDS

00092465

Login Number: L0609691
Instrument Id: HPMS10
Workgroup (AAB#): WG223967

Method: 8260
CAL ID: HPMS10-26-SEP-06
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0609691-02	1.00	01	105	101	108	102
L0609691-03	1.00	01	100	101	106	102
WG223967-01	1.00	01	98.7	98.3	106	102
WG223967-02	1.00	01	98.1	101	105	101
WG223967-03	1.00	01	99.4	103	105	102

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

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Version 1.5 PDF File ID: 592052
Report generated 10/10/2006 14:51

METHOD BLANK SUMMARY

00092466

Login Number: L0609691
Blank File ID: 10M49387
Date Analyzed: 09/28/06
Time Analyzed: 19:03
Analyst: MES

Work Group: WG223657
Blank Sample ID: WG223657-01
Instrument ID: HPMS10
Method: 8260B

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223657-02	10M49388	09/28/06 19:35	01
LCS2	WG223657-03	10M49389	09/28/06 20:08	01
29WW35	L0609691-01	10M49404	09/29/06 04:04	01

METHOD BLANK SUMMARY

00092467

Login Number: L0609691
Work Group: WG223695
Blank File ID: 10M49413
Blank Sample ID: WG223695-01
Date Analyzed: 09/29/06
Instrument ID: HPMS10
Time Analyzed: 09:16
Method: 8260B
Analyst: MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223695-02	10M49414	09/29/06 09:48	01
29WW35	L0609691-01	10M49425	09/29/06 15:36	DL01

METHOD BLANK SUMMARY

00092468

Login Number: L0609691
Work Group: WG223967
Blank File ID: 10M49546
Blank Sample ID: WG223967-01
Date Analyzed: 10/02/06
Instrument ID: HPMS10
Time Analyzed: 19:38
Method: 8260B
Analyst: MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223967-02	10M49547	10/02/06 20:10	01
LCS2	WG223967-03	10M49548	10/02/06 20:42	01
TB	L0609691-03	10M49552	10/02/06 22:51	01
29WW39	L0609691-02	10M49554	10/02/06 23:56	01

KEMRON Environmental Services

METHOD BLANK REPORT

00092469

Login Number:L0609691 Run Date:09/28/2006 Sample ID:WG223657-01
Instrument ID:HPMS10 Run Time:19:03 Prep Method:5030B
File ID:10M49387 Analyst:MES Method:8260B
Workgroup (AAB#):WG223657 Matrix:Water Units:ug/L
Contract #:DACA56-94-D-0020 Cal ID:HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.250	1	U

KEMRON FORMS - Modified 10/10/2006
Version 1.5 PDF File ID: 592043
Report generated 10/10/2006 14:51

KEMRON Environmental Services

METHOD BLANK REPORT

00092470

Login Number: L0609691 Run Date: 09/28/2006 Sample ID: WG223657-01
Instrument ID: HPMS10 Run Time: 19:03 Prep Method: 5030B
File ID: 10M49387 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223657 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Naphthalene	0.200	1.00	0.200	1	U
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.125	1	U
1,2,4-Trichlorobenzene	0.200	1.00	0.200	1	U
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	102	86 - 118	PASS
1,2-Dichloroethane-d4	104	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	105	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

METHOD BLANK REPORT

00092471

Login Number:L0609691 Run Date:09/29/2006 Sample ID:WG223695-01
Instrument ID:HPMS10 Run Time:09:16 Prep Method:5030B
File ID:10M49413 Analyst:MES Method:8260B
Workgroup (AAB#):WG223695 Matrix:Water Units:ug/L
Contract #:DACA56-94-D-0020 Cal ID:HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.832	1	J

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METHOD BLANK REPORT

00092472

Login Number: L0609691 Run Date: 09/29/2006 Sample ID: WG223695-01
Instrument ID: HPMS10 Run Time: 09:16 Prep Method: 5030B
File ID: 10M49413 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223695 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Naphthalene	0.200	1.00	0.423	1	J
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.635	1	J
1,2,4-Trichlorobenzene	0.200	1.00	0.327	1	J
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	101	86 - 118	PASS
1,2-Dichloroethane-d4	101	80 - 120	PASS
Toluene-d8	105	88 - 110	PASS
4-Bromofluorobenzene	103	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

METHOD BLANK REPORT

00092473

Login Number: L0609691 Run Date: 10/02/2006 Sample ID: WG223967-01
Instrument ID: HPMS10 Run Time: 19:38 Prep Method: 5030B
File ID: 10M49546 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223967 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.250	1	U

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KEMRON Environmental Services

METHOD BLANK REPORT

00092474

Login Number: L0609691 Run Date: 10/02/2006 Sample ID: WG223967-01
Instrument ID: HPMS10 Run Time: 19:38 Prep Method: 5030B
File ID: 10M49546 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223967 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	0.541	1	J
Naphthalene	0.200	1.00	0.200	1	U
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.125	1	U
1,2,4-Trichlorobenzene	0.200	1.00	0.200	1	U
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	98.3	86 - 118	PASS
1,2-Dichloroethane-d4	98.7	80 - 120	PASS
Toluene-d8	102	88 - 110	PASS
4-Bromofluorobenzene	106	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092475

Login Number: L0609691 Run Date: 09/29/2006 Sample ID: WG223695-02
Instrument ID: HPMS10 Run Time: 09:48 Prep Method: 5030B
File ID: 10M49414 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223695 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	26.5	133	40 - 142	
Benzene	20.0	21.3	106	80 - 121	
Bromobenzene	20.0	22.0	110	80 - 120	
Bromochloromethane	20.0	23.7	118	65 - 130	
Bromodichloromethane	20.0	23.6	118	80 - 131	
Bromoform	20.0	22.5	113	70 - 130	
Bromomethane	20.0	19.3	96.7	30 - 145	
2-Butanone	20.0	23.7	119	30 - 150	
n-Butylbenzene	20.0	22.4	112	80 - 131	
sec-Butylbenzene	20.0	21.9	109	80 - 127	
tert-Butylbenzene	20.0	20.6	103	80 - 126	
Carbon disulfide	20.0	19.4	96.8	58 - 138	
Carbon tetrachloride	20.0	23.6	118	65 - 140	
Chlorobenzene	20.0	21.1	105	80 - 120	
Chlorodibromomethane	20.0	20.2	101	60 - 135	
Chloroethane	20.0	21.4	107	60 - 135	
2-Chloroethyl vinyl ether	20.0	22.6	113	58 - 151	
Chloroform	20.0	22.3	111	80 - 125	
Chloromethane	20.0	22.2	111	40 - 125	
2-Chlorotoluene	20.0	21.9	110	80 - 127	
4-Chlorotoluene	20.0	21.2	106	80 - 126	
1,2-Dibromo-3-chloropropane	20.0	19.8	99.1	50 - 130	
1,2-Dibromoethane	20.0	23.4	117	80 - 125	
Dibromomethane	20.0	24.0	120	75 - 125	
1,2-Dichlorobenzene	20.0	21.2	106	80 - 125	
1,3-Dichlorobenzene	20.0	20.9	105	80 - 120	
1,4-Dichlorobenzene	20.0	20.3	101	80 - 120	
Dichlorodifluoromethane	20.0	20.1	101	50 - 133	
1,1-Dichloroethane	20.0	22.2	111	80 - 125	
1,2-Dichloroethane	20.0	23.3	116	80 - 129	
1,1-Dichloroethene	20.0	22.1	110	80 - 132	
cis-1,2-Dichloroethene	20.0	22.3	111	70 - 125	
trans-1,2-Dichloroethene	20.0	21.9	109	80 - 127	
1,2-Dichloropropane	20.0	22.9	115	80 - 120	
1,3-Dichloropropane	20.0	23.2	116	80 - 120	
2,2-Dichloropropane	20.0	22.2	111	80 - 133	
cis-1,3-Dichloropropene	20.0	23.6	118	70 - 130	
trans-1,3-Dichloropropene	20.0	21.7	108	80 - 130	
1,1-Dichloropropene	20.0	22.4	112	75 - 130	
Ethylbenzene	20.0	22.0	110	80 - 122	
2-Hexanone	20.0	22.6	113	55 - 130	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092476

Login Number: L0609691 Run Date: 09/29/2006 Sample ID: WG223695-02
Instrument ID: HPMS10 Run Time: 09:48 Prep Method: 5030B
File ID: 10M49414 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223695 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	21.3	107	72 - 132	
Isopropylbenzene	20.0	20.3	101	80 - 122	
p-Isopropyltoluene	20.0	20.9	104	80 - 122	
4-Methyl-2-pentanone	20.0	24.0	120	64 - 140	
Methylene chloride	20.0	20.0	99.9	80 - 123	
Naphthalene	20.0	23.8	119	59 - 149	
n-Propylbenzene	20.0	22.0	110	80 - 129	
Styrene	20.0	20.3	101	80 - 123	
1,1,1,2-Tetrachloroethane	20.0	22.9	115	80 - 130	
1,1,2,2-Tetrachloroethane	20.0	23.3	117	79 - 125	
Tetrachloroethene	20.0	21.9	109	80 - 124	
Toluene	20.0	21.7	108	80 - 124	
1,2,3-Trichlorobenzene	20.0	21.8	109	55 - 140	
1,2,4-Trichlorobenzene	20.0	22.3	111	65 - 135	
1,1,1-Trichloroethane	20.0	23.4	117	80 - 134	
1,1,2-Trichloroethane	20.0	23.4	117	80 - 125	
Trichloroethene	20.0	22.3	112	80 - 122	
Trichlorofluoromethane	20.0	19.6	97.8	62 - 151	
1,2,3-Trichloropropane	20.0	23.3	116	75 - 125	
1,2,4-Trimethylbenzene	20.0	22.1	110	80 - 125	
1,3,5-Trimethylbenzene	20.0	22.6	113	80 - 127	
Vinyl acetate	20.0	5.80	29.0	10 - 150	
Vinyl chloride	20.0	21.1	106	65 - 140	
o-Xylene	20.0	22.3	111	80 - 122	
m-,p-Xylene	40.0	43.6	109	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	105	86 - 118	PASS
1,2-Dichloroethane-d4	103	80 - 120	PASS
Toluene-d8	104	88 - 110	PASS
4-Bromofluorobenzene	105	86 - 115	PASS

* FAILS %REC LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092477

Login Number:L0609691 Analyst:MES Prep Method:5030B
Instrument ID:HPMS10 Matrix:Water Method:8260B
Workgroup (AAB#):WG223657 Units:ug/L
Sample ID:WG223657-02 LCS File ID:10M49388 Run Date:09/28/2006 19:35
Sample ID:WG223657-03 LCS2 File ID:10M49389 Run Date:09/28/2006 20:08

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Acetone	20.0	27.8	139	20.0	27.5	138	1.00	40 - 142	20	
Benzene	20.0	21.0	105	20.0	20.0	100	4.77	80 - 121	20	
Bromobenzene	20.0	21.3	107	20.0	20.8	104	2.59	80 - 120	20	
Bromochloromethane	20.0	22.9	115	20.0	22.1	110	3.87	65 - 130	20	
Bromodichloromethane	20.0	23.2	116	20.0	22.3	111	4.06	80 - 131	20	
Bromoform	20.0	21.9	109	20.0	21.6	108	1.38	70 - 130	20	
Bromomethane	20.0	19.9	99.7	20.0	18.3	91.3	8.83	30 - 145	20	
2-Butanone	20.0	24.1	120	20.0	23.5	117	2.62	30 - 150	20	
n-Butylbenzene	20.0	20.6	103	20.0	19.7	98.7	4.27	80 - 131	20	
sec-Butylbenzene	20.0	21.2	106	20.0	20.6	103	2.78	80 - 127	20	
tert-Butylbenzene	20.0	19.8	99.0	20.0	19.6	97.8	1.18	80 - 126	20	
Carbon disulfide	20.0	19.1	95.6	20.0	18.1	90.6	5.42	58 - 138	20	
Carbon tetrachloride	20.0	23.5	117	20.0	22.0	110	6.34	65 - 140	20	
Chlorobenzene	20.0	20.7	104	20.0	19.9	99.6	3.94	80 - 120	20	
Chlorodibromomethane	20.0	20.2	101	20.0	19.4	96.8	4.06	60 - 135	20	
Chloroethane	20.0	20.6	103	20.0	19.4	96.8	6.16	60 - 135	20	
2-Chloroethyl vinyl ether	20.0	23.3	116	20.0	22.4	112	3.77	58 - 151	20	
Chloroform	20.0	22.2	111	20.0	21.1	105	5.09	80 - 125	20	
Chloromethane	20.0	22.3	112	20.0	21.1	105	5.55	40 - 125	20	
2-Chlorotoluene	20.0	21.5	107	20.0	20.8	104	3.37	80 - 127	20	
4-Chlorotoluene	20.0	21.1	105	20.0	20.3	101	3.89	80 - 126	20	
1,2-Dibromo-3-chloropropane	20.0	19.5	97.4	20.0	19.5	97.4	0.0707	50 - 130	20	
1,2-Dibromoethane	20.0	23.3	116	20.0	22.5	113	3.18	80 - 125	20	
Dibromomethane	20.0	23.9	119	20.0	23.3	116	2.46	75 - 125	20	
1,2-Dichlorobenzene	20.0	20.5	103	20.0	20.3	101	1.24	80 - 125	20	
1,3-Dichlorobenzene	20.0	20.1	100	20.0	19.9	99.3	1.21	80 - 120	20	
1,4-Dichlorobenzene	20.0	19.8	98.9	20.0	19.5	97.6	1.32	80 - 120	20	
Dichlorodifluoromethane	20.0	19.8	99.0	20.0	18.4	92.2	7.10	50 - 133	20	
1,1-Dichloroethane	20.0	21.9	110	20.0	21.0	105	4.51	80 - 125	20	
1,2-Dichloroethane	20.0	23.1	116	20.0	22.4	112	2.89	80 - 129	20	
1,1-Dichloroethene	20.0	22.0	110	20.0	20.8	104	5.90	80 - 132	20	
cis-1,2-Dichloroethene	20.0	21.8	109	20.0	21.1	105	3.22	70 - 125	20	
trans-1,2-Dichloroethene	20.0	21.7	108	20.0	20.7	104	4.49	80 - 127	20	
1,2-Dichloropropane	20.0	22.3	112	20.0	21.9	110	1.87	80 - 120	20	
1,3-Dichloropropane	20.0	22.7	113	20.0	22.3	111	1.80	80 - 120	20	
2,2-Dichloropropane	20.0	21.3	106	20.0	19.8	99.2	6.93	80 - 133	20	
cis-1,3-Dichloropropene	20.0	23.1	115	20.0	22.1	111	4.10	70 - 130	20	
trans-1,3-Dichloropropene	20.0	21.1	105	20.0	20.6	103	1.96	80 - 130	20	
1,1-Dichloropropene	20.0	22.2	111	20.0	21.0	105	5.48	75 - 130	20	
Ethylbenzene	20.0	21.5	107	20.0	20.6	103	4.42	80 - 122	20	
2-Hexanone	20.0	23.0	115	20.0	22.2	111	3.55	55 - 130	20	
Hexachlorobutadiene	20.0	20.3	101	20.0	19.9	99.6	1.65	72 - 132	20	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092478

Login Number:L0609691 Analyst:MES Prep Method:5030B
Instrument ID:HPMS10 Matrix:Water Method:8260B
Workgroup (AAB#):WG223657 Units:ug/L
Sample ID:WG223657-02 LCS File ID:10M49388 Run Date:09/28/2006 19:35
Sample ID:WG223657-03 LCS2 File ID:10M49389 Run Date:09/28/2006 20:08

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Isopropylbenzene	20.0	19.9	99.3	20.0	19.1	95.6	3.83	80 - 122	20	
p-Isopropyltoluene	20.0	20.0	100	20.0	19.3	96.7	3.33	80 - 122	20	
4-Methyl-2-pentanone	20.0	23.3	116	20.0	23.5	117	0.819	64 - 140	20	
Methylene chloride	20.0	19.5	97.4	20.0	19.1	95.5	1.91	80 - 123	20	
Naphthalene	20.0	20.6	103	20.0	20.8	104	0.930	59 - 149	20	
n-Propylbenzene	20.0	21.6	108	20.0	20.8	104	3.87	80 - 129	20	
Styrene	20.0	20.0	99.9	20.0	19.3	96.7	3.22	80 - 123	20	
1,1,1,2-Tetrachloroethane	20.0	22.8	114	20.0	21.7	109	4.56	80 - 130	20	
1,1,2,2-Tetrachloroethane	20.0	23.2	116	20.0	22.9	114	1.56	79 - 125	20	
Tetrachloroethene	20.0	21.1	105	20.0	20.4	102	3.10	80 - 124	20	
Toluene	20.0	21.2	106	20.0	20.5	102	3.61	80 - 124	20	
1,2,3-Trichlorobenzene	20.0	20.3	101	20.0	19.8	98.8	2.48	55 - 140	20	
1,2,4-Trichlorobenzene	20.0	20.1	101	20.0	19.6	98.1	2.64	65 - 135	20	
1,1,1-Trichloroethane	20.0	23.2	116	20.0	21.7	108	6.97	80 - 134	20	
1,1,2-Trichloroethane	20.0	23.2	116	20.0	22.5	113	2.72	80 - 125	20	
Trichloroethene	20.0	22.2	111	20.0	21.1	106	4.98	80 - 122	20	
Trichlorofluoromethane	20.0	19.3	96.3	20.0	18.3	91.6	5.00	62 - 151	20	
1,2,3-Trichloropropane	20.0	22.4	112	20.0	22.4	112	0.199	75 - 125	20	
1,2,4-Trimethylbenzene	20.0	21.2	106	20.0	20.5	103	3.41	80 - 125	20	
1,3,5-Trimethylbenzene	20.0	22.0	110	20.0	21.3	106	3.57	80 - 127	20	
Vinyl acetate	20.0	5.43	27.2	20.0	5.22	26.1	4.03	10 - 150	20	
Vinyl chloride	20.0	20.6	103	20.0	18.4	92.0	11.5	65 - 140	20	
o-Xylene	20.0	21.6	108	20.0	20.7	103	4.14	80 - 122	20	
m-,p-Xylene	40.0	42.8	107	40.0	41.1	103	4.17	80 - 122	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	105	104	86 - 118	PASS
1,2-Dichloroethane-d4	105	103	80 - 120	PASS
Toluene-d8	103	103	88 - 110	PASS
4-Bromofluorobenzene	106	106	86 - 115	PASS

* FAILS %REC LIMIT

\# FAILS RPD LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092479

Login Number:L0609691 Analyst:MES Prep Method:5030B
Instrument ID:HPMS10 Matrix:Water Method:8260B
Workgroup (AAB#):WG223967 Units:ug/L
Sample ID:WG223967-02 LCS File ID:10M49547 Run Date:10/02/2006 20:10
Sample ID:WG223967-03 LCS2 File ID:10M49548 Run Date:10/02/2006 20:42

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Acetone	20.0	24.8	124	20.0	24.7	124	0.253	40 - 142	20	
Benzene	20.0	21.2	106	20.0	20.7	103	2.43	80 - 121	20	
Bromobenzene	20.0	22.1	110	20.0	21.7	109	1.54	80 - 120	20	
Bromochloromethane	20.0	22.8	114	20.0	22.7	113	0.479	65 - 130	20	
Bromodichloromethane	20.0	23.4	117	20.0	22.9	115	2.28	80 - 131	20	
Bromoform	20.0	22.1	111	20.0	22.2	111	0.654	70 - 130	20	
Bromomethane	20.0	19.9	99.5	20.0	18.8	94.1	5.58	30 - 145	20	
2-Butanone	20.0	22.7	114	20.0	23.1	116	1.62	30 - 150	20	
n-Butylbenzene	20.0	21.2	106	20.0	20.6	103	2.52	80 - 131	20	
sec-Butylbenzene	20.0	22.0	110	20.0	21.4	107	2.90	80 - 127	20	
tert-Butylbenzene	20.0	20.8	104	20.0	20.3	101	2.43	80 - 126	20	
Carbon disulfide	20.0	19.8	99.2	20.0	19.3	96.5	2.81	58 - 138	20	
Carbon tetrachloride	20.0	23.5	117	20.0	22.8	114	2.95	65 - 140	20	
Chlorobenzene	20.0	21.2	106	20.0	20.9	105	1.57	80 - 120	20	
Chlorodibromomethane	20.0	20.1	101	20.0	20.8	104	3.27	60 - 135	20	
Chloroethane	20.0	21.7	108	20.0	20.7	104	4.54	60 - 135	20	
2-Chloroethyl vinyl ether	20.0	17.0	85.0	20.0	19.0	95.2	11.3	58 - 151	20	
Chloroform	20.0	22.2	111	20.0	21.7	108	2.55	80 - 125	20	
Chloromethane	20.0	24.6	123	20.0	22.9	115	7.16	40 - 125	20	
2-Chlorotoluene	20.0	21.8	109	20.0	21.5	108	1.45	80 - 127	20	
4-Chlorotoluene	20.0	21.8	109	20.0	20.8	104	4.51	80 - 126	20	
1,2-Dibromo-3-chloropropane	20.0	19.6	98.0	20.0	20.2	101	2.93	50 - 130	20	
1,2-Dibromoethane	20.0	23.4	117	20.0	23.7	119	1.21	80 - 125	20	
Dibromomethane	20.0	23.2	116	20.0	23.5	118	1.23	75 - 125	20	
1,2-Dichlorobenzene	20.0	20.8	104	20.0	20.7	103	0.638	80 - 125	20	
1,3-Dichlorobenzene	20.0	20.9	104	20.0	20.4	102	2.36	80 - 120	20	
1,4-Dichlorobenzene	20.0	20.4	102	20.0	20.1	101	1.31	80 - 120	20	
Dichlorodifluoromethane	20.0	21.4	107	20.0	20.4	102	4.92	50 - 133	20	
1,1-Dichloroethane	20.0	22.2	111	20.0	21.6	108	2.72	80 - 125	20	
1,2-Dichloroethane	20.0	22.9	114	20.0	22.9	115	0.346	80 - 129	20	
1,1-Dichloroethene	20.0	22.3	111	20.0	21.6	108	3.30	80 - 132	20	
cis-1,2-Dichloroethene	20.0	21.7	109	20.0	21.6	108	0.621	70 - 125	20	
trans-1,2-Dichloroethene	20.0	21.8	109	20.0	21.3	107	2.33	80 - 127	20	
1,2-Dichloropropane	20.0	22.6	113	20.0	22.2	111	1.98	80 - 120	20	
1,3-Dichloropropane	20.0	22.8	114	20.0	23.0	115	0.941	80 - 120	20	
2,2-Dichloropropane	20.0	21.8	109	20.0	20.4	102	6.78	80 - 133	20	
cis-1,3-Dichloropropene	20.0	22.7	114	20.0	22.8	114	0.0924	70 - 130	20	
trans-1,3-Dichloropropene	20.0	21.3	107	20.0	21.1	105	1.13	80 - 130	20	
1,1-Dichloropropene	20.0	22.6	113	20.0	21.5	108	4.56	75 - 130	20	
Ethylbenzene	20.0	22.1	111	20.0	21.4	107	3.18	80 - 122	20	
2-Hexanone	20.0	21.7	108	20.0	22.9	114	5.31	55 - 130	20	
Hexachlorobutadiene	20.0	21.4	107	20.0	21.1	105	1.83	72 - 132	20	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092480

Login Number:L0609691 Analyst:MES Prep Method:5030B
Instrument ID:HPMS10 Matrix:Water Method:8260B
Workgroup (AAB#):WG223967 Units:ug/L
Sample ID:WG223967-02 LCS File ID:10M49547 Run Date:10/02/2006 20:10
Sample ID:WG223967-03 LCS2 File ID:10M49548 Run Date:10/02/2006 20:42

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Isopropylbenzene	20.0	20.7	104	20.0	20.2	101	2.71	80 - 122	20	
p-Isopropyltoluene	20.0	20.8	104	20.0	20.2	101	2.89	80 - 122	20	
4-Methyl-2-pentanone	20.0	22.1	110	20.0	22.7	113	2.66	64 - 140	20	
Methylene chloride	20.0	19.9	99.5	20.0	19.6	98.1	1.39	80 - 123	20	
Naphthalene	20.0	21.8	109	20.0	22.7	113	4.12	59 - 149	20	
n-Propylbenzene	20.0	22.4	112	20.0	21.6	108	3.52	80 - 129	20	
Styrene	20.0	20.5	103	20.0	20.1	101	1.93	80 - 123	20	
1,1,1,2-Tetrachloroethane	20.0	23.2	116	20.0	23.0	115	1.15	80 - 130	20	
1,1,2,2-Tetrachloroethane	20.0	22.4	112	20.0	23.2	116	3.51	79 - 125	20	
Tetrachloroethene	20.0	22.0	110	20.0	21.1	106	4.18	80 - 124	20	
Toluene	20.0	21.6	108	20.0	21.1	105	2.41	80 - 124	20	
1,2,3-Trichlorobenzene	20.0	21.4	107	20.0	22.0	110	2.65	55 - 140	20	
1,2,4-Trichlorobenzene	20.0	21.0	105	20.0	21.2	106	1.17	65 - 135	20	
1,1,1-Trichloroethane	20.0	23.4	117	20.0	22.5	113	3.76	80 - 134	20	
1,1,2-Trichloroethane	20.0	23.0	115	20.0	23.6	118	2.38	80 - 125	20	
Trichloroethene	20.0	22.8	114	20.0	22.1	110	3.25	80 - 122	20	
Trichlorofluoromethane	20.0	19.4	96.8	20.0	18.9	94.6	2.22	62 - 151	20	
1,2,3-Trichloropropane	20.0	22.7	113	20.0	22.9	114	0.890	75 - 125	20	
1,2,4-Trimethylbenzene	20.0	21.8	109	20.0	21.4	107	2.11	80 - 125	20	
1,3,5-Trimethylbenzene	20.0	22.7	113	20.0	22.0	110	3.14	80 - 127	20	
Vinyl acetate	20.0	4.69	23.5	20.0	4.65	23.3	0.828	10 - 150	20	
Vinyl chloride	20.0	22.5	112	20.0	20.8	104	7.72	65 - 140	20	
o-Xylene	20.0	22.5	112	20.0	21.7	108	3.59	80 - 122	20	
m-,p-Xylene	40.0	43.9	110	40.0	42.6	107	2.89	80 - 122	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	101	103	86 - 118	PASS
1,2-Dichloroethane-d4	98.1	99.4	80 - 120	PASS
Toluene-d8	101	102	88 - 110	PASS
4-Bromofluorobenzene	105	105	86 - 115	PASS

* FAILS %REC LIMIT

\# FAILS RPD LIMIT

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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609691 Tune ID: WG223354-01
Instrument: HPMS10 Run Date: 09/26/2006
Analyst: MES Run Time: 12:20
Workgroup: WG223354 File ID: 10M49305
Cal ID: HPMS10-26-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	21.1	4090	PASS
75.0	95.0	30.0	60.0	46.6	9063	PASS
95.0	95.0	100	100	100	19428	PASS
96.0	95.0	5.00	9.00	7.38	1434	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	84.8	16476	PASS
175	174	5.00	9.00	5.21	859	PASS
176	174	95.0	101	96.5	15903	PASS
177	176	5.00	9.00	6.95	1105	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223354-11	SSCV	01	09/26/2006 18:35	
WG223354-10	STD	01	09/26/2006 17:01	
WG223354-09	STD	01	09/26/2006 16:30	
WG223354-08	STD-CCV	01	09/26/2006 15:57	
WG223354-07	STD	01	09/26/2006 15:26	
WG223354-06	STD	01	09/26/2006 14:54	
WG223354-05	STD	01	09/26/2006 14:23	
WG223354-04	STD	01	09/26/2006 13:52	
WG223354-03	STD	01	09/26/2006 13:19	
WG223354-02	STD	01	09/26/2006 12:47	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 592048
Report generated 10/10/2006 14:51

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609691
Instrument: HPMS10
Analyst: MES
Workgroup: WG223656

Tune ID: WG223656-01
Run Date: 09/28/2006
Run Time: 17:37
File ID: 10M49384
Cal ID: HPMS10 -26-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.7	3686	PASS
75.0	95.0	30.0	60.0	45.8	9006	PASS
95.0	95.0	100	100	100	19677	PASS
96.0	95.0	5.00	9.00	6.80	1339	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	86.6	17031	PASS
175	174	5.00	9.00	8.60	1465	PASS
176	174	95.0	101	98.9	16852	PASS
177	176	5.00	9.00	6.80	1146	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223656-02	CCV	09/28/2006 17:59	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223657-01	BLANK	01	09/28/2006 19:03	
WG223657-02	LCS	01	09/28/2006 19:35	
WG223657-03	LCS2	01	09/28/2006 20:08	
L0609691-01	29WW35	01	09/29/2006 04:04	

*** Sample past 12 hour tune limit**

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 592049
Report generated 10/10/2006 14:51

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609691
Instrument: HPMS10
Analyst: MES
Workgroup: WG223694

Tune ID: WG223694-01
Run Date: 09/29/2006
Run Time: 08:22
File ID: 10M49411
Cal ID: HPMS10 -26-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	20.1	4694	PASS
75.0	95.0	30.0	60.0	45.2	10559	PASS
95.0	95.0	100	100	100	23365	PASS
96.0	95.0	5.00	9.00	6.86	1604	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	87.8	20522	PASS
175	174	5.00	9.00	5.57	1143	PASS
176	174	95.0	101	97.3	19970	PASS
177	176	5.00	9.00	7.24	1445	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223694-02	CCV	09/29/2006 08:44	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223695-01	BLANK	01	09/29/2006 09:16	
WG223695-02	LCS	01	09/29/2006 09:48	
L0609691-01	29WW35	DL01	09/29/2006 15:36	

*** Sample past 12 hour tune limit**

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 592049
Report generated 10/10/2006 14:51

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609691
Instrument: HPMS10
Analyst: MES
Workgroup: WG223965

Tune ID: WG223965-01
Run Date: 10/02/2006
Run Time: 18:13
File ID: 10M49543
Cal ID: HPMS10 -26-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	19.7	5844	PASS
75.0	95.0	30.0	60.0	46.0	13643	PASS
95.0	95.0	100	100	100	29645	PASS
96.0	95.0	5.00	9.00	6.55	1942	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	88.4	26192	PASS
175	174	5.00	9.00	5.88	1539	PASS
176	174	95.0	101	95.9	25114	PASS
177	176	5.00	9.00	7.03	1766	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223965-02	CCV	10/02/2006 18:35	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223967-01	BLANK	01	10/02/2006 19:38	
WG223967-02	LCS	01	10/02/2006 20:10	
WG223967-03	LCS2	01	10/02/2006 20:42	
L0609691-03	TB	01	10/02/2006 22:51	
L0609691-02	29WW39	01	10/02/2006 23:56	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 592049
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INITIAL CALIBRATION SUMMARY

00092485

Login Number: L0609691 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01
ICAL Workgroup: WG223354 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,1-Dichloroethene	CCC	0.2533	4.45		
1,2-Dichloropropane	CCC	0.2392	7.51		
Chloroform	CCC	0.5083	5.56		
Ethylbenzene	CCC	0.4856	7.29		
Toluene	CCC	1.398	4.98		
Vinyl Chloride	CCC	0.1908	12.8		
1,1,2,2-Tetrachloroethane	SPCC	0.3703	14.5		
1,1-Dichloroethane	SPCC	0.5044	5.39		
Bromoform	SPCC	0.1656	13.9		
Chlorobenzene	SPCC	0.9492	3.57		
Chloromethane	SPCC	0.2600	12.9		
1,1,1,2-Tetrachloroethane		0.3550	10.3		
1,1,1-Trichloroethane		0.4655	9.43		
1,1,2-Trichloroethane		0.2210	9.12		
1,1-Dichloropropene		0.3775	4.17		
1,2,3-Trichlorobenzene		0.5937	7.25		
1,2,3-Trichloropropane		0.1355	7.19		
1,2,4-Trichlorobenzene		0.7600	9.23		
1,2,4-Trimethylbenzene		2.259	10.8		
1,2-Dibromo-3-Chloropropane		0.06578	17.0	1.00	
1,2-Dibromoethane		0.2219	12.9		
1,2-Dichlorobenzene		1.253	5.03		
1,2-Dichloroethane		0.3449	9.43		
1,3,5-Trimethylbenzene		2.149	12.9		
1,3-Dichlorobenzene		1.434	4.30		
1,3-Dichloropropane		0.4011	6.91		
1,4-Dichlorobenzene		1.495	4.38		
2,2-Dichloropropane		0.4577	7.76		
2-Butanone		0.04994	8.46		
2-Chloroethyl Vinyl Ether		0.08373	4.59		
2-Chlorotoluene		2.235	7.28		
2-Hexanone		0.09886	8.47		
4-Chlorotoluene		2.034	6.85		
4-Methyl-2-Pentanone		0.04340	7.82		
Acetone		0.03662	12.4		
Benzene		1.012	4.48		
Bromobenzene		0.7486	6.86		
Bromochloromethane		0.1259	12.0		
Bromodichloromethane		0.3278	7.84		
Bromomethane		0.1425	14.3		
Carbon Disulfide		0.7629	4.75		
Carbon Tetrachloride		0.4169	13.9		
Chloroethane		0.1937	4.59		
Dibromochloromethane		0.2781	17.0		1.00
Dibromomethane		0.1250	11.2		

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092486

Login Number: L0609691 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

ICAL Workgroup: WG223354 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
Dichlorodifluoromethane		0.3629	6.31		
Hexachlorobutadiene		0.3469	14.9		
Isopropylbenzene		1.384	10.4		
Methylene Chloride		0.2868	14.4		
Naphthalene		0.8972	13.8		
Styrene		0.8558	18.5		1.00
Tetrachloroethene		0.3307	11.2		
Trichloroethene		0.2893	7.50		
Trichlorofluoromethane		0.5286	21.6		1.00
Vinyl Acetate		0.4012	4.20		
cis-1,2-Dichloroethene		0.2867	7.28		
cis-1,3-Dichloropropene		0.3661	11.0		
m-,p-Xylene		0.5872	6.35		
n-Butylbenzene		1.984	8.68		
n-Propylbenzene		3.038	12.1		
o-Xylene		0.5471	9.97		
p-Isopropyltoluene		2.379	8.67		
sec-Butylbenzene		2.658	11.9		
tert-Butylbenzene		0.5160	6.77		
trans-1,2-Dichloroethene		0.2756	8.02		
trans-1,3-Dichloropropene		0.4397	12.0		

KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092487

Login Number:L0609691 Instrument ID:HPMS10

Analytical Method:8260B Initial Calibration Date:26-SEP-06 17:01

Column ID:F

Analyte	WG223354-02			WG223354-03			WG223354-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	1.00	5565.00000	0.2373
1,2-Dichloropropane	NA	NA	NA	0.400	1799.00000	0.2042	1.00	5220.00000	0.2226
Chloroform	0.300	3076.00000	0.4594	0.400	4299.00000	0.4879	1.00	12046.0000	0.5138
Ethylbenzene	NA	NA	NA	0.400	2583.00000	0.4099	1.00	8185.00000	0.4954
Toluene	NA	NA	NA	0.400	7975.00000	1.266	1.00	22880.0000	1.385
Vinyl Chloride	NA	NA	NA	0.400	1552.00000	0.1761	1.00	5246.00000	0.2237
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	938.000000	0.2795	1.00	2642.00000	0.2969
1,1-Dichloroethane	NA	NA	NA	0.400	4036.00000	0.4580	1.00	11479.0000	0.4896
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2129.00000	0.1288
Chlorobenzene	NA	NA	NA	0.400	5802.00000	0.9207	1.00	15987.0000	0.9675
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	7587.00000	0.3236
1,1,1,2-Tetrachloroethane	NA	NA	NA	0.400	1803.00000	0.2861	1.00	5477.00000	0.3315
1,1,1-Trichloroethane	NA	NA	NA	0.400	3300.00000	0.3745	1.00	10638.0000	0.4537
1,1,2-Trichloroethane	NA	NA	NA	0.400	1146.00000	0.1819	1.00	3476.00000	0.2104
1,1-Dichloropropene	NA	NA	NA	NA	NA	NA	1.00	8422.00000	0.3592
1,2,3-Trichlorobenzene	0.300	1431.00000	0.5807	0.400	1778.00000	0.5297	1.00	5042.00000	0.5666
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	1.00	1098.00000	0.1234
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	2221.00000	0.6617	1.00	5926.00000	0.6659
1,2,4-Trimethylbenzene	NA	NA	NA	0.400	5820.00000	1.734	1.00	18858.0000	2.119
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	0.400	983.000000	0.1560	1.00	3548.00000	0.2147
1,2-Dichlorobenzene	0.300	3092.00000	1.255	0.400	3846.00000	1.146	1.00	11337.0000	1.274
1,2-Dichloroethane	NA	NA	NA	0.400	2586.00000	0.2935	1.00	8318.00000	0.3548
1,3,5-Trimethylbenzene	NA	NA	NA	0.400	5337.00000	1.590	1.00	17021.0000	1.913
1,3-Dichlorobenzene	NA	NA	NA	0.400	4455.00000	1.327	1.00	12643.0000	1.421
1,3-Dichloropropane	NA	NA	NA	0.400	2189.00000	0.3474	1.00	6646.00000	0.4022
1,4-Dichlorobenzene	0.300	3815.00000	1.548	0.400	4949.00000	1.475	1.00	13838.0000	1.555
2,2-Dichloropropane	NA	NA	NA	0.400	3388.00000	0.3845	1.00	10340.0000	0.4410
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	0.400	6465.00000	1.926	1.00	19038.0000	2.139
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	0.400	5914.00000	1.762	1.00	18389.0000	2.066
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	0.400	8968.00000	1.018	1.00	23978.0000	1.023
Bromobenzene	0.300	1612.00000	0.6542	0.400	2387.00000	0.7112	1.00	6416.00000	0.7209
Bromochloromethane	NA	NA	NA	0.400	820.000000	0.09310	1.00	2816.00000	0.1201
Bromodichloromethane	NA	NA	NA	0.400	2502.00000	0.2839	1.00	7161.00000	0.3054
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	4074.00000	0.1738
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	16809.0000	0.7169
Carbon Tetrachloride	NA	NA	NA	0.400	2501.00000	0.2838	1.00	9780.00000	0.4171

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KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092488

Login Number: L0609691 Instrument ID: HPMS10

Analytical Method: 8260B Initial Calibration Date: 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-05			WG223354-06			WG223354-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	11379.0000	0.2412	5.00	30353.0000	0.2557	20.0	127421.000	0.2634
1,2-Dichloropropane	2.00	11654.0000	0.2470	5.00	29513.0000	0.2486	20.0	123236.000	0.2548
Chloroform	2.00	24618.0000	0.5217	5.00	64650.0000	0.5446	20.0	257263.000	0.5318
Ethylbenzene	2.00	15853.0000	0.4707	5.00	43460.0000	0.5131	20.0	180323.000	0.5174
Toluene	2.00	46282.0000	1.374	5.00	124755.000	1.473	20.0	506489.000	1.453
Vinyl Chloride	2.00	10447.0000	0.2214	5.00	24080.0000	0.2028	20.0	93100.0000	0.1925
1,1,2,2-Tetrachloroethane	2.00	7132.00000	0.3976	5.00	19093.0000	0.4259	20.0	75941.0000	0.4059
1,1-Dichloroethane	2.00	23531.0000	0.4987	5.00	62926.0000	0.5301	20.0	258753.000	0.5349
Bromoform	2.00	4662.00000	0.1384	5.00	14223.0000	0.1679	20.0	62252.0000	0.1786
Chlorobenzene	2.00	32302.0000	0.9590	5.00	83450.0000	0.9852	20.0	340669.000	0.9775
Chloromethane	2.00	12793.0000	0.2711	5.00	31729.0000	0.2673	20.0	123638.000	0.2556
1,1,1,2-Tetrachloroethane	2.00	12083.0000	0.3587	5.00	32927.0000	0.3887	20.0	135992.000	0.3902
1,1,1-Trichloroethane	2.00	22462.0000	0.4760	5.00	59819.0000	0.5039	20.0	244015.000	0.5044
1,1,2-Trichloroethane	2.00	7987.00000	0.2371	5.00	20635.0000	0.2436	20.0	81115.0000	0.2328
1,1-Dichloropropene	2.00	17215.0000	0.3648	5.00	46200.0000	0.3892	20.0	189938.000	0.3927
1,2,3-Trichlorobenzene	2.00	9635.00000	0.5372	5.00	28642.0000	0.6389	20.0	117922.000	0.6302
1,2,3-Trichloropropane	2.00	2690.00000	0.1500	5.00	6308.00000	0.1407	20.0	26156.0000	0.1398
1,2,4-Trichlorobenzene	2.00	12667.0000	0.7062	5.00	35612.0000	0.7944	20.0	153532.000	0.8206
1,2,4-Trimethylbenzene	2.00	39610.0000	2.208	5.00	108984.000	2.431	20.0	457201.000	2.444
1,2-Dibromo-3-Chloropropane	2.00	806.000000	0.04490	5.00	2788.00000	0.06220	20.0	12595.0000	0.06730
1,2-Dibromoethane	2.00	7620.00000	0.2262	5.00	19758.0000	0.2333	20.0	83132.0000	0.2385
1,2-Dichlorobenzene	2.00	22832.0000	1.273	5.00	60933.0000	1.359	20.0	241301.000	1.290
1,2-Dichloroethane	2.00	17582.0000	0.3726	5.00	44653.0000	0.3762	20.0	178864.000	0.3698
1,3,5-Trimethylbenzene	2.00	37371.0000	2.083	5.00	105398.000	2.351	20.0	443728.000	2.372
1,3-Dichlorobenzene	2.00	26242.0000	1.463	5.00	68188.0000	1.521	20.0	275940.000	1.475
1,3-Dichloropropane	2.00	14030.0000	0.4165	5.00	36237.0000	0.4278	20.0	146898.000	0.4215
1,4-Dichlorobenzene	2.00	27429.0000	1.529	5.00	70761.0000	1.579	20.0	277840.000	1.485
2,2-Dichloropropane	2.00	21459.0000	0.4548	5.00	57416.0000	0.4837	20.0	235567.000	0.4870
2-Butanone	NA	NA	NA	5.00	6427.00000	0.05410	20.0	25190.0000	0.05210
2-Chloroethyl Vinyl Ether	2.00	3600.00000	0.07630	5.00	9927.00000	0.08360	20.0	41576.0000	0.08590
2-Chlorotoluene	2.00	41221.0000	2.298	5.00	107687.000	2.402	20.0	440793.000	2.356
2-Hexanone	NA	NA	NA	5.00	7744.00000	0.09140	20.0	36565.0000	0.1049
4-Chlorotoluene	2.00	35736.0000	1.992	5.00	100135.000	2.234	20.0	397668.000	2.125
4-Methyl-2-Pentanone	NA	NA	NA	5.00	4788.00000	0.04030	20.0	22387.0000	0.04630
Acetone	NA	NA	NA	5.00	4659.00000	0.03920	20.0	20183.0000	0.04170
Benzene	2.00	49830.0000	1.056	5.00	125011.000	1.053	20.0	498424.000	1.030
Bromobenzene	2.00	13829.0000	0.7710	5.00	36883.0000	0.8228	20.0	147474.000	0.7882
Bromochloromethane	2.00	6248.00000	0.1324	5.00	15920.0000	0.1341	20.0	67930.0000	0.1404
Bromodichloromethane	2.00	14931.0000	0.3164	5.00	40192.0000	0.3386	20.0	169804.000	0.3510
Bromomethane	2.00	7690.00000	0.1630	5.00	17873.0000	0.1506	20.0	65590.0000	0.1356
Carbon Disulfide	2.00	34729.0000	0.7360	5.00	94491.0000	0.7960	20.0	386117.000	0.7982
Carbon Tetrachloride	2.00	19244.0000	0.4078	5.00	54420.0000	0.4584	20.0	219777.000	0.4543

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INITIAL CALIBRATION DATA

00092489

Login Number: L0609691 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-08			WG223354-09			WG223354-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	333617.000	0.2692	100	645712.000	0.2544	200	1292398.00	0.2522
1,2-Dichloropropane	50.0	318922.000	0.2573	100	619363.000	0.2440	200	1205986.00	0.2353
Chloroform	50.0	662551.000	0.5345	100	1267616.00	0.4994	200	2466373.00	0.4813
Ethylbenzene	50.0	463933.000	0.5153	100	898334.000	0.4860	200	1745991.00	0.4768
Toluene	50.0	1329312.00	1.476	100	2570018.00	1.390	200	5014665.00	1.370
Vinyl Chloride	50.0	232474.000	0.1876	100	422668.000	0.1665	200	799829.000	0.1561
1,1,2,2-Tetrachloroethane	50.0	193086.000	0.4024	100	385680.000	0.3885	200	725344.000	0.3658
1,1-Dichloroethane	50.0	663062.000	0.5349	100	1267781.00	0.4995	200	2509176.00	0.4896
Bromoform	50.0	169275.000	0.1880	100	340196.000	0.1840	200	634782.000	0.1734
Chlorobenzene	50.0	875252.000	0.9721	100	1700151.00	0.9197	200	3265826.00	0.8919
Chloromethane	50.0	310624.000	0.2506	100	588858.000	0.2320	200	1127924.00	0.2201
1,1,1,2-Tetrachloroethane	50.0	349608.000	0.3883	100	669776.000	0.3623	200	1222826.00	0.3340
1,1,1-Trichloroethane	50.0	623798.000	0.5033	100	1183075.00	0.4661	200	2266872.00	0.4423
1,1,2-Trichloroethane	50.0	208931.000	0.2321	100	409383.000	0.2215	200	762534.000	0.2083
1,1-Dichloropropene	50.0	493468.000	0.3981	100	951810.000	0.3750	200	1863219.00	0.3636
1,2,3-Trichlorobenzene	50.0	310339.000	0.6467	100	609549.000	0.6140	200	1187670.00	0.5989
1,2,3-Trichloropropane	50.0	66551.0000	0.1387	100	131330.000	0.1323	200	244633.000	0.1234
1,2,4-Trichlorobenzene	50.0	397960.000	0.8293	100	798302.000	0.8041	200	1581931.00	0.7977
1,2,4-Trimethylbenzene	50.0	1186482.00	2.473	100	2314905.00	2.332	200	4618598.00	2.329
1,2-Dibromo-3-Chloropropane	50.0	34822.0000	0.07260	100	73870.0000	0.07440	200	145413.000	0.07330
1,2-Dibromoethane	50.0	222618.000	0.2473	100	438406.000	0.2372	200	811641.000	0.2217
1,2-Dichlorobenzene	50.0	613409.000	1.278	100	1212073.00	1.221	200	2342651.00	1.181
1,2-Dichloroethane	50.0	446307.000	0.3601	100	839998.000	0.3309	200	1545378.00	0.3016
1,3,5-Trimethylbenzene	50.0	1150650.00	2.398	100	2224936.00	2.241	200	4443131.00	2.241
1,3-Dichlorobenzene	50.0	707847.000	1.475	100	1388166.00	1.398	200	2754270.00	1.389
1,3-Dichloropropane	50.0	376502.000	0.4182	100	744034.000	0.4025	200	1363613.00	0.3724
1,4-Dichlorobenzene	50.0	716158.000	1.492	100	1403748.00	1.414	200	2740806.00	1.382
2,2-Dichloropropane	50.0	616467.000	0.4973	100	1174465.00	0.4627	200	2309872.00	0.4507
2-Butanone	50.0	64599.0000	0.05210	100	121397.000	0.04780	200	223480.000	0.04360
2-Chloroethyl Vinyl Ether	50.0	104977.000	0.08470	100	221284.000	0.08720	200	434123.000	0.08470
2-Chlorotoluene	50.0	1148942.00	2.394	100	2201573.00	2.218	200	4249340.00	2.143
2-Hexanone	50.0	95823.0000	0.1064	100	190895.000	0.1033	200	323213.000	0.08830
4-Chlorotoluene	50.0	1014855.00	2.115	100	1978622.00	1.993	200	3932859.00	1.983
4-Methyl-2-Pentanone	50.0	57416.0000	0.04630	100	113850.000	0.04490	200	200847.000	0.03920
Acetone	50.0	47294.0000	0.03820	100	85177.0000	0.03360	200	155997.000	0.03040
Benzene	50.0	1275895.00	1.029	100	2441949.00	0.9620	200	4742785.00	0.9255
Bromobenzene	50.0	381056.000	0.7941	100	740551.000	0.7460	200	1446174.00	0.7293
Bromochloromethane	50.0	169165.000	0.1365	100	329646.000	0.1299	200	618453.000	0.1207
Bromodichloromethane	50.0	448636.000	0.3619	100	869682.000	0.3426	200	1653390.00	0.3226
Bromomethane	50.0	160245.000	0.1293	100	312388.000	0.1231	200	625410.000	0.1220
Carbon Disulfide	50.0	997016.000	0.8044	100	1919092.00	0.7560	200	3754362.00	0.7326
Carbon Tetrachloride	50.0	572202.000	0.4616	100	1115315.00	0.4394	200	2114994.00	0.4127

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INITIAL CALIBRATION DATA

00092490

Login Number: L0609691 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-02			WG223354-03			WG223354-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	4650.00000	0.1983
Dibromochloromethane	NA	NA	NA	0.400	1164.00000	0.1847	1.00	3956.00000	0.2394
Dibromomethane	NA	NA	NA	0.400	891.000000	0.1011	1.00	2519.00000	0.1074
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	8108.00000	0.3458
Hexachlorobutadiene	NA	NA	NA	0.400	804.000000	0.2395	1.00	2697.00000	0.3031
Isopropylbenzene	NA	NA	NA	0.400	6898.00000	1.095	1.00	21468.0000	1.299
Methylene Chloride	NA	NA	NA	0.400	3242.00000	0.3679	1.00	7114.00000	0.3034
Naphthalene	NA	NA	NA	0.400	2530.00000	0.7538	1.00	6583.00000	0.7397
Styrene	NA	NA	NA	0.400	3757.00000	0.5962	1.00	11077.0000	0.6704
Tetrachloroethene	NA	NA	NA	0.400	1571.00000	0.2493	1.00	6167.00000	0.3732
Trichloroethene	NA	NA	NA	0.400	2186.00000	0.2481	1.00	6477.00000	0.2762
Trichlorofluoromethane	NA	NA	NA	0.400	2416.00000	0.2742	1.00	13145.0000	0.5606
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2143.00000	0.2432	1.00	6403.00000	0.2731
cis-1,3-Dichloropropene	NA	NA	NA	0.400	2712.00000	0.3078	1.00	7313.00000	0.3119
m-,p-Xylene	NA	NA	NA	0.800	6513.00000	0.5168	2.00	18918.0000	0.5725
n-Butylbenzene	NA	NA	NA	NA	NA	NA	1.00	15343.0000	1.724
n-Propylbenzene	NA	NA	NA	0.400	7571.00000	2.256	1.00	25109.0000	2.821
o-Xylene	NA	NA	NA	0.400	2772.00000	0.4399	1.00	8265.00000	0.5002
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	1.00	18024.0000	2.025
sec-Butylbenzene	NA	NA	NA	0.400	6749.00000	2.011	1.00	21283.0000	2.392
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	1.00	3977.00000	0.4469
trans-1,2-Dichloroethene	NA	NA	NA	0.400	1997.00000	0.2266	1.00	6200.00000	0.2644
trans-1,3-Dichloropropene	NA	NA	NA	0.400	2137.00000	0.3391	1.00	6662.00000	0.4032

INITIAL CALIBRATION DATA

00092491

Login Number: L0609691 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-05			WG223354-06			WG223354-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	2.00	9049.00000	0.1918	5.00	24023.0000	0.2024	20.0	97383.0000	0.2013
Dibromochloromethane	2.00	8777.00000	0.2606	5.00	24745.0000	0.2921	20.0	108787.000	0.3122
Dibromomethane	2.00	6104.00000	0.1294	5.00	16306.0000	0.1374	20.0	65021.0000	0.1344
Dichlorodifluoromethane	2.00	17858.0000	0.3785	5.00	46151.0000	0.3888	20.0	183022.000	0.3784
Hexachlorobutadiene	2.00	6150.00000	0.3429	5.00	16979.0000	0.3788	20.0	69948.0000	0.3738
Isopropylbenzene	2.00	43821.0000	1.301	5.00	123543.000	1.459	20.0	522699.000	1.500
Methylene Chloride	2.00	14822.0000	0.3141	5.00	33756.0000	0.2844	20.0	128986.000	0.2666
Naphthalene	2.00	13610.0000	0.7588	5.00	42317.0000	0.9440	20.0	181471.000	0.9699
Styrene	2.00	25678.0000	0.7623	5.00	75487.0000	0.8912	20.0	340480.000	0.9770
Tetrachloroethene	2.00	10859.0000	0.3224	5.00	29799.0000	0.3518	20.0	120571.000	0.3460
Trichloroethene	2.00	13537.0000	0.2869	5.00	37371.0000	0.3148	20.0	147555.000	0.3050
Trichlorofluoromethane	2.00	27257.0000	0.5777	5.00	69867.0000	0.5886	20.0	284060.000	0.5872
Vinyl Acetate	NA	NA	NA	5.00	46141.0000	0.3887	20.0	203716.000	0.4211
cis-1,2-Dichloroethene	2.00	13709.0000	0.2905	5.00	35770.0000	0.3013	20.0	146057.000	0.3019
cis-1,3-Dichloropropene	2.00	16477.0000	0.3492	5.00	44962.0000	0.3788	20.0	194910.000	0.4029
m-,p-Xylene	4.00	38830.0000	0.5764	10.0	104986.000	0.6197	40.0	437723.000	0.6280
n-Butylbenzene	2.00	31493.0000	1.756	5.00	90484.0000	2.019	20.0	389535.000	2.082
n-Propylbenzene	2.00	53155.0000	2.963	5.00	147847.000	3.298	20.0	620434.000	3.316
o-Xylene	2.00	17728.0000	0.5263	5.00	48979.0000	0.5783	20.0	206123.000	0.5914
p-Isopropyltoluene	2.00	38659.0000	2.155	5.00	109870.000	2.451	20.0	470657.000	2.516
sec-Butylbenzene	2.00	46439.0000	2.589	5.00	127328.000	2.840	20.0	539770.000	2.885
tert-Butylbenzene	2.00	9003.00000	0.5019	5.00	24456.0000	0.5456	20.0	101251.000	0.5411
trans-1,2-Dichloroethene	2.00	13474.0000	0.2856	5.00	34435.0000	0.2901	20.0	140743.000	0.2910
trans-1,3-Dichloropropene	2.00	14043.0000	0.4169	5.00	40664.0000	0.4801	20.0	170505.000	0.4892

KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092492

Login Number: L0609691 Instrument ID: HPMS10

Analytical Method: 8260B Initial Calibration Date: 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-08			WG223354-09			WG223354-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	50.0	246073.000	0.1985	100	464018.000	0.1828	200	925186.000	0.1805
Dibromochloromethane	50.0	291930.000	0.3242	100	580866.000	0.3142	200	1089227.00	0.2975
Dibromomethane	50.0	171608.000	0.1384	100	330685.000	0.1303	200	621858.000	0.1213
Dichlorodifluoromethane	50.0	467071.000	0.3768	100	869932.000	0.3427	200	1689257.00	0.3296
Hexachlorobutadiene	50.0	183776.000	0.3830	100	361938.000	0.3646	200	771905.000	0.3893
Isopropylbenzene	50.0	1374843.00	1.527	100	2680230.00	1.450	200	5269989.00	1.439
Methylene Chloride	50.0	330151.000	0.2664	100	637984.000	0.2513	200	1229800.00	0.2400
Naphthalene	50.0	486958.000	1.015	100	1003595.00	1.011	200	1955196.00	0.9860
Styrene	50.0	910821.000	1.012	100	1801530.00	0.9745	200	3527245.00	0.9633
Tetrachloroethene	50.0	313677.000	0.3484	100	607679.000	0.3287	200	1191389.00	0.3254
Trichloroethene	50.0	385050.000	0.3106	100	739218.000	0.2912	200	1442562.00	0.2815
Trichlorofluoromethane	50.0	719636.000	0.5806	100	1349488.00	0.5316	NA	NA	NA
Vinyl Acetate	50.0	513246.000	0.4141	100	1019109.00	0.4015	200	1951621.00	0.3808
cis-1,2-Dichloroethene	50.0	382540.000	0.3086	100	738308.000	0.2909	200	1453818.00	0.2837
cis-1,3-Dichloropropene	50.0	512100.000	0.4131	100	1005266.00	0.3960	200	1893336.00	0.3694
m-,p-Xylene	100	1125696.00	0.6251	200	2175550.00	0.5884	400	4176586.00	0.5703
n-Butylbenzene	50.0	1033915.00	2.155	100	2044609.00	2.060	200	4157518.00	2.097
n-Propylbenzene	50.0	1617875.00	3.372	100	3130356.00	3.153	200	6196654.00	3.125
o-Xylene	50.0	538405.000	0.5980	100	1057943.00	0.5723	200	2087851.00	0.5702
p-Isopropyltoluene	50.0	1240134.00	2.584	100	2431432.00	2.449	200	4908480.00	2.475
sec-Butylbenzene	50.0	1411608.00	2.942	100	2757966.00	2.778	200	5602743.00	2.825
tert-Butylbenzene	50.0	261099.000	0.5441	100	507358.000	0.5111	200	1034049.00	0.5214
trans-1,2-Dichloroethene	50.0	364573.000	0.2941	100	705532.000	0.2780	200	1408162.00	0.2748
trans-1,3-Dichloropropene	50.0	441941.000	0.4909	100	863332.000	0.4670	200	1578447.00	0.4311

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092493

Login Number:L0609691 Run Date:09/26/2006 Sample ID:WG223354-11
Instrument ID:HPMS10 Run Time:18:35 Method:8260B
File ID:10M49317 Analyst:MES
ICal Workgroup:WG223354 Cal ID:HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	20	21.4	0.543	6.8	ug/L	
1,1-Dichloroethene	CCC	20	22.1	0.280	10.4	ug/L	
1,2-Dichloropropane	CCC	20	22.3	0.267	11.5	ug/L	
Ethylbenzene	CCC	20	22.1	0.536	10.4	ug/L	
Toluene	CCC	20	21.5	1.50	7.4	ug/L	
Vinyl Chloride	CCC	20	19.6	0.188	1.8	ug/L	
Bromoform	SPCC	20	22.0	0.182	10	ug/L	
Chlorobenzene	SPCC	20	21.2	1.01	6	ug/L	
Chloromethane	SPCC	20	21.8	0.283	8.9	ug/L	
1,1-Dichloroethane	SPCC	20	21.8	0.549	8.9	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	20	22.5	0.417	12.5	ug/L	
Acetone		20	19.4	0.0355	3.1	ug/L	
Benzene		20	21.1	1.07	5.6	ug/L	
Bromobenzene		20	22.1	0.825	10.3	ug/L	
Bromochloromethane		20	22.8	0.144	14.2	ug/L	
Bromodichloromethane		20	22.3	0.366	11.6	ug/L	
Bromomethane		20	19.7	0.140	1.6	ug/L	
2-Butanone		20	21.8	0.0544	8.8	ug/L	
n-Butylbenzene		20	21.1	2.09	5.4	ug/L	
sec-Butylbenzene		20	22.2	2.95	10.9	ug/L	
tert-Butylbenzene		20	20.9	0.540	4.6	ug/L	
Carbon Disulfide		20	19.9	0.760	.4	ug/L	
Carbon Tetrachloride		20	22.3	0.466	11.7	ug/L	
Dibromochloromethane		20	20.1	0.325	.7	ug/L	
Chloroethane		20	20.4	0.198	2	ug/L	
2-Chloroethyl Vinyl Ether		20	21.2	0.0888	6.1	ug/L	
2-Chlorotoluene		20	21.6	2.41	8	ug/L	
4-Chlorotoluene		20	21.1	2.14	5.4	ug/L	
1,2-Dibromo-3-Chloropropane		20	18.9	0.0668	5.3	ug/L	
1,2-Dibromoethane		20	22.8	0.253	14	ug/L	
Dibromomethane		20	22.7	0.142	13.6	ug/L	
1,2-Dichlorobenzene		20	21.2	1.33	6.1	ug/L	
1,3-Dichlorobenzene		20	21.0	1.50	4.9	ug/L	
1,4-Dichlorobenzene		20	20.6	1.54	2.9	ug/L	
Dichlorodifluoromethane		20	19.3	0.350	3.5	ug/L	
1,2-Dichloroethane		20	21.7	0.373	8.3	ug/L	
cis-1,2-Dichloroethene		20	22.1	0.317	10.6	ug/L	
trans-1,2-Dichloroethene		20	21.8	0.301	9.2	ug/L	
1,3-Dichloropropane		20	22.6	0.453	12.9	ug/L	
2,2-Dichloropropane		20	21.2	0.485	6	ug/L	
cis-1,3-Dichloropropene		20	22.9	0.419	14.4	ug/L	
trans-1,3-Dichloropropene		20	21.1	0.464	5.5	ug/L	

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092494

Login Number: L0609691 Run Date: 09/26/2006 Sample ID: WG223354-11
Instrument ID: HPMS10 Run Time: 18:35 Method: 8260B
File ID: 10M49317 Analyst: MES
ICal Workgroup: WG223354 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		20	21.9	0.414	9.6	ug/L	
2-Hexanone		20	18.9	0.0934	5.5	ug/L	
Hexachlorobutadiene		20	22.5	0.390	12.5	ug/L	
Isopropylbenzene		20	20.4	1.41	1.9	ug/L	
p-Isopropyltoluene		20	20.7	2.47	3.6	ug/L	
4-Methyl-2-Pentanone		20	21.3	0.0462	6.5	ug/L	
Methylene Chloride		20	19.9	0.286	.3	ug/L	
Naphthalene		20	21.4	0.962	7.2	ug/L	
n-Propylbenzene		20	22.1	3.36	10.5	ug/L	
Styrene		20	20.5	1.01	2.5	ug/L	
1,1,1,2-Tetrachloroethane		20	22.8	0.404	13.8	ug/L	
Tetrachloroethene		20	21.7	0.358	8.3	ug/L	
1,2,3-Trichlorobenzene		20	21.5	0.639	7.7	ug/L	
1,2,4-Trichlorobenzene		20	21.3	0.811	6.7	ug/L	
1,1,1-Trichloroethane		20	22.1	0.514	10.5	ug/L	
1,1,2-Trichloroethane		20	22.6	0.250	13	ug/L	
Trichloroethene		20	22.3	0.322	11.3	ug/L	
Trichlorofluoromethane		20	18.2	0.548	9	ug/L	
1,2,3-Trichloropropane		20	21.9	0.149	9.6	ug/L	
1,2,4-Trimethylbenzene		20	21.8	2.46	8.8	ug/L	
1,3,5-Trimethylbenzene		20	22.6	2.43	13.1	ug/L	
Vinyl Acetate		20	6.62	0.133	66.9	ug/L	*
o-Xylene		20	22.5	0.616	12.7	ug/L	
m-,p-Xylene		40	44.0	0.645	9.9	ug/L	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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Version 1.5 PDF File ID: 592047
Report generated 10/10/2006 14:51

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092495

Login Number: L0609691 Run Date: 09/28/2006 Sample ID: WG223656-02
Instrument ID: HPMS10 Run Time: 17:59 Method: 8260B
File ID: 10M49385 Analyst: MES
Workgroup (AAB#): WG223657 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	52.5	0.533	4.90	ug/L	
1,1-Dichloroethene	CCC	50.0	53.5	0.271	6.90	ug/L	
1,2-Dichloropropane	CCC	50.0	52.7	0.252	5.30	ug/L	
Ethylbenzene	CCC	50.0	52.5	0.510	5.00	ug/L	
Toluene	CCC	50.0	52.4	1.47	4.80	ug/L	
Vinyl Chloride	CCC	50.0	46.7	0.178	6.60	ug/L	
Bromoform	SPCC	50.0	54.8	0.181	9.50	ug/L	
Chlorobenzene	SPCC	50.0	50.7	0.963	1.40	ug/L	
Chloromethane	SPCC	50.0	49.8	0.259	0.500	ug/L	
1,1-Dichloroethane	SPCC	50.0	52.4	0.528	4.70	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	54.2	0.401	8.30	ug/L	
Acetone		50.0	63.5	0.0465	27.0	ug/L	
Benzene		50.0	50.2	1.02	0.400	ug/L	
Bromobenzene		50.0	52.2	0.782	4.50	ug/L	
Bromochloromethane		50.0	53.3	0.134	6.60	ug/L	
Bromodichloromethane		50.0	54.7	0.359	9.50	ug/L	
Bromomethane		50.0	45.1	0.129	9.80	ug/L	
2-Butanone		50.0	56.6	0.0565	13.1	ug/L	
n-Butylbenzene		50.0	56.0	2.22	11.9	ug/L	
sec-Butylbenzene		50.0	55.2	2.93	10.3	ug/L	
tert-Butylbenzene		50.0	52.9	0.546	5.90	ug/L	
Carbon Disulfide		50.0	52.6	0.803	5.30	ug/L	
Carbon Tetrachloride		50.0	56.3	0.469	12.6	ug/L	
Dibromochloromethane		50.0	48.6	0.313	2.70	ug/L	
Chloroethane		50.0	50.0	0.194	0.100	ug/L	
2-Chloroethyl Vinyl Ether		50.0	53.7	0.0899	7.30	ug/L	
2-Chlorotoluene		50.0	53.1	2.37	6.20	ug/L	
4-Chlorotoluene		50.0	53.1	2.16	6.10	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	50.8	0.0738	1.60	ug/L	
1,2-Dibromoethane		50.0	54.3	0.241	8.70	ug/L	
Dibromomethane		50.0	53.7	0.134	7.40	ug/L	
1,2-Dichlorobenzene		50.0	50.5	1.27	1.00	ug/L	
1,3-Dichlorobenzene		50.0	51.2	1.47	2.50	ug/L	
1,4-Dichlorobenzene		50.0	49.3	1.47	1.40	ug/L	
Dichlorodifluoromethane		50.0	52.5	0.381	5.00	ug/L	
1,2-Dichloroethane		50.0	52.2	0.360	4.40	ug/L	
cis-1,2-Dichloroethene		50.0	52.7	0.302	5.50	ug/L	
trans-1,2-Dichloroethene		50.0	53.2	0.293	6.50	ug/L	
1,3-Dichloropropane		50.0	52.3	0.419	4.50	ug/L	
2,2-Dichloropropane		50.0	53.7	0.492	7.40	ug/L	
cis-1,3-Dichloropropene		50.0	55.4	0.406	10.8	ug/L	
trans-1,3-Dichloropropene		50.0	55.6	0.489	11.3	ug/L	

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Version 1.3 PDF File ID: 592050
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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092496

Login Number: L0609691 Run Date: 09/28/2006 Sample ID: WG223656-02
Instrument ID: HPMS10 Run Time: 17:59 Method: 8260B
File ID: 10M49385 Analyst: MES
Workgroup (AAB#): WG223657 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	52.9	0.400	5.80	ug/L	
2-Hexanone		50.0	58.1	0.115	16.2	ug/L	
Hexachlorobutadiene		50.0	50.9	0.353	1.80	ug/L	
Isopropylbenzene		50.0	54.8	1.52	9.60	ug/L	
p-Isopropyltoluene		50.0	53.9	2.57	7.80	ug/L	
4-Methyl-2-Pentanone		50.0	55.2	0.0479	10.4	ug/L	
Methylene Chloride		50.0	46.0	0.264	8.10	ug/L	
Naphthalene		50.0	57.9	1.04	15.7	ug/L	
n-Propylbenzene		50.0	56.0	3.40	12.1	ug/L	
Styrene		50.0	50.6	1.00	1.30	ug/L	
1,1,1,2-Tetrachloroethane		50.0	54.0	0.383	7.90	ug/L	
Tetrachloroethene		50.0	51.8	0.342	3.60	ug/L	
1,2,3-Trichlorobenzene		50.0	50.3	0.598	0.700	ug/L	
1,2,4-Trichlorobenzene		50.0	53.9	0.819	7.80	ug/L	
1,1,1-Trichloroethane		50.0	54.4	0.506	8.80	ug/L	
1,1,2-Trichloroethane		50.0	51.7	0.229	3.40	ug/L	
Trichloroethene		50.0	52.1	0.302	4.20	ug/L	
Trichlorofluoromethane		50.0	52.7	0.606	5.40	ug/L	
1,2,3-Trichloropropane		50.0	51.7	0.140	3.40	ug/L	
1,2,4-Trimethylbenzene		50.0	54.9	2.48	9.70	ug/L	
1,3,5-Trimethylbenzene		50.0	55.8	2.40	11.6	ug/L	
Vinyl Acetate		50.0	44.8	0.359	10.4	ug/L	
o-Xylene		50.0	53.9	0.590	7.80	ug/L	
m-,p-Xylene		100	106	0.621	5.80	ug/L	
Xylenes		150	160	0.606	6.50	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 592050
Report generated 10/10/2006 14:51

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092497

Login Number: L0609691 Run Date: 09/29/2006 Sample ID: WG223694-02
Instrument ID: HPMS10 Run Time: 08:44 Method: 8260B
File ID: 10M49412 Analyst: MES
Workgroup (AAB#): WG223695 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	53.0	0.539	6.00	ug/L	
1,1-Dichloroethene	CCC	50.0	54.3	0.275	8.70	ug/L	
1,2-Dichloropropane	CCC	50.0	53.3	0.255	6.70	ug/L	
Ethylbenzene	CCC	50.0	52.7	0.512	5.40	ug/L	
Toluene	CCC	50.0	52.4	1.47	4.90	ug/L	
Vinyl Chloride	CCC	50.0	49.0	0.187	2.00	ug/L	
Bromoform	SPCC	50.0	53.0	0.176	6.00	ug/L	
Chlorobenzene	SPCC	50.0	50.6	0.960	1.10	ug/L	
Chloromethane	SPCC	50.0	51.6	0.268	3.20	ug/L	
1,1-Dichloroethane	SPCC	50.0	52.8	0.533	5.60	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	50.9	0.377	1.80	ug/L	
Acetone		50.0	56.2	0.0412	12.5	ug/L	
Benzene		50.0	50.9	1.03	1.70	ug/L	
Bromobenzene		50.0	52.2	0.781	4.40	ug/L	
Bromochloromethane		50.0	53.5	0.135	7.10	ug/L	
Bromodichloromethane		50.0	54.4	0.356	8.70	ug/L	
Bromomethane		50.0	44.5	0.127	10.9	ug/L	
2-Butanone		50.0	52.1	0.0521	4.30	ug/L	
n-Butylbenzene		50.0	56.2	2.23	12.4	ug/L	
sec-Butylbenzene		50.0	54.9	2.92	9.90	ug/L	
tert-Butylbenzene		50.0	52.7	0.544	5.40	ug/L	
Carbon Disulfide		50.0	53.6	0.817	7.10	ug/L	
Carbon Tetrachloride		50.0	57.0	0.475	14.0	ug/L	
Dibromochloromethane		50.0	47.9	0.308	4.20	ug/L	
Chloroethane		50.0	52.2	0.202	4.50	ug/L	
2-Chloroethyl Vinyl Ether		50.0	47.0	0.0788	5.90	ug/L	
2-Chlorotoluene		50.0	51.7	2.31	3.50	ug/L	
4-Chlorotoluene		50.0	53.9	2.19	7.80	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	49.4	0.0718	1.10	ug/L	
1,2-Dibromoethane		50.0	52.9	0.235	5.70	ug/L	
Dibromomethane		50.0	53.6	0.134	7.20	ug/L	
1,2-Dichlorobenzene		50.0	49.6	1.24	0.700	ug/L	
1,3-Dichlorobenzene		50.0	51.1	1.46	2.10	ug/L	
1,4-Dichlorobenzene		50.0	49.2	1.47	1.60	ug/L	
Dichlorodifluoromethane		50.0	54.8	0.398	9.70	ug/L	
1,2-Dichloroethane		50.0	51.3	0.354	2.60	ug/L	
cis-1,2-Dichloroethene		50.0	53.1	0.304	6.10	ug/L	
trans-1,2-Dichloroethene		50.0	54.2	0.299	8.30	ug/L	
1,3-Dichloropropane		50.0	50.4	0.405	0.900	ug/L	
2,2-Dichloropropane		50.0	54.8	0.502	9.70	ug/L	
cis-1,3-Dichloropropene		50.0	55.1	0.404	10.2	ug/L	
trans-1,3-Dichloropropene		50.0	54.7	0.481	9.50	ug/L	

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 592050
Report generated 10/10/2006 14:51

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092498

Login Number: L0609691 Run Date: 09/29/2006 Sample ID: WG223694-02
Instrument ID: HPMS10 Run Time: 08:44 Method: 8260B
File ID: 10M49412 Analyst: MES
Workgroup (AAB#): WG223695 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	52.8	0.399	5.70	ug/L	
2-Hexanone		50.0	53.5	0.106	6.90	ug/L	
Hexachlorobutadiene		50.0	51.9	0.360	3.80	ug/L	
Isopropylbenzene		50.0	54.8	1.52	9.70	ug/L	
p-Isopropyltoluene		50.0	54.1	2.57	8.10	ug/L	
4-Methyl-2-Pentanone		50.0	51.9	0.0451	3.90	ug/L	
Methylene Chloride		50.0	46.7	0.268	6.70	ug/L	
Naphthalene		50.0	60.9	1.09	21.9	ug/L	
n-Propylbenzene		50.0	55.7	3.38	11.4	ug/L	
Styrene		50.0	50.0	0.989	0	ug/L	
1,1,1,2-Tetrachloroethane		50.0	53.4	0.379	6.80	ug/L	
Tetrachloroethene		50.0	51.8	0.342	3.50	ug/L	
1,2,3-Trichlorobenzene		50.0	50.9	0.604	1.70	ug/L	
1,2,4-Trichlorobenzene		50.0	53.9	0.819	7.80	ug/L	
1,1,1-Trichloroethane		50.0	54.7	0.510	9.40	ug/L	
1,1,2-Trichloroethane		50.0	51.3	0.227	2.60	ug/L	
Trichloroethene		50.0	53.4	0.309	6.70	ug/L	
Trichlorofluoromethane		50.0	53.2	0.611	6.40	ug/L	
1,2,3-Trichloropropane		50.0	49.0	0.133	1.90	ug/L	
1,2,4-Trimethylbenzene		50.0	55.2	2.49	10.3	ug/L	
1,3,5-Trimethylbenzene		50.0	55.7	2.40	11.5	ug/L	
Vinyl Acetate		50.0	43.9	0.352	12.2	ug/L	
o-Xylene		50.0	53.9	0.590	7.90	ug/L	
m-,p-Xylene		100	106	0.622	5.90	ug/L	
Xylenes		150	160	0.606	6.60	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 592050
Report generated 10/10/2006 14:51

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092499

Login Number: L0609691 Run Date: 10/02/2006 Sample ID: WG223965-02
Instrument ID: HPMS10 Run Time: 18:35 Method: 8260B
File ID: 10M49544 Analyst: MES
Workgroup (AAB#): WG223967 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	48.0	0.488	4.00	ug/L	
1,1-Dichloroethene	CCC	50.0	48.7	0.247	2.60	ug/L	
1,2-Dichloropropane	CCC	50.0	48.9	0.234	2.20	ug/L	
Ethylbenzene	CCC	50.0	49.6	0.482	0.800	ug/L	
Toluene	CCC	50.0	49.2	1.38	1.70	ug/L	
Vinyl Chloride	CCC	50.0	45.3	0.173	9.30	ug/L	
Bromoform	SPCC	50.0	49.2	0.163	1.50	ug/L	
Chlorobenzene	SPCC	50.0	48.0	0.910	4.10	ug/L	
Chloromethane	SPCC	50.0	49.4	0.257	1.30	ug/L	
1,1-Dichloroethane	SPCC	50.0	48.4	0.489	3.20	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	48.3	0.358	3.30	ug/L	
Acetone		50.0	47.1	0.0345	5.80	ug/L	
Benzene		50.0	46.7	0.944	6.70	ug/L	
Bromobenzene		50.0	50.4	0.754	0.800	ug/L	
Bromochloromethane		50.0	48.6	0.122	2.70	ug/L	
Bromodichloromethane		50.0	48.6	0.319	2.80	ug/L	
Bromomethane		50.0	36.6	0.104	26.8	ug/L	
2-Butanone		50.0	44.7	0.0447	10.5	ug/L	
n-Butylbenzene		50.0	51.9	2.06	3.90	ug/L	
sec-Butylbenzene		50.0	53.6	2.85	7.10	ug/L	
tert-Butylbenzene		50.0	51.9	0.536	3.80	ug/L	
Carbon Disulfide		50.0	47.6	0.726	4.90	ug/L	
Carbon Tetrachloride		50.0	51.2	0.427	2.40	ug/L	
Dibromochloromethane		50.0	44.3	0.285	11.5	ug/L	
Chloroethane		50.0	49.2	0.191	1.60	ug/L	
2-Chloroethyl Vinyl Ether		50.0	29.6	0.0497	40.7	ug/L	*
2-Chlorotoluene		50.0	51.8	2.31	3.60	ug/L	
4-Chlorotoluene		50.0	50.6	2.06	1.20	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	42.9	0.0621	14.2	ug/L	
1,2-Dibromoethane		50.0	49.1	0.218	1.70	ug/L	
Dibromomethane		50.0	48.4	0.121	3.30	ug/L	
1,2-Dichlorobenzene		50.0	47.7	1.19	4.70	ug/L	
1,3-Dichlorobenzene		50.0	49.2	1.41	1.50	ug/L	
1,4-Dichlorobenzene		50.0	47.4	1.42	5.20	ug/L	
Dichlorodifluoromethane		50.0	45.8	0.332	8.40	ug/L	
1,2-Dichloroethane		50.0	46.5	0.321	7.00	ug/L	
cis-1,2-Dichloroethene		50.0	49.0	0.281	1.90	ug/L	
trans-1,2-Dichloroethene		50.0	49.1	0.271	1.80	ug/L	
1,3-Dichloropropane		50.0	47.3	0.379	5.50	ug/L	
2,2-Dichloropropane		50.0	48.7	0.445	2.70	ug/L	
cis-1,3-Dichloropropene		50.0	50.6	0.371	1.30	ug/L	
trans-1,3-Dichloropropene		50.0	50.4	0.443	0.700	ug/L	

KEMRON FORMS - Modified 09/06/2006
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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092500

Login Number: L0609691 Run Date: 10/02/2006 Sample ID: WG223965-02
Instrument ID: HPMS10 Run Time: 18:35 Method: 8260B
File ID: 10M49544 Analyst: MES
Workgroup (AAB#): WG223967 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	48.5	0.366	3.10	ug/L	
2-Hexanone		50.0	47.5	0.0939	5.00	ug/L	
Hexachlorobutadiene		50.0	50.1	0.348	0.200	ug/L	
Isopropylbenzene		50.0	51.8	1.43	3.70	ug/L	
p-Isopropyltoluene		50.0	52.2	2.48	4.40	ug/L	
4-Methyl-2-Pentanone		50.0	46.1	0.0400	7.90	ug/L	
Methylene Chloride		50.0	43.8	0.251	12.4	ug/L	
Naphthalene		50.0	49.4	0.886	1.20	ug/L	
n-Propylbenzene		50.0	54.0	3.28	8.00	ug/L	
Styrene		50.0	47.1	0.933	5.70	ug/L	
1,1,1,2-Tetrachloroethane		50.0	50.9	0.362	1.80	ug/L	
Tetrachloroethene		50.0	49.1	0.324	1.90	ug/L	
1,2,3-Trichlorobenzene		50.0	46.5	0.553	6.90	ug/L	
1,2,4-Trichlorobenzene		50.0	49.2	0.748	1.60	ug/L	
1,1,1-Trichloroethane		50.0	49.5	0.461	1.00	ug/L	
1,1,2-Trichloroethane		50.0	47.4	0.209	5.20	ug/L	
Trichloroethene		50.0	49.2	0.285	1.60	ug/L	
Trichlorofluoromethane		50.0	47.8	0.554	4.40	ug/L	
1,2,3-Trichloropropane		50.0	46.6	0.126	6.80	ug/L	
1,2,4-Trimethylbenzene		50.0	52.9	2.39	5.70	ug/L	
1,3,5-Trimethylbenzene		50.0	54.1	2.32	8.10	ug/L	
Vinyl Acetate		50.0	33.1	0.266	33.8	ug/L	
o-Xylene		50.0	51.3	0.561	2.60	ug/L	
m-,p-Xylene		100	99.5	0.584	0.500	ug/L	
Xylenes		150	151	0.573	0.500	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 592050
Report generated 10/10/2006 14:51

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092501

Login Number:L0609691
Instrument ID:HPMS10
Workgroup (AAB#):WG223657

CCV Number:WG223656-02
CAL ID: HPMS10-26-SEP-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223656-02	NA	NA	258455	486185	671534
Upper Limit	NA	NA	516910	972370	1343068
Lower Limit	NA	NA	129228	243093	335767
L0609691-01	1.00	01	167152	328720	470323
WG223657-01	1.00	01	234762	449381	630646
WG223657-02	1.00	01	252386	467334	640640
WG223657-03	1.00	01	254631	474363	654164

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592051
Report generated 10/10/2006 14:51

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092502

Login Number: L0609691
Instrument ID: HPMS10
Workgroup (AAB#): WG223695

CCV Number: WG223694-02
CAL ID: HPMS10-26-SEP-06
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223694-02	NA	NA	272770	514149	702415
Upper Limit	NA	NA	545540	1028298	1404830
Lower Limit	NA	NA	136385	257075	351208
L0609691-01	100	DL01	210584	400369	562750
WG223695-01	1.00	01	249685	475996	663863
WG223695-02	1.00	01	260048	483616	656855

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592051
Report generated 10/10/2006 14:51

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092503

Login Number:L0609691
Instrument ID:HPMS10
Workgroup (AAB#):WG223967

CCV Number:WG223965-02
CAL ID: HPMS10-26-SEP-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223965-02	NA	NA	277906	541754	755824
Upper Limit	NA	NA	555812	1083508	1511648
Lower Limit	NA	NA	138953	270877	377912
L0609691-02	1.00	01	243515	467403	659360
L0609691-03	1.00	01	256150	491893	699017
WG223967-01	1.00	01	257047	499452	707315
WG223967-02	1.00	01	276070	512793	707860
WG223967-03	1.00	01	276255	513529	712859

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592051
Report generated 10/10/2006 14:51

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092504

Login Number:L0609691
Instrument ID:HPMS10
Workgroup (AAB#):WG223657

CCV Number:WG223656-02
CAL ID: HPMS10-26-SEP-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223656-02	NA	NA	15.52	12.54	8.71
Upper Limit	NA	NA	16.02	13.04	9.21
Lower Limit	NA	NA	15.02	12.04	8.21
L0609691-01	1.00	01	15.52	12.54	8.71
WG223657-01	1.00	01	15.52	12.55	8.71
WG223657-02	1.00	01	15.52	12.55	8.71
WG223657-03	1.00	01	15.51	12.55	8.71

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592053
Report generated 10/10/2006 14:51

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092505

Login Number:L0609691
Instrument ID:HPMS10
Workgroup (AAB#):WG223695

CCV Number:WG223694-02
CAL ID: HPMS10-26-SEP-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223694-02	NA	NA	15.51	12.54	8.7
Upper Limit	NA	NA	16.01	13.04	9.2
Lower Limit	NA	NA	15.01	12.04	8.2
L0609691-01	100	DL01	15.52	12.54	8.71
WG223695-01	1.00	01	15.51	12.55	8.71
WG223695-02	1.00	01	15.52	12.54	8.71

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592053
Report generated 10/10/2006 14:51

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092506

Login Number: L0609691 **CCV Number:** WG223965-02
Instrument ID: HPMS10 **CAL ID:** HPMS10-26-SEP-06
Workgroup (AAB#): WG223967 **Matrix:** WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223965-02	NA	NA	15.52	12.55	8.71
Upper Limit	NA	NA	16.02	13.05	9.21
Lower Limit	NA	NA	15.02	12.05	8.21
L0609691-02	1.00	01	15.52	12.55	8.71
L0609691-03	1.00	01	15.52	12.54	8.71
WG223967-01	1.00	01	15.52	12.54	8.71
WG223967-02	1.00	01	15.52	12.54	8.71
WG223967-03	1.00	01	15.51	12.55	8.71

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 592053
Report generated 10/10/2006 14:51

Shaw® Shaw Environmental, Inc.

3010 Briarpark Drive, Suite 4N
Houston, TX 77042 (713) 996-4400

CHAIN-OF-CUSTODY Site 29

No. 10476

Laboratory Name: Kenvon Address: Marietta, OH Contact: S. Mossberg

Project Name LHAAP Project Location Karnack, Tx

Project No. 11591 Project Contact L. Duty Project Telephone No. 832-364-0173

Point of contact: Project Manager/Supervisor:

Telephone No.

Item No.	Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	VOC	Perchlorate	Analysis and Method Desired (Indicate separate containers)	Remarks
1	29WW35	9/26	1041		X	W		3	X			
2	29WW39	9/26	1500		X	W		3	X			
3	TB	9/26	900		X	W		2	X			
4												
5												
6												
7												
8												
9												
10												

Transfers Relinquished By (Signature)	Date/Time	Transfers Accepted By (Signature)	Date/Time
[signature]	9/26/06 1700	UPS	
		Laboratory Brenda Gregory	9/27/06 0930

Special Instructions: UC Sealed Cooler temp 2 bag intact

UPS 1Z 401 663 22 1005 5803

FedEx Airbill No.:

Sampler's Signature [signature]

TAT: ____ Standard ____ Rush Due: ___ Seals Intact? ____ Y ____ N Received Good Condition ____ Y ____ N ____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

00092508

SAMPLE RECEIPT FORM

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

Date: 9-27-06 Client: Shaw

Shipped By: ( ) Fed-Ex (✓) UPS ( )DHL ( ) KEMRON ( ) Client ( ) Other

Opened By: BG

Logged By: BG Login # L06 09691

IR Temp Gun: (✓) D ( )G

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	COC#	Other
1	0300	2	1Z4016632201005803		
2					
3					
4					
5					
6					

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	(Y)	N	N/A
Were custody seals intact?	(Y)	N	N/A
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	(Y)	N	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	(Y)	N	N/A
Was the label information complete?*	(Y)	N	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	(Y)	N	N/A
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	(N)	N/A
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	Y	N	(N/A)

**Requires a discrepancy form*

CRF #1
Revised 8/22/03

Comments:_____

KEMRON Environmental Services
Internal Chain of Custody Report

00092509

Login: L0609691
Account: 2773
Project: 2773.025
Samples: 3
Due Date: 06-OCT-2006

Samplenum	Container ID	Products
L0609691-01	279896	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			27-SEP-2006 17:15	BRG	
2	ANALYZ	V1	ORG4	28-SEP-2006 16:45	MES	BRG
3	STORE	ORG4	A1	10-OCT-2006 12:22	JKT	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			27-SEP-2006 17:15	BRG	
2	ANALYZ	V1	ORG4	28-SEP-2006 16:45	MES	BRG
3	STORE	ORG4	A1	10-OCT-2006 12:22	JKT	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			27-SEP-2006 17:15	BRG	
2	ANALYZ	V1	ORG4	28-SEP-2006 16:45	MES	BRG
3	STORE	ORG4	A1	10-OCT-2006 12:22	JKT	FJB

Samplenum	Container ID	Products
L0609691-02	279897	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			27-SEP-2006 17:15	BRG	
2	ANALYZ	V1	ORG4	28-SEP-2006 16:45	MES	BRG
3	STORE	ORG4	A1	10-OCT-2006 12:22	JKT	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			27-SEP-2006 17:15	BRG	
2	ANALYZ	V1	ORG4	28-SEP-2006 16:45	MES	BRG
3	STORE	ORG4	A1	10-OCT-2006 12:22	JKT	FJB

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			27-SEP-2006 17:15	BRG	
2	ANALYZ	V1	ORG4	28-SEP-2006 16:45	MES	BRG
3	STORE	ORG4	A1	10-OCT-2006 12:22	JKT	FJB

KEMRON Environmental Services
Internal Chain of Custody Report

00092510

Login: L0609691
Account: 2773
Project: 2773.025
Samples: 3
Due Date: 06-OCT-2006

Samplenum	Container ID	Products
L0609691-03	279898	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			27-SEP-2006 17:15	BRG	
2	ANALYZ	V1	ORG4	28-SEP-2006 16:45	MES	BRG
3	STORE	ORG4	A1	10-OCT-2006 12:22	JKT	FJB

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			27-SEP-2006 17:15	BRG	
2	ANALYZ	V1	ORG4	28-SEP-2006 16:45	MES	BRG
3	STORE	ORG4	A1	10-OCT-2006 12:22	JKT	FJB

156 Starlite Drive, Marietta, OH 45750 • TEL 740-373-4071 • FAX 740-373-4835 • http://www.kemron.com

Laboratory Report Number: L0609711

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact your team member noted in the reviewed box bleow at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

Debra Elliott - Team Leader
delliott@kemron-lab.com

Amanda Fickiesen - Client Services Specialist
afickiesen@kemron-lab.com

Cheryl Koelsch - Team Chemist/Data Specialist
ckoelsch@kemron-lab.com

Annie Bock - Client Services Specialist
abock@kemron-lab.com

Stephanie Mossburg - Team Chemist/Data Specialist
smossburg@kemron-lab.com

Kathy Albertson - Team Chemist/Data Specialist
kalbertson@kemron-lab.com

This report was reviewed on October 10, 2006.

Stephanie Mossburg

STEPHANIE MOSSBURG - Team Chemist/Data Specialist

I certify that all test results meet all of the requirements of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on October 10, 2006.

David E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 63 pages.

Protecting Our Environmental Future

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0609711

CHAIN OF CUSTODY: The chain of custody number was 10477.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 6 degrees C.

SAMPLE MANAGEMENT: All samples received were intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Approved: 29-SEP-06
Stephanie Mossburg

Laboratory Data Package Cover Page

00092513

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

✓R1 Field chain-of-custody documentation;

✓R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

✓R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

✓R5 Test reports/summary forms for blank samples;

✓R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

✓R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

✓R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

✓R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

✓R10 Other problems or anomalies.

✓The exception Report for every "No" or "Not Reviewed (NR)" item IN laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [✓] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

MIKE D. ALBERTSON		Volatiles Lab Supervisor	October 5, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609711
Project Name:	798-LONGHORN
Method:	8260B
Prep Batch Number(s):	223778
Reviewer Name:	MIKE D. ALBERTSON
LRC Date:	October 05, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?	✓				
Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?	✓				
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?	✓				
Were ion abundance data within the method-required QC limits?	✓				
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?	✓				
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?	✓				
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

EXCEPTIONS REPORT
ER# - Description
There were no exceptions.

Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00092517

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

✓R5 Test reports/summary forms for blank samples;

✓R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

✓R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

✓R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

DEANNA I. HESSON	Deanna Hesson	Conventional Lab Supervisor	October 10, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609711
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG224526
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 10, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?	✓				
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?	✓				
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?	✓				
Were MS/MSD analyzed at the appropriate frequency?	✓				
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?	✓				
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?	✓				
Were analytical duplicates analyzed at the appropriate frequency?	✓				
Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?	✓				
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?	✓				
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:			✓		
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609711
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG224526
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 10, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

LABORATORY REPORT

L0609711

00092522

10/10/06 09:40

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: Shaw E & I, Inc.
ABB Lummus Biulding
3010 Briarpark
Houston, TX 77042
Attention: Diane Mever

Account Number: 2773
Work ID: LHAAP

P.O. Number: 200328

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
29WW38	L0609711-01	27-SEP-06	28-SEP-06
29WW38-QC	L0609711-02	27-SEP-06	28-SEP-06

Report Number: **L0609711**
Report Date : **October 10, 2006**

00092523

Sample Number: **L0609711-01**
Client ID: **29WW38**
Matrix: **Water**
Workgroup Number: **WG224526**
Collect Date: **09/27/2006 10:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **1**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **10/09/2006 00:58**
Cal Date:
Run Date: **10/09/2006 00:58**
File ID: **I1100806.25**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	1.00	0.500

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609711-01**
Client ID: **29WW38**
Matrix: **Water**
Workgroup Number: **WG223778**
Collect Date: **09/27/2006 10:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 20:40**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 20:40**
File ID: **10M49435**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	3.62	J	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3	0.332	J	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7	0.252	J	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200

Report Number: **L0609711**
Report Date : **October 10, 2006**

00092524

Sample Number: **L0609711-01**
Client ID: **29WW38**
Matrix: **Water**
Workgroup Number: **WG223778**
Collect Date: **09/27/2006 10:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 20:40**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 20:40**
File ID: **10M49435**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	12.7		5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6	0.354	J	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	99.9	86	118	
1,2-Dichloroethane-d4	103	80	120	
Toluene-d8	104	88	110	
4-Bromofluorobenzene	107	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Report Number: **L0609711**
Report Date : **October 10, 2006**

00092525

Sample Number: **L0609711-02**
Client ID: **29WW38-QC**
Matrix: **Water**
Workgroup Number: **WG224526**
Collect Date: **09/27/2006 10:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **JWR**
Dilution: **1**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **10/09/2006 01:18**
Cal Date:
Run Date: **10/09/2006 01:18**
File ID: **I1100806.26**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	14797-73-0		U	1.00	0.500

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609711-02**
Client ID: **29WW38-QC**
Matrix: **Water**
Workgroup Number: **WG223778**
Collect Date: **09/27/2006 10:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 21:12**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 21:12**
File ID: **10M49436**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3	0.312	J	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7	0.225	J	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200

Report Number: **L0609711**
Report Date : **October 10, 2006**

00092526

Sample Number: **L0609711-02**
Client ID: **29WW38-QC**
Matrix: **Water**
Workgroup Number: **WG223778**
Collect Date: **09/27/2006 10:55**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **09/29/2006 21:12**
Cal Date: **09/26/2006 17:01**
Run Date: **09/29/2006 21:12**
File ID: **10M49436**

Analyte	CAS. Number	Result	Qual	PQL	SQL
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	12.5		5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6	0.351	J	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	99.9	86	118	
1,2-Dichloroethane-d4	106	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	110	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

WORKGROUP SUMMARY BY METHOD

Analysis:Volatile Organics
Analytical Method:8260B
Workgroup:WG223778

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609711-01	29WW38			09/29/06 20:40	01	HPMS10	MES
L0609711-02	29WW38-QC			09/29/06 21:12	01	HPMS10	MES

Analysis:Volatile Organics
Extraction Method:5030B
Workgroup:WG223778

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609711-01	29WW38				223778	HPMS10	MES
L0609711-02	29WW38-QC				223778	HPMS10	MES

Analysis:Perchlorate
Analytical Method:314.0
Workgroup:WG224526

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609711-01	29WW38			10/09/06 00:58	01	IC1	JWR
L0609711-02	29WW38-QC			10/09/06 01:18	01	IC1	JWR

Analysis:Perchlorate
Extraction Method:314.0
Workgroup:WG224526

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609711-01	29WW38		10/08/06 21:13			FILTER	JWR
L0609711-02	29WW38-QC		10/08/06 21:13			FILTER	JWR

Kemron Environmental Services
Analyst Listing
October 10, 2006

AJF – AMANDA J. FICKIESEN
ALB – ANNIE L. BOCK
ALT – ANN L. THAYER
ARA – ADRIAN R. ACHTERMANN
BRG – BRENDA R. GREGORY
CAA – CASSIE A. AUGENSTEIN
CAF – CHERYL A. FLOWERS
CAK – CHERYL A. KOELSCH
CEB – CHAD E. BARNES
CFB – CHAD F. BOOK
CLC – CHRYS L. CRAWFORD
CLS – CARA L. STRICKLER
CLW – CHARISSA L. WINTERS
CM – CHARLIE MARTIN
CMS – CRYSTAL M. STEPHENS
CPD – CHAD P. DAVIS
CSA – LUCINDA S. ARNOLD
CSH – CHRIS S. HILL
DAS – DALLAS A. SULLIVAN
DD – DIANE M. DENNIS
DDE – DEBRA D. ELLIOTT
DEL – DON E. LIGHTFRITZ
DEV – DAVID E. VANDENBERG
DGB – DOUGLAS G. BUTCHER
DIH – DEANNA I. HESSON
DJ – DONGPING JIANG
DLB – DAVID L. BUMGARNER
DLP – DOROTHY L. PAYNE
DLR – DIANNA L. RAUCH
DR – DEANNA ROBERTS
DRP – DAVE R. PITZER
DSM – DAVID S. MOSSOR
DST – DENNIS S. TEPE
ECL – ERIC C. LAWSON
ED – EMILY E. DECKER
FJB – FRANCES J. BOLDEN
HAV – HEMA VILASAGAR
JAL – JOHN A. LENT
JKT – JANE K. THOMPSON
JLS – JANICE L. SCHIMMEL
JNB – JOSHUA N. BOOTH
JS – JENNIFER L. SOUTHALL
JWR – JOHN W. RICHARDS
JWS – JACK W. SHEAVES
JYH – JI Y. HU
KCZ – KEVIN C. ZUMBRO
KEB – KATHRYN E. BARNES
KHR – KIM H. RHODES
KRA – KATHY R. ALBERTSON
LKN – LINDA K. NEDEFF
LSB – LESLIE S. BUCINA
MDA – MIKE D. ALBERTSON
MDC – MICHAEL D. COCHRAN
MES – MARY E. SCHILLING
MKZ – MARILYN K. ZUMBRO
MLR – MARY L. ROCHOTTE
MLS – MICHAEL L. SCHIMMEL
MMB – MAREN M. BEERY
MSW – MATT S. WILSON
NJB – NATALIE J. BOOTH
PAS – PATRICK A. STREET
PJM – PAUL J. MILLER
RB – ROBERT BUCHANAN
RDC – REBECCA D. CUTLIP
REK – ROBERT E. KYER
RNP – RICK N. PETTY
RWC – RODNEY W. CAMPBELL
SCM – SUSAN C. MOELLENDICK
SLM – STEPHANIE L. MOSSBURG
SLP – SHERI L. PFALZGRAF
SMH – SHAUNA M. HYDE
SRM – SAMUEL R. MCFEE
TMB – TIFFANY M. BAILEY
TMM – TAMMY M. MORRIS
VC – VICKI COLLIER
WFM – WALTER F. MARTIN

KEMRON Environmental Services

List of Valid Qualifiers

October 10, 2006

00092530

Qualkey: STD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
FL	Free Liquid
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL.
J,P	ESTIMATE & COLUMNS DON'T AGREE TO WITHIN 40%
L	Sample reporting limits elevated due to matrix interference
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
Z	Cannot be resolved from isomer - see below

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methylphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound an are matrix dependent.

Organic QA/QC

KEMRON Environmental Services
Data Checklist

00092532

Date: 26-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 12508
Analytical Workgroups: WG223354

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	NA
Project/Client Specific Requirements	NA
Special Standards	NA
Blanks	NA
TCL's	NA
Surrogates	NA
LCS (Laboratory Control Sample)	NA
Recoveries	NA
Surrogates	NA
MS/MSD/Duplicates	NA
Samples	NA
TCL Hits	NA
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Case Narrative	NA
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
27-SEP-2006

Secondary Reviewer:
28-SEP-2006

Generated: SEP-28-2006 16:22:48

00092533

KEMRON Environmental Services
Data Checklist

Date: 29-SEP-2006
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 12562
Analytical Workgroups: WG223695,WG223778

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	X
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
29-SEP-2006

Secondary Reviewer:
05-OCT-2006

Generated: OCT-05-2006 07:54:57

00092534

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 092606

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15878

Internal Standard: STD15077 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223354

Comments: Instrument blew filament 1 last night-switched to filament 2.
Oxygenate portion of this curve did not work for 1,4-dioxane.

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M49296	50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 08:52
2	10M49297	50ug/L WATER STD	NA	1	1	STD15104	09/26/06 09:19
3	10M49298	50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 09:49
4	10M49299	50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 10:09
5	10M49300	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 10:24
6	10M49301	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 10:50
7	10M49302	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 11:19
8	10M49303	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 11:50
9	10M49304	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 12:02
10	10M49305	WG223354-01 50NG BFB STD 8260	NA	1	1	STD14811	09/26/06 12:20
11	10M49306	WG223354-02 0.3ug/L WATER STD 8260	NA	1	1	STD15356	09/26/06 12:47
12	10M49307	WG223354-03 0.4 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 13:19
13	10M49308	WG223354-04 1 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 13:52
14	10M49309	WG223354-05 2 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 14:23
15	10M49310	WG223354-06 5 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 14:54
16	10M49311	WG223354-07 20 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 15:26
17	10M49312	WG223354-08 50 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 15:57
18	10M49313	WG223354-09 100 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 16:30
19	10M49314	WG223354-10 200 ug/L WATER STD 8260	NA	1	1	STD15356/STD15129	09/26/06 17:01
20	10M49315	SYSTEM BLANK	NA	1	1		09/26/06 17:33
21	10M49316	WG223354 50ug/L MA OXYGENATE STD	NA	1	1	STD15129	09/26/06 18:03
22	10M49317	WG223354-11 20ug/L ALT SOURCE	NA	1	1	STD15360	09/26/06 18:35

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2				
File ID: 10M49297				
			standard fails-run a curve.	
5				
File ID: 10M49300				
			BFB failed.	
6				

Approved: September 28, 2006

KEMRON Environmental Services

Instrument Run Log

00092535

Instrument: HPMS10 Dataset: 092606

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15878

Internal Standard: STD15077 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223354

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 10M49301				
			BFB failed. Retune.	
7				
File ID: 10M49302				
			Tuning.	
8				
File ID: 10M49303				
			Tuning.	
9				
File ID: 10M49304				
			Tuning.	
21				
File ID: 10M49316				
			Do not report.	

Approved: September 28, 2006

00092536

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 092906

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15930

Internal Standard: STD15436 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223695,WG223778

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M49411	WG223694-01 50NG BFB STD 8260	NA	1	1	STD14811	09/29/06 08:22
2	10M49412	WG223694-02 50ug/L WATER STD 8260	NA	1	1	STD15356	09/29/06 08:44
3	10M49413	WG223695-01 VBLK0929 BLANK 8260	NA	1	1		09/29/06 09:16
4	10M49414	WG223695-02 20ug/L LCS 8260	NA	1	1	STD15360	09/29/06 09:48
5	10M49415	L0609587-14 A 826-SPE	<2	1	1		09/29/06 10:20
6	10M49416	L0609587-15 A 826-SPE	<2	1	1		09/29/06 10:51
7	10M49417	L0609587-16 A 826-SPE	<2	1	1		09/29/06 11:23
8	10M49418	L0609587-03 A 826-SPE	<2	1	1		09/29/06 11:55
9	10M49419	L0609587-04 MS A 826-SPE	<2	1	1	STD15360	09/29/06 12:26
10	10M49420	L0609587-05 MSD A 826-SPE	<2	1	1	STD15360	09/29/06 12:57
11	10M49421	L0607001-01 8260	NA	1	1	STD15356	09/29/06 13:29
12	10M49422	L0607002-01 8260	NA	1	1	STD15356	09/29/06 14:02
13	10M49423	L0607001-01 8260	NA	1	1	STD15356	09/29/06 14:33
14	10M49424	L0607002-01 8260	NA	1	1	STD15356	09/29/06 15:05
15	10M49425	L0609691-01 B D1 100X 826-LOW	6	1	100		09/29/06 15:36
16	10M49426	L0609610-01 A 8260	5	1	1		09/29/06 16:08
17	10M49427	L0609610-02 A 8260	<2	1	1		09/29/06 16:39
18	10M49428	SYSTEM CHECK	NA	1	1		09/29/06 17:11
19	10M49429	WG223777-01 50NG BFB STD 8260	NA	1	1	STD14811	09/29/06 17:38
20	10M49430	WG223777-02 50ug/L WATER STD 8260	NA	1	1	STD15356	09/29/06 17:59
21	10M49431	WG223778-01 VBLK0929 BLANK 8260	NA	1	1		09/29/06 18:31
22	10M49432	WG223778-02 20ug/L LCS 8260	NA	1	1	STD15360	09/29/06 19:04
23	10M49433	L0609603-01 A 826-LOW	<2	1	1		09/29/06 19:36
24	10M49434	L0609540-28 A 826-LOW	<2	1	1		09/29/06 20:08
25	10M49435	L0609711-01 A 826-LOW	<2	1	1		09/29/06 20:40
26	10M49436	L0609711-02 A 826-LOW	<2	1	1		09/29/06 21:12
27	10M49437	L0609783-02 A 826-LOW	7	1	1		09/29/06 21:44
28	10M49438	L0609530-01 A 826-LOW	<2	1	1		09/29/06 22:16
29	10M49439	L0609540-27 A 826-LOW	<2	1	1		09/29/06 22:48
30	10M49440	WG223778-03 L0609584-	<2	1	1		09/29/06 23:20
31	10M49441	WG223778-04 L0609584-17	<2	1	1	STD15360	09/29/06 23:51
32	10M49442	WG223778-05 L0609584-19 M	<2	1	1	STD15360	09/30/06 00:23

Approved: October 05, 2006

KEMRON Environmental Services

Instrument Run Log

00092537

Instrument: HPMS10 Dataset: 092906
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15930

Internal Standard: STD15436 Surrogate Standard: STD15264
CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG223695,WG223778

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
33	10M49443	L0609603-04 A 826-LOW	<2	1	1		09/30/06 00:55
34	10M49444	L0609584-03 A 826-LOW	<2	1	1		09/30/06 01:26
35	10M49445	L0609584-05 A 826-LOW	<2	1	1		09/30/06 01:58
36	10M49446	L0609584-07 A 826-LOW	<2	1	1		09/30/06 02:30
37	10M49447	L0609584-09 A 826-LOW	<2	1	1		09/30/06 03:02
38	10M49448	L0609584-11 A 826-LOW	<2	1	1		09/30/06 03:33
39	10M49449	L0609584-13 A 826-LOW	<2	1	1		09/30/06 04:05
40	10M49450	L0609584-21 A 826-LOW	<2	1	1		09/30/06 04:37
41	10M49451	SYSTEM CHECK	NA	1	1		09/30/06 05:09
42	10M49452	SYSTEM CHECK	NA	1	1		09/30/06 05:41

Comments

Seq.	Rerun	Dil.	Reason	Analytes
27	X	100	Over Calibration Range	PCE
File ID: 10M49437				
28	X	1	Carry-over contamination	
File ID: 10M49438				
Do not report.				
29	X	50000	Over Calibration Range	methylene chloride and TCE
File ID: 10M49439				
30	X	1	Carry-over contamination	
File ID: 10M49440				
QC only.				
31	X	1	Carry-over contamination	
File ID: 10M49441				
QC only.				
32	X	1	Carry-over contamination	
File ID: 10M49442				
QC only.				
33				
File ID: 10M49443				

Approved: October 05, 2006

KEMRON Environmental Services

Instrument Run Log

00092538

Instrument: HPMS10 Dataset: 092906

Analyst1: MES Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 15930

Internal Standard: STD15436 Surrogate Standard: STD15264

CCV: STD15356 LCS: STD15360 MS/MSD: STD15360

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG223695,WG223778

Comments

Seq.	Rerun	Dil.	Reason	Analytes
			Carryover-do not report.	
34				
File ID: 10M49444				
			Carryover-do not report.	
35				
File ID: 10M49445				
			Carryover-do not report.	
36				
File ID: 10M49446				
			Carryover-do not report.	
37				
File ID: 10M49447				
			Carryover-do not report.	
38				
File ID: 10M49448				
			Carryover-do not report.	
39				
File ID: 10M49449				
			Carryover-do not report.	
40				
File ID: 10M49450				
			Carryover-do not report.	

Approved: October 05, 2006

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092539

Analytical Method: 8260B AAB#: WG223778

Login Number: L0609711

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WW38	09/27/06	09/28/06	09/29/06	14	2.41	09/29/06	14	2.41	
29WW38-QC	09/27/06	09/28/06	09/29/06	14	2.43	09/29/06	14	2.43	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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Version 1.5 PDF File ID: 586328
Report generated 10/05/2006 13:43

SURROGATE STANDARDS

00092540

Login Number: L0609711
Instrument Id: HPMS10
Workgroup (AAB#): WG223778

Method: 8260
CAL ID: HPMS10-26-SEP-06
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0609711-01	1.00	01	103	99.9	107	104
L0609711-02	1.00	01	106	99.9	110	103
WG223778-01	1.00	01	99.2	98.9	104	103
WG223778-02	1.00	01	101	99.9	107	103

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 586338
Report generated 10/05/2006 13:43

METHOD BLANK SUMMARY

00092541

Login Number: L0609711
Blank File ID: 10M49431
Date Analyzed: 09/29/06
Time Analyzed: 18:31
Analyst: MES

Work Group: WG223778
Blank Sample ID: WG223778-01
Instrument ID: HPMS10
Method: 8260B

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG223778-02	10M49432	09/29/06 19:04	01
29WW38	L0609711-01	10M49435	09/29/06 20:40	01
29WW38-QC	L0609711-02	10M49436	09/29/06 21:12	01

KEMRON Environmental Services

METHOD BLANK REPORT

00092542

Login Number:L0609711 Run Date:09/29/2006 Sample ID:WG223778-01
Instrument ID:HPMS10 Run Time:18:31 Prep Method:5030B
File ID:10M49431 Analyst:MES Method:8260B
Workgroup (AAB#):WG223778 Matrix:Water Units:ug/L
Contract #:DACA56-94-D-0020 Cal ID:HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.872	1	J

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KEMRON Environmental Services

METHOD BLANK REPORT

00092543

Login Number: L0609711 Run Date: 09/29/2006 Sample ID: WG223778-01
Instrument ID: HPMS10 Run Time: 18:31 Prep Method: 5030B
File ID: 10M49431 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223778 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Naphthalene	0.200	1.00	0.480	1	J
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.743	1	J
1,2,4-Trichlorobenzene	0.200	1.00	0.351	1	J
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	98.9	86 - 118	PASS
1,2-Dichloroethane-d4	99.2	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	104	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092544

Login Number:L0609711 Run Date:09/29/2006 Sample ID:WG223778-02
Instrument ID:HPMS10 Run Time:19:04 Prep Method:5030B
File ID:10M49432 Analyst:MES Method:8260B
Workgroup (AAB#):WG223778 Matrix:Water Units:ug/L
Contract #:DACA56-94-D-0020 Cal ID:HPMS10-26-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	26.5	132	40 - 142	
Benzene	20.0	20.3	101	80 - 121	
Bromobenzene	20.0	22.0	110	80 - 120	
Bromochloromethane	20.0	22.3	111	65 - 130	
Bromodichloromethane	20.0	22.2	111	80 - 131	
Bromoform	20.0	23.1	115	70 - 130	
Bromomethane	20.0	19.2	95.8	30 - 145	
2-Butanone	20.0	23.6	118	30 - 150	
n-Butylbenzene	20.0	21.2	106	80 - 131	
sec-Butylbenzene	20.0	21.7	108	80 - 127	
tert-Butylbenzene	20.0	20.4	102	80 - 126	
Carbon disulfide	20.0	17.8	89.2	58 - 138	
Carbon tetrachloride	20.0	22.5	112	65 - 140	
Chlorobenzene	20.0	21.0	105	80 - 120	
Chlorodibromomethane	20.0	20.5	103	60 - 135	
Chloroethane	20.0	19.9	99.3	60 - 135	
2-Chloroethyl vinyl ether	20.0	21.4	107	58 - 151	
Chloroform	20.0	21.2	106	80 - 125	
Chloromethane	20.0	21.8	109	40 - 125	
2-Chlorotoluene	20.0	22.0	110	80 - 127	
4-Chlorotoluene	20.0	21.1	105	80 - 126	
1,2-Dibromo-3-chloropropane	20.0	20.5	103	50 - 130	
1,2-Dibromoethane	20.0	23.6	118	80 - 125	
Dibromomethane	20.0	22.9	115	75 - 125	
1,2-Dichlorobenzene	20.0	21.2	106	80 - 125	
1,3-Dichlorobenzene	20.0	21.1	105	80 - 120	
1,4-Dichlorobenzene	20.0	20.4	102	80 - 120	
Dichlorodifluoromethane	20.0	18.9	94.6	50 - 133	
1,1-Dichloroethane	20.0	21.2	106	80 - 125	
1,2-Dichloroethane	20.0	22.7	114	80 - 129	
1,1-Dichloroethene	20.0	21.3	107	80 - 132	
cis-1,2-Dichloroethene	20.0	21.1	106	70 - 125	
trans-1,2-Dichloroethene	20.0	21.0	105	80 - 127	
1,2-Dichloropropane	20.0	21.7	108	80 - 120	
1,3-Dichloropropane	20.0	23.1	115	80 - 120	
2,2-Dichloropropane	20.0	21.0	105	80 - 133	
cis-1,3-Dichloropropene	20.0	22.4	112	70 - 130	
trans-1,3-Dichloropropene	20.0	21.5	108	80 - 130	
1,1-Dichloropropene	20.0	21.5	107	75 - 130	
Ethylbenzene	20.0	21.9	109	80 - 122	
2-Hexanone	20.0	24.0	120	55 - 130	

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Version 1.5 PDF File ID: 586331
Report generated 10/05/2006 13:43

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092545

Login Number: L0609711 Run Date: 09/29/2006 Sample ID: WG223778-02
Instrument ID: HPMS10 Run Time: 19:04 Prep Method: 5030B
File ID: 10M49432 Analyst: MES Method: 8260B
Workgroup (AAB#): WG223778 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-26-SEP-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	21.0	105	72 - 132	
Isopropylbenzene	20.0	20.2	101	80 - 122	
p-Isopropyltoluene	20.0	20.5	102	80 - 122	
4-Methyl-2-pentanone	20.0	23.4	117	64 - 140	
Methylene chloride	20.0	18.7	93.7	80 - 123	
Naphthalene	20.0	21.5	108	59 - 149	
n-Propylbenzene	20.0	22.0	110	80 - 129	
Styrene	20.0	20.2	101	80 - 123	
1,1,1,2-Tetrachloroethane	20.0	22.9	115	80 - 130	
1,1,2,2-Tetrachloroethane	20.0	23.6	118	79 - 125	
Tetrachloroethene	20.0	21.6	108	80 - 124	
Toluene	20.0	21.4	107	80 - 124	
1,2,3-Trichlorobenzene	20.0	21.0	105	55 - 140	
1,2,4-Trichlorobenzene	20.0	21.1	106	65 - 135	
1,1,1-Trichloroethane	20.0	22.3	112	80 - 134	
1,1,2-Trichloroethane	20.0	23.5	118	80 - 125	
Trichloroethene	20.0	21.5	107	80 - 122	
Trichlorofluoromethane	20.0	18.7	93.5	62 - 151	
1,2,3-Trichloropropane	20.0	22.8	114	75 - 125	
1,2,4-Trimethylbenzene	20.0	21.8	109	80 - 125	
1,3,5-Trimethylbenzene	20.0	22.4	112	80 - 127	
Vinyl acetate	20.0	5.23	26.2	10 - 150	
Vinyl chloride	20.0	20.4	102	65 - 140	
o-Xylene	20.0	21.9	109	80 - 122	
m-,p-Xylene	40.0	43.2	108	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	99.9	86 - 118	PASS
1,2-Dichloroethane-d4	101	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	107	86 - 115	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 586331
Report generated 10/05/2006 13:43

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609711 Tune ID: WG223354-01
Instrument: HPMS10 Run Date: 09/26/2006
Analyst: MES Run Time: 12:20
Workgroup: WG223354 File ID: 10M49305
Cal ID: HPMS10-26-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	21.1	4090	PASS
75.0	95.0	30.0	60.0	46.6	9063	PASS
95.0	95.0	100	100	100	19428	PASS
96.0	95.0	5.00	9.00	7.38	1434	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	84.8	16476	PASS
175	174	5.00	9.00	5.21	859	PASS
176	174	95.0	101	96.5	15903	PASS
177	176	5.00	9.00	6.95	1105	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223354-11	SSCV	01	09/26/2006 18:35	
WG223354-10	STD	01	09/26/2006 17:01	
WG223354-09	STD	01	09/26/2006 16:30	
WG223354-08	STD-CCV	01	09/26/2006 15:57	
WG223354-07	STD	01	09/26/2006 15:26	
WG223354-06	STD	01	09/26/2006 14:54	
WG223354-05	STD	01	09/26/2006 14:23	
WG223354-04	STD	01	09/26/2006 13:52	
WG223354-03	STD	01	09/26/2006 13:19	
WG223354-02	STD	01	09/26/2006 12:47	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 586334
Report generated 10/05/2006 15:10

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0609711 Tune ID: WG223777-01
Instrument: HPMS10 Run Date: 09/29/2006
Analyst: MES Run Time: 17:38
Workgroup: WG223777 File ID: 10M49429
Cal ID: HPMS10 -26-SEP-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	20.1	4657	PASS
75.0	95.0	30.0	60.0	46.6	10808	PASS
95.0	95.0	100	100	100	23208	PASS
96.0	95.0	5.00	9.00	6.89	1600	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	89.9	20869	PASS
175	174	5.00	9.00	8.10	1691	PASS
176	174	95.0	101	97.1	20256	PASS
177	176	5.00	9.00	6.79	1375	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG223777-02	CCV	09/29/2006 17:59	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG223778-01	BLANK	01	09/29/2006 18:31	
WG223778-02	LCS	01	09/29/2006 19:04	
L0609711-01	29WW38	01	09/29/2006 20:40	
L0609711-02	29WW38-QC	01	09/29/2006 21:12	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 586335
Report generated 10/05/2006 15:10

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092548

Login Number: L0609711 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

ICAL Workgroup: WG223354 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,1-Dichloroethene	CCC	0.2533	4.45		
1,2-Dichloropropane	CCC	0.2392	7.51		
Chloroform	CCC	0.5083	5.56		
Ethylbenzene	CCC	0.4856	7.29		
Toluene	CCC	1.398	4.98		
Vinyl Chloride	CCC	0.1908	12.8		
1,1,2,2-Tetrachloroethane	SPCC	0.3703	14.5		
1,1-Dichloroethane	SPCC	0.5044	5.39		
Bromoform	SPCC	0.1656	13.9		
Chlorobenzene	SPCC	0.9492	3.57		
Chloromethane	SPCC	0.2600	12.9		
1,1,1,2-Tetrachloroethane		0.3550	10.3		
1,1,1-Trichloroethane		0.4655	9.43		
1,1,2-Trichloroethane		0.2210	9.12		
1,1-Dichloropropene		0.3775	4.17		
1,2,3-Trichlorobenzene		0.5937	7.25		
1,2,3-Trichloropropane		0.1355	7.19		
1,2,4-Trichlorobenzene		0.7600	9.23		
1,2,4-Trimethylbenzene		2.259	10.8		
1,2-Dibromo-3-Chloropropane		0.06578	17.0	1.00	
1,2-Dibromoethane		0.2219	12.9		
1,2-Dichlorobenzene		1.253	5.03		
1,2-Dichloroethane		0.3449	9.43		
1,3,5-Trimethylbenzene		2.149	12.9		
1,3-Dichlorobenzene		1.434	4.30		
1,3-Dichloropropane		0.4011	6.91		
1,4-Dichlorobenzene		1.495	4.38		
2,2-Dichloropropane		0.4577	7.76		
2-Butanone		0.04994	8.46		
2-Chloroethyl Vinyl Ether		0.08373	4.59		
2-Chlorotoluene		2.235	7.28		
2-Hexanone		0.09886	8.47		
4-Chlorotoluene		2.034	6.85		
4-Methyl-2-Pentanone		0.04340	7.82		
Acetone		0.03662	12.4		
Benzene		1.012	4.48		
Bromobenzene		0.7486	6.86		
Bromochloromethane		0.1259	12.0		
Bromodichloromethane		0.3278	7.84		
Bromomethane		0.1425	14.3		
Carbon Disulfide		0.7629	4.75		
Carbon Tetrachloride		0.4169	13.9		
Chloroethane		0.1937	4.59		
Dibromochloromethane		0.2781	17.0		1.00
Dibromomethane		0.1250	11.2		

KEMRON FORMS - Modified 08/31/2006
Version 1.5 PDF File ID: 586332
Report generated 10/05/2006 13:43

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092549

Login Number: L0609711 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

ICAL Workgroup: WG223354 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
Dichlorodifluoromethane		0.3629	6.31		
Hexachlorobutadiene		0.3469	14.9		
Isopropylbenzene		1.384	10.4		
Methylene Chloride		0.2868	14.4		
Naphthalene		0.8972	13.8		
Styrene		0.8558	18.5		1.00
Tetrachloroethene		0.3307	11.2		
Trichloroethene		0.2893	7.50		
Trichlorofluoromethane		0.5286	21.6		1.00
Vinyl Acetate		0.4012	4.20		
cis-1,2-Dichloroethene		0.2867	7.28		
cis-1,3-Dichloropropene		0.3661	11.0		
m-,p-Xylene		0.5872	6.35		
n-Butylbenzene		1.984	8.68		
n-Propylbenzene		3.038	12.1		
o-Xylene		0.5471	9.97		
p-Isopropyltoluene		2.379	8.67		
sec-Butylbenzene		2.658	11.9		
tert-Butylbenzene		0.5160	6.77		
trans-1,2-Dichloroethene		0.2756	8.02		
trans-1,3-Dichloropropene		0.4397	12.0		

KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092550

Login Number:L0609711 Instrument ID:HPMS10

Analytical Method:8260B Initial Calibration Date:26-SEP-06 17:01

Column ID:F

Analyte	WG223354-02			WG223354-03			WG223354-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	1.00	5565.00000	0.2373
1,2-Dichloropropane	NA	NA	NA	0.400	1799.00000	0.2042	1.00	5220.00000	0.2226
Chloroform	0.300	3076.00000	0.4594	0.400	4299.00000	0.4879	1.00	12046.0000	0.5138
Ethylbenzene	NA	NA	NA	0.400	2583.00000	0.4099	1.00	8185.00000	0.4954
Toluene	NA	NA	NA	0.400	7975.00000	1.266	1.00	22880.0000	1.385
Vinyl Chloride	NA	NA	NA	0.400	1552.00000	0.1761	1.00	5246.00000	0.2237
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	938.000000	0.2795	1.00	2642.00000	0.2969
1,1-Dichloroethane	NA	NA	NA	0.400	4036.00000	0.4580	1.00	11479.0000	0.4896
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2129.00000	0.1288
Chlorobenzene	NA	NA	NA	0.400	5802.00000	0.9207	1.00	15987.0000	0.9675
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	7587.00000	0.3236
1,1,1,2-Tetrachloroethane	NA	NA	NA	0.400	1803.00000	0.2861	1.00	5477.00000	0.3315
1,1,1-Trichloroethane	NA	NA	NA	0.400	3300.00000	0.3745	1.00	10638.0000	0.4537
1,1,2-Trichloroethane	NA	NA	NA	0.400	1146.00000	0.1819	1.00	3476.00000	0.2104
1,1-Dichloropropene	NA	NA	NA	NA	NA	NA	1.00	8422.00000	0.3592
1,2,3-Trichlorobenzene	0.300	1431.00000	0.5807	0.400	1778.00000	0.5297	1.00	5042.00000	0.5666
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	1.00	1098.00000	0.1234
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	2221.00000	0.6617	1.00	5926.00000	0.6659
1,2,4-Trimethylbenzene	NA	NA	NA	0.400	5820.00000	1.734	1.00	18858.0000	2.119
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	0.400	983.000000	0.1560	1.00	3548.00000	0.2147
1,2-Dichlorobenzene	0.300	3092.00000	1.255	0.400	3846.00000	1.146	1.00	11337.0000	1.274
1,2-Dichloroethane	NA	NA	NA	0.400	2586.00000	0.2935	1.00	8318.00000	0.3548
1,3,5-Trimethylbenzene	NA	NA	NA	0.400	5337.00000	1.590	1.00	17021.0000	1.913
1,3-Dichlorobenzene	NA	NA	NA	0.400	4455.00000	1.327	1.00	12643.0000	1.421
1,3-Dichloropropane	NA	NA	NA	0.400	2189.00000	0.3474	1.00	6646.00000	0.4022
1,4-Dichlorobenzene	0.300	3815.00000	1.548	0.400	4949.00000	1.475	1.00	13838.0000	1.555
2,2-Dichloropropane	NA	NA	NA	0.400	3388.00000	0.3845	1.00	10340.0000	0.4410
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	0.400	6465.00000	1.926	1.00	19038.0000	2.139
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	0.400	5914.00000	1.762	1.00	18389.0000	2.066
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	0.400	8968.00000	1.018	1.00	23978.0000	1.023
Bromobenzene	0.300	1612.00000	0.6542	0.400	2387.00000	0.7112	1.00	6416.00000	0.7209
Bromochloromethane	NA	NA	NA	0.400	820.000000	0.09310	1.00	2816.00000	0.1201
Bromodichloromethane	NA	NA	NA	0.400	2502.00000	0.2839	1.00	7161.00000	0.3054
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	4074.00000	0.1738
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	16809.0000	0.7169
Carbon Tetrachloride	NA	NA	NA	0.400	2501.00000	0.2838	1.00	9780.00000	0.4171

INITIAL CALIBRATION DATA

00092551

Login Number: L0609711 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-05			WG223354-06			WG223354-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	11379.0000	0.2412	5.00	30353.0000	0.2557	20.0	127421.000	0.2634
1,2-Dichloropropane	2.00	11654.0000	0.2470	5.00	29513.0000	0.2486	20.0	123236.000	0.2548
Chloroform	2.00	24618.0000	0.5217	5.00	64650.0000	0.5446	20.0	257263.000	0.5318
Ethylbenzene	2.00	15853.0000	0.4707	5.00	43460.0000	0.5131	20.0	180323.000	0.5174
Toluene	2.00	46282.0000	1.374	5.00	124755.000	1.473	20.0	506489.000	1.453
Vinyl Chloride	2.00	10447.0000	0.2214	5.00	24080.0000	0.2028	20.0	93100.0000	0.1925
1,1,2,2-Tetrachloroethane	2.00	7132.00000	0.3976	5.00	19093.0000	0.4259	20.0	75941.0000	0.4059
1,1-Dichloroethane	2.00	23531.0000	0.4987	5.00	62926.0000	0.5301	20.0	258753.000	0.5349
Bromoform	2.00	4662.00000	0.1384	5.00	14223.0000	0.1679	20.0	62252.0000	0.1786
Chlorobenzene	2.00	32302.0000	0.9590	5.00	83450.0000	0.9852	20.0	340669.000	0.9775
Chloromethane	2.00	12793.0000	0.2711	5.00	31729.0000	0.2673	20.0	123638.000	0.2556
1,1,1,2-Tetrachloroethane	2.00	12083.0000	0.3587	5.00	32927.0000	0.3887	20.0	135992.000	0.3902
1,1,1-Trichloroethane	2.00	22462.0000	0.4760	5.00	59819.0000	0.5039	20.0	244015.000	0.5044
1,1,2-Trichloroethane	2.00	7987.00000	0.2371	5.00	20635.0000	0.2436	20.0	81115.0000	0.2328
1,1-Dichloropropene	2.00	17215.0000	0.3648	5.00	46200.0000	0.3892	20.0	189938.000	0.3927
1,2,3-Trichlorobenzene	2.00	9635.00000	0.5372	5.00	28642.0000	0.6389	20.0	117922.000	0.6302
1,2,3-Trichloropropane	2.00	2690.00000	0.1500	5.00	6308.00000	0.1407	20.0	26156.0000	0.1398
1,2,4-Trichlorobenzene	2.00	12667.0000	0.7062	5.00	35612.0000	0.7944	20.0	153532.000	0.8206
1,2,4-Trimethylbenzene	2.00	39610.0000	2.208	5.00	108984.000	2.431	20.0	457201.000	2.444
1,2-Dibromo-3-Chloropropane	2.00	806.000000	0.04490	5.00	2788.00000	0.06220	20.0	12595.0000	0.06730
1,2-Dibromoethane	2.00	7620.00000	0.2262	5.00	19758.0000	0.2333	20.0	83132.0000	0.2385
1,2-Dichlorobenzene	2.00	22832.0000	1.273	5.00	60933.0000	1.359	20.0	241301.000	1.290
1,2-Dichloroethane	2.00	17582.0000	0.3726	5.00	44653.0000	0.3762	20.0	178864.000	0.3698
1,3,5-Trimethylbenzene	2.00	37371.0000	2.083	5.00	105398.000	2.351	20.0	443728.000	2.372
1,3-Dichlorobenzene	2.00	26242.0000	1.463	5.00	68188.0000	1.521	20.0	275940.000	1.475
1,3-Dichloropropane	2.00	14030.0000	0.4165	5.00	36237.0000	0.4278	20.0	146898.000	0.4215
1,4-Dichlorobenzene	2.00	27429.0000	1.529	5.00	70761.0000	1.579	20.0	277840.000	1.485
2,2-Dichloropropane	2.00	21459.0000	0.4548	5.00	57416.0000	0.4837	20.0	235567.000	0.4870
2-Butanone	NA	NA	NA	5.00	6427.00000	0.05410	20.0	25190.0000	0.05210
2-Chloroethyl Vinyl Ether	2.00	3600.00000	0.07630	5.00	9927.00000	0.08360	20.0	41576.0000	0.08590
2-Chlorotoluene	2.00	41221.0000	2.298	5.00	107687.000	2.402	20.0	440793.000	2.356
2-Hexanone	NA	NA	NA	5.00	7744.00000	0.09140	20.0	36565.0000	0.1049
4-Chlorotoluene	2.00	35736.0000	1.992	5.00	100135.000	2.234	20.0	397668.000	2.125
4-Methyl-2-Pentanone	NA	NA	NA	5.00	4788.00000	0.04030	20.0	22387.0000	0.04630
Acetone	NA	NA	NA	5.00	4659.00000	0.03920	20.0	20183.0000	0.04170
Benzene	2.00	49830.0000	1.056	5.00	125011.000	1.053	20.0	498424.000	1.030
Bromobenzene	2.00	13829.0000	0.7710	5.00	36883.0000	0.8228	20.0	147474.000	0.7882
Bromochloromethane	2.00	6248.00000	0.1324	5.00	15920.0000	0.1341	20.0	67930.0000	0.1404
Bromodichloromethane	2.00	14931.0000	0.3164	5.00	40192.0000	0.3386	20.0	169804.000	0.3510
Bromomethane	2.00	7690.00000	0.1630	5.00	17873.0000	0.1506	20.0	65590.0000	0.1356
Carbon Disulfide	2.00	34729.0000	0.7360	5.00	94491.0000	0.7960	20.0	386117.000	0.7982
Carbon Tetrachloride	2.00	19244.0000	0.4078	5.00	54420.0000	0.4584	20.0	219777.000	0.4543

KEMRON FORMS - Modified 09/06/2006
Version 1.6 PDF File ID: 586332
Report generated 10/05/2006 13:43

INITIAL CALIBRATION DATA

00092552

Login Number: L0609711 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-08			WG223354-09			WG223354-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	333617.000	0.2692	100	645712.000	0.2544	200	1292398.00	0.2522
1,2-Dichloropropane	50.0	318922.000	0.2573	100	619363.000	0.2440	200	1205986.00	0.2353
Chloroform	50.0	662551.000	0.5345	100	1267616.00	0.4994	200	2466373.00	0.4813
Ethylbenzene	50.0	463933.000	0.5153	100	898334.000	0.4860	200	1745991.00	0.4768
Toluene	50.0	1329312.00	1.476	100	2570018.00	1.390	200	5014665.00	1.370
Vinyl Chloride	50.0	232474.000	0.1876	100	422668.000	0.1665	200	799829.000	0.1561
1,1,2,2-Tetrachloroethane	50.0	193086.000	0.4024	100	385680.000	0.3885	200	725344.000	0.3658
1,1-Dichloroethane	50.0	663062.000	0.5349	100	1267781.00	0.4995	200	2509176.00	0.4896
Bromoform	50.0	169275.000	0.1880	100	340196.000	0.1840	200	634782.000	0.1734
Chlorobenzene	50.0	875252.000	0.9721	100	1700151.00	0.9197	200	3265826.00	0.8919
Chloromethane	50.0	310624.000	0.2506	100	588858.000	0.2320	200	1127924.00	0.2201
1,1,1,2-Tetrachloroethane	50.0	349608.000	0.3883	100	669776.000	0.3623	200	1222826.00	0.3340
1,1,1-Trichloroethane	50.0	623798.000	0.5033	100	1183075.00	0.4661	200	2266872.00	0.4423
1,1,2-Trichloroethane	50.0	208931.000	0.2321	100	409383.000	0.2215	200	762534.000	0.2083
1,1-Dichloropropene	50.0	493468.000	0.3981	100	951810.000	0.3750	200	1863219.00	0.3636
1,2,3-Trichlorobenzene	50.0	310339.000	0.6467	100	609549.000	0.6140	200	1187670.00	0.5989
1,2,3-Trichloropropane	50.0	66551.0000	0.1387	100	131330.000	0.1323	200	244633.000	0.1234
1,2,4-Trichlorobenzene	50.0	397960.000	0.8293	100	798302.000	0.8041	200	1581931.00	0.7977
1,2,4-Trimethylbenzene	50.0	1186482.00	2.473	100	2314905.00	2.332	200	4618598.00	2.329
1,2-Dibromo-3-Chloropropane	50.0	34822.0000	0.07260	100	73870.0000	0.07440	200	145413.000	0.07330
1,2-Dibromoethane	50.0	222618.000	0.2473	100	438406.000	0.2372	200	811641.000	0.2217
1,2-Dichlorobenzene	50.0	613409.000	1.278	100	1212073.00	1.221	200	2342651.00	1.181
1,2-Dichloroethane	50.0	446307.000	0.3601	100	839998.000	0.3309	200	1545378.00	0.3016
1,3,5-Trimethylbenzene	50.0	1150650.00	2.398	100	2224936.00	2.241	200	4443131.00	2.241
1,3-Dichlorobenzene	50.0	707847.000	1.475	100	1388166.00	1.398	200	2754270.00	1.389
1,3-Dichloropropane	50.0	376502.000	0.4182	100	744034.000	0.4025	200	1363613.00	0.3724
1,4-Dichlorobenzene	50.0	716158.000	1.492	100	1403748.00	1.414	200	2740806.00	1.382
2,2-Dichloropropane	50.0	616467.000	0.4973	100	1174465.00	0.4627	200	2309872.00	0.4507
2-Butanone	50.0	64599.0000	0.05210	100	121397.000	0.04780	200	223480.000	0.04360
2-Chloroethyl Vinyl Ether	50.0	104977.000	0.08470	100	221284.000	0.08720	200	434123.000	0.08470
2-Chlorotoluene	50.0	1148942.00	2.394	100	2201573.00	2.218	200	4249340.00	2.143
2-Hexanone	50.0	95823.0000	0.1064	100	190895.000	0.1033	200	323213.000	0.08830
4-Chlorotoluene	50.0	1014855.00	2.115	100	1978622.00	1.993	200	3932859.00	1.983
4-Methyl-2-Pentanone	50.0	57416.0000	0.04630	100	113850.000	0.04490	200	200847.000	0.03920
Acetone	50.0	47294.0000	0.03820	100	85177.0000	0.03360	200	155997.000	0.03040
Benzene	50.0	1275895.00	1.029	100	2441949.00	0.9620	200	4742785.00	0.9255
Bromobenzene	50.0	381056.000	0.7941	100	740551.000	0.7460	200	1446174.00	0.7293
Bromochloromethane	50.0	169165.000	0.1365	100	329646.000	0.1299	200	618453.000	0.1207
Bromodichloromethane	50.0	448636.000	0.3619	100	869682.000	0.3426	200	1653390.00	0.3226
Bromomethane	50.0	160245.000	0.1293	100	312388.000	0.1231	200	625410.000	0.1220
Carbon Disulfide	50.0	997016.000	0.8044	100	1919092.00	0.7560	200	3754362.00	0.7326
Carbon Tetrachloride	50.0	572202.000	0.4616	100	1115315.00	0.4394	200	2114994.00	0.4127

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INITIAL CALIBRATION DATA

00092553

Login Number: L0609711 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-02			WG223354-03			WG223354-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	4650.00000	0.1983
Dibromochloromethane	NA	NA	NA	0.400	1164.00000	0.1847	1.00	3956.00000	0.2394
Dibromomethane	NA	NA	NA	0.400	891.000000	0.1011	1.00	2519.00000	0.1074
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	8108.00000	0.3458
Hexachlorobutadiene	NA	NA	NA	0.400	804.000000	0.2395	1.00	2697.00000	0.3031
Isopropylbenzene	NA	NA	NA	0.400	6898.00000	1.095	1.00	21468.0000	1.299
Methylene Chloride	NA	NA	NA	0.400	3242.00000	0.3679	1.00	7114.00000	0.3034
Naphthalene	NA	NA	NA	0.400	2530.00000	0.7538	1.00	6583.00000	0.7397
Styrene	NA	NA	NA	0.400	3757.00000	0.5962	1.00	11077.0000	0.6704
Tetrachloroethene	NA	NA	NA	0.400	1571.00000	0.2493	1.00	6167.00000	0.3732
Trichloroethene	NA	NA	NA	0.400	2186.00000	0.2481	1.00	6477.00000	0.2762
Trichlorofluoromethane	NA	NA	NA	0.400	2416.00000	0.2742	1.00	13145.0000	0.5606
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2143.00000	0.2432	1.00	6403.00000	0.2731
cis-1,3-Dichloropropene	NA	NA	NA	0.400	2712.00000	0.3078	1.00	7313.00000	0.3119
m-,p-Xylene	NA	NA	NA	0.800	6513.00000	0.5168	2.00	18918.0000	0.5725
n-Butylbenzene	NA	NA	NA	NA	NA	NA	1.00	15343.0000	1.724
n-Propylbenzene	NA	NA	NA	0.400	7571.00000	2.256	1.00	25109.0000	2.821
o-Xylene	NA	NA	NA	0.400	2772.00000	0.4399	1.00	8265.00000	0.5002
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	1.00	18024.0000	2.025
sec-Butylbenzene	NA	NA	NA	0.400	6749.00000	2.011	1.00	21283.0000	2.392
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	1.00	3977.00000	0.4469
trans-1,2-Dichloroethene	NA	NA	NA	0.400	1997.00000	0.2266	1.00	6200.00000	0.2644
trans-1,3-Dichloropropene	NA	NA	NA	0.400	2137.00000	0.3391	1.00	6662.00000	0.4032

INITIAL CALIBRATION DATA

00092554

Login Number: L0609711 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-05			WG223354-06			WG223354-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	2.00	9049.00000	0.1918	5.00	24023.0000	0.2024	20.0	97383.0000	0.2013
Dibromochloromethane	2.00	8777.00000	0.2606	5.00	24745.0000	0.2921	20.0	108787.000	0.3122
Dibromomethane	2.00	6104.00000	0.1294	5.00	16306.0000	0.1374	20.0	65021.0000	0.1344
Dichlorodifluoromethane	2.00	17858.0000	0.3785	5.00	46151.0000	0.3888	20.0	183022.000	0.3784
Hexachlorobutadiene	2.00	6150.00000	0.3429	5.00	16979.0000	0.3788	20.0	69948.0000	0.3738
Isopropylbenzene	2.00	43821.0000	1.301	5.00	123543.000	1.459	20.0	522699.000	1.500
Methylene Chloride	2.00	14822.0000	0.3141	5.00	33756.0000	0.2844	20.0	128986.000	0.2666
Naphthalene	2.00	13610.0000	0.7588	5.00	42317.0000	0.9440	20.0	181471.000	0.9699
Styrene	2.00	25678.0000	0.7623	5.00	75487.0000	0.8912	20.0	340480.000	0.9770
Tetrachloroethene	2.00	10859.0000	0.3224	5.00	29799.0000	0.3518	20.0	120571.000	0.3460
Trichloroethene	2.00	13537.0000	0.2869	5.00	37371.0000	0.3148	20.0	147555.000	0.3050
Trichlorofluoromethane	2.00	27257.0000	0.5777	5.00	69867.0000	0.5886	20.0	284060.000	0.5872
Vinyl Acetate	NA	NA	NA	5.00	46141.0000	0.3887	20.0	203716.000	0.4211
cis-1,2-Dichloroethene	2.00	13709.0000	0.2905	5.00	35770.0000	0.3013	20.0	146057.000	0.3019
cis-1,3-Dichloropropene	2.00	16477.0000	0.3492	5.00	44962.0000	0.3788	20.0	194910.000	0.4029
m-,p-Xylene	4.00	38830.0000	0.5764	10.0	104986.000	0.6197	40.0	437723.000	0.6280
n-Butylbenzene	2.00	31493.0000	1.756	5.00	90484.0000	2.019	20.0	389535.000	2.082
n-Propylbenzene	2.00	53155.0000	2.963	5.00	147847.000	3.298	20.0	620434.000	3.316
o-Xylene	2.00	17728.0000	0.5263	5.00	48979.0000	0.5783	20.0	206123.000	0.5914
p-Isopropyltoluene	2.00	38659.0000	2.155	5.00	109870.000	2.451	20.0	470657.000	2.516
sec-Butylbenzene	2.00	46439.0000	2.589	5.00	127328.000	2.840	20.0	539770.000	2.885
tert-Butylbenzene	2.00	9003.00000	0.5019	5.00	24456.0000	0.5456	20.0	101251.000	0.5411
trans-1,2-Dichloroethene	2.00	13474.0000	0.2856	5.00	34435.0000	0.2901	20.0	140743.000	0.2910
trans-1,3-Dichloropropene	2.00	14043.0000	0.4169	5.00	40664.0000	0.4801	20.0	170505.000	0.4892

INITIAL CALIBRATION DATA

00092555

Login Number: L0609711 **Instrument ID:** HPMS10

Analytical Method: 8260B **Initial Calibration Date:** 26-SEP-06 17:01

Column ID: F

Analyte	WG223354-08			WG223354-09			WG223354-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	50.0	246073.000	0.1985	100	464018.000	0.1828	200	925186.000	0.1805
Dibromochloromethane	50.0	291930.000	0.3242	100	580866.000	0.3142	200	1089227.00	0.2975
Dibromomethane	50.0	171608.000	0.1384	100	330685.000	0.1303	200	621858.000	0.1213
Dichlorodifluoromethane	50.0	467071.000	0.3768	100	869932.000	0.3427	200	1689257.00	0.3296
Hexachlorobutadiene	50.0	183776.000	0.3830	100	361938.000	0.3646	200	771905.000	0.3893
Isopropylbenzene	50.0	1374843.00	1.527	100	2680230.00	1.450	200	5269989.00	1.439
Methylene Chloride	50.0	330151.000	0.2664	100	637984.000	0.2513	200	1229800.00	0.2400
Naphthalene	50.0	486958.000	1.015	100	1003595.00	1.011	200	1955196.00	0.9860
Styrene	50.0	910821.000	1.012	100	1801530.00	0.9745	200	3527245.00	0.9633
Tetrachloroethene	50.0	313677.000	0.3484	100	607679.000	0.3287	200	1191389.00	0.3254
Trichloroethene	50.0	385050.000	0.3106	100	739218.000	0.2912	200	1442562.00	0.2815
Trichlorofluoromethane	50.0	719636.000	0.5806	100	1349488.00	0.5316	NA	NA	NA
Vinyl Acetate	50.0	513246.000	0.4141	100	1019109.00	0.4015	200	1951621.00	0.3808
cis-1,2-Dichloroethene	50.0	382540.000	0.3086	100	738308.000	0.2909	200	1453818.00	0.2837
cis-1,3-Dichloropropene	50.0	512100.000	0.4131	100	1005266.00	0.3960	200	1893336.00	0.3694
m-,p-Xylene	100	1125696.00	0.6251	200	2175550.00	0.5884	400	4176586.00	0.5703
n-Butylbenzene	50.0	1033915.00	2.155	100	2044609.00	2.060	200	4157518.00	2.097
n-Propylbenzene	50.0	1617875.00	3.372	100	3130356.00	3.153	200	6196654.00	3.125
o-Xylene	50.0	538405.000	0.5980	100	1057943.00	0.5723	200	2087851.00	0.5702
p-Isopropyltoluene	50.0	1240134.00	2.584	100	2431432.00	2.449	200	4908480.00	2.475
sec-Butylbenzene	50.0	1411608.00	2.942	100	2757966.00	2.778	200	5602743.00	2.825
tert-Butylbenzene	50.0	261099.000	0.5441	100	507358.000	0.5111	200	1034049.00	0.5214
trans-1,2-Dichloroethene	50.0	364573.000	0.2941	100	705532.000	0.2780	200	1408162.00	0.2748
trans-1,3-Dichloropropene	50.0	441941.000	0.4909	100	863332.000	0.4670	200	1578447.00	0.4311

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092556

Login Number: L0609711 Run Date: 09/26/2006 Sample ID: WG223354-11

Instrument ID: HPMS10 Run Time: 18:35 Method: 8260B

File ID: 10M49317 Analyst: MES

ICal Workgroup: WG223354 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	20	21.4	0.543	6.8	ug/L	
1,1-Dichloroethene	CCC	20	22.1	0.280	10.4	ug/L	
1,2-Dichloropropane	CCC	20	22.3	0.267	11.5	ug/L	
Ethylbenzene	CCC	20	22.1	0.536	10.4	ug/L	
Toluene	CCC	20	21.5	1.50	7.4	ug/L	
Vinyl Chloride	CCC	20	19.6	0.188	1.8	ug/L	
Bromoform	SPCC	20	22.0	0.182	10	ug/L	
Chlorobenzene	SPCC	20	21.2	1.01	6	ug/L	
Chloromethane	SPCC	20	21.8	0.283	8.9	ug/L	
1,1-Dichloroethane	SPCC	20	21.8	0.549	8.9	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	20	22.5	0.417	12.5	ug/L	
Acetone		20	19.4	0.0355	3.1	ug/L	
Benzene		20	21.1	1.07	5.6	ug/L	
Bromobenzene		20	22.1	0.825	10.3	ug/L	
Bromochloromethane		20	22.8	0.144	14.2	ug/L	
Bromodichloromethane		20	22.3	0.366	11.6	ug/L	
Bromomethane		20	19.7	0.140	1.6	ug/L	
2-Butanone		20	21.8	0.0544	8.8	ug/L	
n-Butylbenzene		20	21.1	2.09	5.4	ug/L	
sec-Butylbenzene		20	22.2	2.95	10.9	ug/L	
tert-Butylbenzene		20	20.9	0.540	4.6	ug/L	
Carbon Disulfide		20	19.9	0.760	.4	ug/L	
Carbon Tetrachloride		20	22.3	0.466	11.7	ug/L	
Dibromochloromethane		20	20.1	0.325	.7	ug/L	
Chloroethane		20	20.4	0.198	2	ug/L	
2-Chloroethyl Vinyl Ether		20	21.2	0.0888	6.1	ug/L	
2-Chlorotoluene		20	21.6	2.41	8	ug/L	
4-Chlorotoluene		20	21.1	2.14	5.4	ug/L	
1,2-Dibromo-3-Chloropropane		20	18.9	0.0668	5.3	ug/L	
1,2-Dibromoethane		20	22.8	0.253	14	ug/L	
Dibromomethane		20	22.7	0.142	13.6	ug/L	
1,2-Dichlorobenzene		20	21.2	1.33	6.1	ug/L	
1,3-Dichlorobenzene		20	21.0	1.50	4.9	ug/L	
1,4-Dichlorobenzene		20	20.6	1.54	2.9	ug/L	
Dichlorodifluoromethane		20	19.3	0.350	3.5	ug/L	
1,2-Dichloroethane		20	21.7	0.373	8.3	ug/L	
cis-1,2-Dichloroethene		20	22.1	0.317	10.6	ug/L	
trans-1,2-Dichloroethene		20	21.8	0.301	9.2	ug/L	
1,3-Dichloropropane		20	22.6	0.453	12.9	ug/L	
2,2-Dichloropropane		20	21.2	0.485	6	ug/L	
cis-1,3-Dichloropropene		20	22.9	0.419	14.4	ug/L	
trans-1,3-Dichloropropene		20	21.1	0.464	5.5	ug/L	

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092557

Login Number: L0609711 Run Date: 09/26/2006 Sample ID: WG223354-11

Instrument ID: HPMS10 Run Time: 18:35 Method: 8260B

File ID: 10M49317 Analyst: MES

ICal Workgroup: WG223354 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		20	21.9	0.414	9.6	ug/L	
2-Hexanone		20	18.9	0.0934	5.5	ug/L	
Hexachlorobutadiene		20	22.5	0.390	12.5	ug/L	
Isopropylbenzene		20	20.4	1.41	1.9	ug/L	
p-Isopropyltoluene		20	20.7	2.47	3.6	ug/L	
4-Methyl-2-Pentanone		20	21.3	0.0462	6.5	ug/L	
Methylene Chloride		20	19.9	0.286	.3	ug/L	
Naphthalene		20	21.4	0.962	7.2	ug/L	
n-Propylbenzene		20	22.1	3.36	10.5	ug/L	
Styrene		20	20.5	1.01	2.5	ug/L	
1,1,1,2-Tetrachloroethane		20	22.8	0.404	13.8	ug/L	
Tetrachloroethene		20	21.7	0.358	8.3	ug/L	
1,2,3-Trichlorobenzene		20	21.5	0.639	7.7	ug/L	
1,2,4-Trichlorobenzene		20	21.3	0.811	6.7	ug/L	
1,1,1-Trichloroethane		20	22.1	0.514	10.5	ug/L	
1,1,2-Trichloroethane		20	22.6	0.250	13	ug/L	
Trichloroethene		20	22.3	0.322	11.3	ug/L	
Trichlorofluoromethane		20	18.2	0.548	9	ug/L	
1,2,3-Trichloropropane		20	21.9	0.149	9.6	ug/L	
1,2,4-Trimethylbenzene		20	21.8	2.46	8.8	ug/L	
1,3,5-Trimethylbenzene		20	22.6	2.43	13.1	ug/L	
Vinyl Acetate		20	6.62	0.133	66.9	ug/L	*
o-Xylene		20	22.5	0.616	12.7	ug/L	
m-,p-Xylene		40	44.0	0.645	9.9	ug/L	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 07/26/2006
Version 1.5 PDF File ID: 586333
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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092558

Login Number: L0609711 Run Date: 09/29/2006 Sample ID: WG223777-02
Instrument ID: HPMS10 Run Time: 17:59 Method: 8260B
File ID: 10M49430 Analyst: MES
Workgroup (AAB#): WG223778 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	50.0	0.508	0	ug/L	
1,1-Dichloroethene	CCC	50.0	49.1	0.249	1.70	ug/L	
1,2-Dichloropropane	CCC	50.0	50.2	0.240	0.500	ug/L	
Ethylbenzene	CCC	50.0	50.7	0.492	1.30	ug/L	
Toluene	CCC	50.0	50.7	1.42	1.40	ug/L	
Vinyl Chloride	CCC	50.0	45.7	0.175	8.50	ug/L	
Bromoform	SPCC	50.0	52.6	0.174	5.10	ug/L	
Chlorobenzene	SPCC	50.0	49.2	0.935	1.50	ug/L	
Chloromethane	SPCC	50.0	47.3	0.246	5.40	ug/L	
1,1-Dichloroethane	SPCC	50.0	49.4	0.499	1.20	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	52.9	0.392	5.70	ug/L	
Acetone		50.0	58.4	0.0428	16.8	ug/L	
Benzene		50.0	47.5	0.961	5.00	ug/L	
Bromobenzene		50.0	51.6	0.773	3.20	ug/L	
Bromochloromethane		50.0	51.2	0.129	2.40	ug/L	
Bromodichloromethane		50.0	51.8	0.340	3.60	ug/L	
Bromomethane		50.0	43.1	0.123	13.9	ug/L	
2-Butanone		50.0	51.2	0.0512	2.50	ug/L	
n-Butylbenzene		50.0	55.1	2.19	10.2	ug/L	
sec-Butylbenzene		50.0	53.5	2.84	7.00	ug/L	
tert-Butylbenzene		50.0	51.6	0.532	3.20	ug/L	
Carbon Disulfide		50.0	49.6	0.756	0.900	ug/L	
Carbon Tetrachloride		50.0	52.6	0.439	5.30	ug/L	
Dibromochloromethane		50.0	47.2	0.304	5.50	ug/L	
Chloroethane		50.0	47.9	0.186	4.20	ug/L	
2-Chloroethyl Vinyl Ether		50.0	46.1	0.0772	7.90	ug/L	
2-Chlorotoluene		50.0	52.9	2.37	5.80	ug/L	
4-Chlorotoluene		50.0	51.8	2.11	3.60	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	49.8	0.0723	0.400	ug/L	
1,2-Dibromoethane		50.0	52.1	0.231	4.20	ug/L	
Dibromomethane		50.0	51.2	0.128	2.40	ug/L	
1,2-Dichlorobenzene		50.0	49.7	1.25	0.500	ug/L	
1,3-Dichlorobenzene		50.0	50.0	1.43	0.100	ug/L	
1,4-Dichlorobenzene		50.0	48.5	1.45	3.00	ug/L	
Dichlorodifluoromethane		50.0	48.8	0.355	2.30	ug/L	
1,2-Dichloroethane		50.0	50.1	0.345	0.100	ug/L	
cis-1,2-Dichloroethene		50.0	49.9	0.286	0.200	ug/L	
trans-1,2-Dichloroethene		50.0	49.9	0.275	0.300	ug/L	
1,3-Dichloropropane		50.0	50.3	0.403	0.500	ug/L	
2,2-Dichloropropane		50.0	50.3	0.460	0.500	ug/L	
cis-1,3-Dichloropropene		50.0	52.3	0.383	4.50	ug/L	
trans-1,3-Dichloropropene		50.0	54.1	0.476	8.20	ug/L	

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 586336
Report generated 10/05/2006 13:43

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092559

Login Number: L0609711 Run Date: 09/29/2006 Sample ID: WG223777-02
Instrument ID: HPMS10 Run Time: 17:59 Method: 8260B
File ID: 10M49430 Analyst: MES
Workgroup (AAB#): WG223778 Cal ID: HPMS10 - 26-SEP-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	49.1	0.371	1.80	ug/L	
2-Hexanone		50.0	54.9	0.109	9.80	ug/L	
Hexachlorobutadiene		50.0	50.2	0.348	0.400	ug/L	
Isopropylbenzene		50.0	52.6	1.46	5.30	ug/L	
p-Isopropyltoluene		50.0	52.8	2.51	5.60	ug/L	
4-Methyl-2-Pentanone		50.0	49.5	0.0429	1.10	ug/L	
Methylene Chloride		50.0	44.3	0.254	11.5	ug/L	
Naphthalene		50.0	61.7	1.11	23.3	ug/L	
n-Propylbenzene		50.0	54.4	3.31	8.80	ug/L	
Styrene		50.0	48.7	0.963	2.60	ug/L	
1,1,1,2-Tetrachloroethane		50.0	52.5	0.373	5.00	ug/L	
Tetrachloroethene		50.0	49.6	0.328	0.800	ug/L	
1,2,3-Trichlorobenzene		50.0	50.9	0.605	1.90	ug/L	
1,2,4-Trichlorobenzene		50.0	54.0	0.821	8.00	ug/L	
1,1,1-Trichloroethane		50.0	51.3	0.478	2.70	ug/L	
1,1,2-Trichloroethane		50.0	50.4	0.223	0.800	ug/L	
Trichloroethene		50.0	49.3	0.285	1.40	ug/L	
Trichlorofluoromethane		50.0	48.8	0.564	2.40	ug/L	
1,2,3-Trichloropropane		50.0	50.3	0.136	0.500	ug/L	
1,2,4-Trimethylbenzene		50.0	54.1	2.45	8.30	ug/L	
1,3,5-Trimethylbenzene		50.0	54.8	2.36	9.70	ug/L	
Vinyl Acetate		50.0	40.3	0.323	19.5	ug/L	
o-Xylene		50.0	52.2	0.571	4.40	ug/L	
m-,p-Xylene		100	102	0.598	1.80	ug/L	
Xylenes		150	154	0.584	2.60	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 586336
Report generated 10/05/2006 13:43

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092560

Login Number:L0609711
Instrument ID:HPMS10
Workgroup (AAB#):WG223778

CCV Number:WG223777-02
CAL ID: HPMS10-26-SEP-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223777-02	NA	NA	261548	500850	706708
Upper Limit	NA	NA	523096	1001700	1413416
Lower Limit	NA	NA	130774	250425	353354
L0609711-01	1.00	01	225526	433051	635001
L0609711-02	1.00	01	217070	425555	626387
WG223778-01	1.00	01	245209	469997	685278
WG223778-02	1.00	01	259457	482963	690046

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 586337
Report generated 10/05/2006 13:43

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092561

Login Number:L0609711
Instrument ID:HPMS10
Workgroup (AAB#):WG223778

CCV Number:WG223777-02
CAL ID: HPMS10-26-SEP-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG223777-02	NA	NA	15.52	12.54	8.7
Upper Limit	NA	NA	16.02	13.04	9.2
Lower Limit	NA	NA	15.02	12.04	8.2
L0609711-01	1.00	01	15.52	12.55	8.71
L0609711-02	1.00	01	15.52	12.54	8.71
WG223778-01	1.00	01	15.52	12.55	8.71
WG223778-02	1.00	01	15.51	12.55	8.71

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 586339
Report generated 10/05/2006 13:43

Inorganic QA/QC

KEMRON Environmental Services
Data Checklist

00092563

Date: 08-OCT-2006
Analyst: JWR
Analyst: NA
Method: CLO4
Instrument: IC1
Curve Workgroup: NA
Runlog ID: 12688
Analytical Workgroups: WG224526

System Performance Check	
Eluent check	X
Initial Calibration	
Average RF	
Linear Reg or Higher Order Curve	10/08/06
Alt Source Check	10/08/06
Continuing Calibration	
Continuing Calibration	X
Client Specific Requirements	X
Blanks	
Quant Report / Chromatogram	X
Spike Compounds	X
MS/MSD	X
Excel Spreadsheet	X
Samples	
TCL Hits	X
Manual Integrations	X
Data Package	
Level 2	
Level 3	L0609526, 590, 711
Level 4	
Primary Reviewer	JWR
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the resonableness of the results	X
Comments: L0609526	LAB DUE 10/02/06
L0609590	LAB DUE 10/06/06
L0609711	LAB DUE 10/09/06
Samples analyzed in this batch were diluted in order to reduce their matrix	
conductivities below that of the working MCT. Reporting Limits for the diluted	
samples were raised proportionately to the dilutions required.	

Primary Reviewer:
09-OCT-2006
John Richards

Secondary Reviewer:
09-OCT-2006
Michael Cohen

Generated: OCT-09-2006 15:59:43

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092564

Analytical Method: 314.0 AAB#: WG224526

Login Number: L0609711

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WW38	09/27/06	09/28/06	10/09/06	28	11.6	10/09/06	28	11.6	
29WW38-QC	09/27/06	09/28/06	10/09/06	28	11.6	10/09/06	28	11.6	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 589737
Report generated 10/09/2006 11:19

METHOD BLANK SUMMARY

00092565

Login Number: L0609711
Work Group: WG224526
Blank File ID: I1100806.14
Blank Sample ID: WG224526-01
Date Analyzed: 10/08/06
Instrument ID: IC1
Time Analyzed: 21:13
Method: 314.0
Analyst: JWR

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG224526-02	I1100806.15	10/08/06 21:34	01
29WW38	L0609711-01	I1100806.25	10/09/06 00:58	01
29WW38-QC	L0609711-02	I1100806.26	10/09/06 01:18	01
DUP	WG224526-04	I1100806.27	10/09/06 01:39	01

KEMRON Environmental Services

METHOD BLANK REPORT

00092566

Login Number: L0609711 Run Date: 10/08/2006 Sample ID: WG224526-01
Instrument ID: IC1 Run Time: 21:13 Prep Method: 314.0
File ID: I1100806.14 Analyst: JWR Method: 314.0
Workgroup (AAB#): WG224526 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: IC1 -

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Perchlorate	0.500	1.00	0.500	1	U

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 589739
Report generated 10/09/2006 11:19

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092567

Login Number: L0609711 Run Date: 10/08/2006 Sample ID: WG224526-02
Instrument ID: IC1 Run Time: 21:34 Prep Method: 314.0
File ID: I1100806.15 Analyst: JWR Method: 314.0
Workgroup (AAB#): WG224526 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: IC1 -

Analytes	Expected	Found	% Rec	LCS Limits	Q
Perchlorate	25.0	22.5	90.2	85 - 115	

KEMRON FORMS - Modified 07/06/2006
Version 1.5 PDF File ID: 589740
Report generated 10/09/2006 11:20

KEMRON Environmental Services

DUPLICATE (DUP)

00092568

Sample Ref: L0609711-02 Cal ID: IC1 - Worknum: WG224526
Instrument ID: IC1 Method: 314
Sample ID: WG224526-03 File ID: I1100806.26 Dil: 1 Matrix: WATER
Duplicate ID: WG224526-04 File ID: I1100806.27 Dil: 1 Units: ug/L

Analyte	Sample	Duplicate	RPD	RPD Limit	Q
Perchlorate	ND	ND	0	25	

FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 589742
Report generated 10/09/2006 11:20

KEMRON Environmental Services

MATRIX SPIKE AND MATRIX SPIKE DUP (MS/MSD)

00092569

Loginnum:L0609711 Cal ID:IC1- Worknum:WG224526
Instrument ID:IC1 Contract #:DACA56-94-D-0020 Method:314.0
Parent ID:WG224526-03 File ID:I1100806.26 Dil:1 Matrix:WATER
Sample ID:WG224526-05 MS File ID:I1100806.28 Dil:1 Units:ug/L
Sample ID:WG224526-06 MSD File ID:I1100806.29 Dil:1

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Perchlorate	ND	25.0	24.0	96.0	25.0	24.0	96.0	0.00417	80 - 120	25	

* FAILS %REC LIMIT

FAILS RPD LIMIT

NOTE: This is an internal quality control sample.

KEMRON FORMS - Modified 03/16/2006
Version 1.5 PDF File ID: 589741
Report generated 10/09/2006 11:20

Shaw® Shaw Environmental, Inc.
3010 Briarpark Drive, Suite 4N
Houston, TX 77042 (713) 996-4400

CHAIN-OF-CUSTODY

Site 29

No. 10477

Laboratory Name: Kemron Address: Marietta, OH Contact: S. Mossberg

Project Name: LHAAP Project Location: Karnack, Tx

Project No.: 117591 Project Contact: L. Duty Project Telephone No.: 832-364-0173

Point of contact: Project Manager/Supervisor:

Telephone No.:

Item No.	Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	VOC	Perchlorate						Remarks
1	29WW38	9/27	1055		X	GW		4	✓	✓						
2	29WW38-QC	9/27	1055		X	W		4	✓	✓	09-28-06					
3																
4																
5																
6																
7																
8																
9																
10																

Transfers Relinquished By (Signature)	Date/Time	Transfers Accepted By (Signature)	Date/Time
Sherry McAdoo	9-27-06/1700	UPS	
		Laboratory Glenda Gregory	9/28/06 0945

Special Instructions: C/C sealed S/P intact Cooler temp 4 deg

UPS 1Z4016632210055796

FedEx Airbill No.:

Sampler's Signature: Sherry McAdoo

TAT: ____ Standard ____ Rush Due: ___ Seals Intact? ____ Y ____ N Received Good Condition ____ Y ____ N ____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

00092571

SAMPLE RECEIPT FORM

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

Date: 9-28-06 Client: Shaw

Shipped By: ( ) Fed-Ex (✓) UPS ( )DHL ( ) KEMRON ( ) Client ( ) Other 9:45

Opened By: JAS

Logged By: BG Login # L06 09711

IR Temp Gun: ( ) D (✓) G

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	COC#	Other
1	577	6	1240166322100557961		
2					
3					
4					
5					
6					

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	(Y)	N	N/A
Were custody seals intact?	(Y)	N	N/A
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	(Y)	N	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	(Y)	N	N/A
Was the label information complete?*	(Y)	N	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	Y	N	(N/A)
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	(N)	N/A
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	Y	N	(N/A)

**Requires a discrepancy form*

CRF #1
Revised 8/22/03

Comments:_____

KEMRON Environmental Services
Internal Chain of Custody Report

00092572

Login: L0609711
Account: 2773
Project: 2773.025
Samples: 2
Due Date: 09-OCT-2006

Samplenum	Container ID	Products
L0609711-01	280055	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			28-SEP-2006 13:22	BRG	
2	ANALYZ	V1	ORG4	29-SEP-2006 15:16	SMH	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			28-SEP-2006 13:22	BRG	
2	ANALYZ	V1	ORG4	29-SEP-2006 15:16	SMH	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			28-SEP-2006 13:22	BRG	
2	ANALYZ	V1	ORG4	29-SEP-2006 15:16	SMH	BRG

Samplenum	Container ID	Products
L0609711-01	280056	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			28-SEP-2006 13:22	BRG	
2	ANALYZ	W1	WET	08-OCT-2006 14:17	JWR	BRG

Samplenum	Container ID	Products
L0609711-02	280057	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			28-SEP-2006 13:22	BRG	
2	ANALYZ	V1	ORG4	29-SEP-2006 15:16	SMH	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			28-SEP-2006 13:22	BRG	
2	ANALYZ	V1	ORG4	29-SEP-2006 15:16	SMH	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			28-SEP-2006 13:22	BRG	
2	ANALYZ	V1	ORG4	29-SEP-2006 15:17	SMH	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092573

Login: L0609711
Account: 2773
Project: 2773.025
Samples: 2
Due Date: 09-OCT-2006

Samplenum	Container ID	Products
L0609711-02	280058	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			28-SEP-2006 13:22	BRG	
2	ANALYZ	W1	WET	08-OCT-2006 14:17	JWR	BRG

156 Starlite Drive, Marietta, OH 45750 • TEL 740-373-4071 • FAX 740-373-4835 • http://www.kemron.com

Laboratory Report Number: L0609744

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact your team member noted in the reviewed box bleow at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

Debra Elliott - Team Leader
delliott@kemron-lab.com

Amanda Fickiesen - Client Services Specialist
afickiesen@kemron-lab.com

Cheryl Koelsch - Team Chemist/Data Specialist
ckoelsch@kemron-lab.com

Annie Bock - Client Services Specialist
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Stephanie Mossburg - Team Chemist/Data Specialist
smossburg@kemron-lab.com

Kathy Albertson - Team Chemist/Data Specialist
kalbertson@kemron-lab.com

This report was reviewed on October 30, 2006.

Stephanie Mossburg

STEPHANIE MOSSBURG - Team Chemist/Data Specialist

I certify that all test results meet all of the requirements of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on October 30, 2006.

David E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 59 pages.

Protecting Our Environmental Future

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0609744

CHAIN OF CUSTODY: The chain of custody number was 10482.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was degrees 1 C.

SAMPLE MANAGEMENT: All samples received were intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Approved: 29-SEP-06
Stephanie Mossburg

Laboratory Data Package Cover Page

00092576

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

DEANNA I. HESSON	Deanna Hesson	Conventional Lab Supervisor	October 6, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609744
Project Name:	798-LONGHORN
Method:	PCTSOLIDS
Prep Batch Number(s):	WG224136
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 06, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?			✓		
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?			✓		
Were sample quantitation limits reported for all analytes not detected?			✓		
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?			✓		
Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?			✓		
Were blanks analyzed at the appropriate frequency?			✓		
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?			✓		
Were blank concentrations <MQL?			✓		
Laboratory control samples (LCS):					
Were all COCs included in the LCS?			✓		
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?			✓		
Were LCSs analyzed at the required frequency?			✓		
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?			✓		
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?			✓		
Was the LCSD RPD within QC limits?			✓		
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?	✓				
Were analytical duplicates analyzed at the appropriate frequency?	✓				
Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?			✓		
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			✓		
Are unadjusted MQLs included in the laboratory data package?			✓		
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?			✓		
Were response factors and/or relative response factors for each analyte within QC limits?			✓		
Were percent RSDs or correlation coefficient criteria met?			✓		
Was the number of standards recommended in the method used for all analytes?			✓		
Were all points generated between the lowest and highest standard used to calculate the curve?			✓		
Are ICAL data available for all instruments used?			✓		
Has the initial calibration curve been verified using an appropriate second source standard?			✓		
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?			✓		
Were percent differences for each analyte within the method-required QC limits?			✓		
Was the ICAL curve verified for each analyte?			✓		
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?			✓		
Is the MDL either adjusted or supported by the analysis of DCSs?			✓		
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?			✓		
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?			✓		
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609744
Project Name:	798-LONGHORN
Method:	PCTSOLIDS
Prep Batch Number(s):	WG224136
Reviewer Name:	DEANNA I. HESSON
LRC Date:	October 06, 2006

EXCEPTIONS REPORT
ER# - Description
Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

Laboratory Data Package Cover Page

00092581

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10

b) dilution factors,

c) preparation methods,

d) Cleanup methods, and

e) If required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and

b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms FOR laboratory control samples (LCSs) including:

a) LCS spiking amount,

b) Calculated %R for each analyte, and

c) The laboratory"s LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,

b) MS/MSD spiking amounts,

c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d) Calculated %R and relative percent differences (RPDs), and

e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,

b) the calculated RPD, and

c) the laboratory's QC limits for anlytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, If applicable: [] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is trus.

MICHAEL D. COCHRAN		Semivolatiles Lab Supervisor	October 30, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609744
Project Name:	798-LONGHORN
Method:	8330
Prep Batch Number(s):	WG224200
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 30, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?	✓				
Were surrogate percent recoveries in all samples within the laboratory QC limits?		✓			1
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		✓			2
Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?	✓				
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?			✓		
Were MS/MSD analyzed at the appropriate frequency?			✓		
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?			✓		

00092583

Checklist ID: **11704**

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609744
Project Name:	798-LONGHORN
Method:	8330
Prep Batch Number(s):	WG224200
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 30, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
Were all necessary corrective actions performed for the reported data?			✓		
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?		✓			3
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?			✓		
Were ion abundance data within the method-required QC limits?			✓		
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?			✓		
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?			✓		

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609744
Project Name:	798-LONGHORN
Method:	8330
Prep Batch Number(s):	WG224200
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 30, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0609744
Project Name:	798-LONGHORN
Method:	8330
Prep Batch Number(s):	WG224200
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	October 30, 2006

EXCEPTIONS REPORT
ER# - Description
1. Samples 01 and 02 yielded high surrogate recoveries and sample 04 yielded no surrogate recovery. There was insufficient hold time remaining after analysis for re-extraction.
2. The LCS yielded high recoveries for 2 compounds. The LCS DUP yielded high recoveries for 3 comounds and a low recovery for one compound.
3. The CCV analyzed on 10/14/06 at 23:15 yielded a %D for 4-nitrotoluene that was beyond the acceptance limit. All CCVs analyzed on 10/24/06, 10/25/06 and 10/27/06 yielded %D for tetryl that were beyond the acceptance limits; these runs were dilutions for other compounds.

Footnotes:
(1) NA = Not applicable to method or project
(2) NR = Not reviewed
(3) ER# = Exception report number

LABORATORY REPORT

L0609744

00092587

10/30/06 14:47

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: Shaw E & I, Inc.
ABB Lummus Biulding
3010 Briarpark
Houston, TX 77042
Attention: Diane Mever

Account Number: 2773
Work ID: LHAAP

P.O. Number: 200328

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
29WL14	L0609744-01	27-SEP-06	29-SEP-06
29WL13	L0609744-02	28-SEP-06	29-SEP-06
29WL12 RS	L0609744-03	28-SEP-06	29-SEP-06
32WL05	L0609744-04	28-SEP-06	29-SEP-06

Report Number: **L0609744**
Report Date : **October 30, 2006**

00092588

Sample Number: **L0609744-01**
Client ID: **29WL14**
Matrix: **Soil**
Workgroup Number: **WG224384**
Collect Date: **09/27/2006 16:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **10/05/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **10/14/2006 16:36**
File ID: **4L009422.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trinitrobenzene	99-35-4	1.61		0.246	0.0985
1,3-Dinitrobenzene	99-65-0		U	0.246	0.0985
2,4,6-Trinitrotoluene	118-96-7	72.3	I	0.246	0.0985
2,4-Dinitrotoluene	121-14-2	17.9	I	0.246	0.0985
2,6-Dinitrotoluene	606-20-2		U	0.256	0.0985
2-Amino-4,6-dinitrotoluene	35572-78-2	21.3	I	0.256	0.0985
2-Nitrotoluene	88-72-2		U	0.246	0.0985
3-Nitrotoluene	99-08-1		U	0.246	0.0985
4-Nitrotoluene	99-99-0		U	0.246	0.0985
4-Amino-2,6-dinitrotoluene	19406-51-0	13.2	I	0.256	0.0985
HMX	2691-41-0		U	2.17	0.0985
Nitrobenzene	98-95-3		U	0.256	0.128
RDX	121-82-4		U	0.985	0.0985
Tetryl	479-45-8		U	0.640	0.197

Surrogate	% Recovery	Lower	Upper	Qual
3,4-Dinitrotoluene	164	50	150	*

***** Surrogate or spike compound out of range
I Semiquantitative result (out of instrument calibration range)
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609744-01**
Client ID: **29WL14**
Matrix: **Soil**
Workgroup Number: **WG224384**
Collect Date: **09/27/2006 16:45**
Sample Tag: **DL1**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **10**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **10/05/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **10/27/2006 11:47**
File ID: **4L009493.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trinitrobenzene	99-35-4		U	2.46	0.985
1,3-Dinitrobenzene	99-65-0		U	2.46	0.985
2,4,6-Trinitrotoluene	118-96-7	58.4		2.46	0.985
2,4-Dinitrotoluene	121-14-2	7.21		2.46	0.985
2,6-Dinitrotoluene	606-20-2		U	2.56	0.985
2-Amino-4,6-dinitrotoluene	35572-78-2	19.0		2.56	0.985
2-Nitrotoluene	88-72-2		U	2.46	0.985
3-Nitrotoluene	99-08-1		U	2.46	0.985
4-Nitrotoluene	99-99-0		U	2.46	0.985
4-Amino-2,6-dinitrotoluene	19406-51-0	13.3		2.56	0.985
HMX	2691-41-0		U	21.7	0.985
Nitrobenzene	98-95-3		U	2.56	1.28
RDX	121-82-4		U	9.85	0.985
Tetryl	479-45-8		U	6.40	1.97

Surrogate	% Recovery	Lower	Upper	Qual
3,4-Dinitrotoluene		50	150	DL

DL Surrogate or spike compound was diluted out
U Not detected at or above adjusted sample detection limit

Report Number: **L0609744**
Report Date : **October 30, 2006**

00092589

Sample Number: **L0609744-01**
Client ID: **29WL14**
Matrix: **Soil**
Workgroup Number: **WG224136**
Collect Date: **09/27/2006 16:45**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **DIH**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **10/04/2006 08:20**
Cal Date:
Run Date: **10/04/2006 08:20**
File ID: **OV.0610040820-08**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	38.6		1.00	1.00

Sample Number: **L0609744-02**
Client ID: **29WL13**
Matrix: **Soil**
Workgroup Number: **WG224384**
Collect Date: **09/28/2006 08:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **10/05/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **10/14/2006 17:13**
File ID: **4L009423.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trinitrobenzene	99-35-4	4.68		0.242	0.0966
1,3-Dinitrobenzene	99-65-0	1.08		0.242	0.0966
2,4,6-Trinitrotoluene	118-96-7	54.6	I	0.242	0.0966
2,4-Dinitrotoluene	121-14-2		U	0.242	0.0966
2,6-Dinitrotoluene	606-20-2		U	0.251	0.0966
2-Amino-4,6-dinitrotoluene	35572-78-2		U	0.251	0.0966
2-Nitrotoluene	88-72-2		U	0.242	0.0966
3-Nitrotoluene	99-08-1		U	0.242	0.0966
4-Nitrotoluene	99-99-0		U	0.242	0.0966
4-Amino-2,6-dinitrotoluene	19406-51-0		U	0.251	0.0966
HMX	2691-41-0		U	2.13	0.0966
Nitrobenzene	98-95-3		U	0.251	0.126
RDX	121-82-4		U	0.966	0.0966
Tetryl	479-45-8		U	0.628	0.193

Surrogate	% Recovery	Lower	Upper	Qual
3,4-Dinitrotoluene	257	50	150	*

***** Surrogate or spike compound out of range
I Semiquantitative result (out of instrument calibration range)
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609744-02**
Client ID: **29WL13**
Matrix: **Soil**
Workgroup Number: **WG224384**
Collect Date: **09/28/2006 08:50**
Sample Tag: **DL1**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **100**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **10/05/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **10/25/2006 13:45**
File ID: **4L009486.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trinitrobenzene	99-35-4	53.4		24.2	9.66
1,3-Dinitrobenzene	99-65-0		U	24.2	9.66
2,4,6-Trinitrotoluene	118-96-7	526		24.2	9.66
2,4-Dinitrotoluene	121-14-2	89.0		24.2	9.66
2,6-Dinitrotoluene	606-20-2		U	25.1	9.66
2-Amino-4,6-dinitrotoluene	35572-78-2		U	25.1	9.66
2-Nitrotoluene	88-72-2		U	24.2	9.66

Report Number: **L0609744**
Report Date : **October 30, 2006**

00092590

Sample Number: **L0609744-02**
Client ID: **29WL13**
Matrix: **Soil**
Workgroup Number: **WG224384**
Collect Date: **09/28/2006 08:50**
Sample Tag: **DL1**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **100**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **10/05/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **10/25/2006 13:45**
File ID: **4L009486.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
3-Nitrotoluene	99-08-1		U	24.2	9.66
4-Nitrotoluene	99-99-0		U	24.2	9.66
4-Amino-2,6-dinitrotoluene	19406-51-0		U	25.1	9.66
HMX	2691-41-0		U	213	9.66
Nitrobenzene	98-95-3		U	25.1	12.6
RDX	121-82-4		U	96.6	9.66
Tetryl	479-45-8		U	62.8	19.3

Surrogate	% Recovery	Lower	Upper	Qual
3,4-Dinitrotoluene		50	150	DL

DL Surrogate or spike compound was diluted out
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609744-02**
Client ID: **29WL13**
Matrix: **Soil**
Workgroup Number: **WG224136**
Collect Date: **09/28/2006 08:50**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **DIH**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **10/04/2006 08:20**
Cal Date:
Run Date: **10/04/2006 08:20**
File ID: **OV.0610040820-09**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	68.5		1.00	1.00

Sample Number: **L0609744-03**
Client ID: **29WL12 RS**
Matrix: **Soil**
Workgroup Number: **WG224384**
Collect Date: **09/28/2006 08:15**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **10/05/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **10/14/2006 17:50**
File ID: **4L009424.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trinitrobenzene	99-35-4		U	0.249	0.0995
1,3-Dinitrobenzene	99-65-0		U	0.249	0.0995
2,4,6-Trinitrotoluene	118-96-7		U	0.249	0.0995
2,4-Dinitrotoluene	121-14-2		U	0.249	0.0995
2,6-Dinitrotoluene	606-20-2		U	0.259	0.0995
2-Amino-4,6-dinitrotoluene	35572-78-2		U	0.259	0.0995
2-Nitrotoluene	88-72-2		U	0.249	0.0995
3-Nitrotoluene	99-08-1		U	0.249	0.0995
4-Nitrotoluene	99-99-0		U	0.249	0.0995
4-Amino-2,6-dinitrotoluene	19406-51-0		U	0.259	0.0995
HMX	2691-41-0		U	2.19	0.0995
Nitrobenzene	98-95-3		U	0.259	0.129
RDX	121-82-4		U	0.995	0.0995
Tetryl	479-45-8		U	0.647	0.199

Sample Number: **L0609744-03**
Client ID: **29WL12 RS**
Matrix: **Soil**
Workgroup Number: **WG224384**
Collect Date: **09/28/2006 08:15**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **10/05/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **10/14/2006 17:50**
File ID: **4L009424.F**

Surrogate	% Recovery	Lower	Upper	Qual
3,4-Dinitrotoluene	143	50	150	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0609744-03**
Client ID: **29WL12 RS**
Matrix: **Soil**
Workgroup Number: **WG224136**
Collect Date: **09/28/2006 08:15**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **DIH**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **10/04/2006 08:20**
Cal Date:
Run Date: **10/04/2006 08:20**
File ID: **OV.0610040820-10**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	89.2		1.00	1.00

Sample Number: **L0609744-04**
Client ID: **32WL05**
Matrix: **Soil**
Workgroup Number: **WG224384**
Collect Date: **09/28/2006 10:06**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **1**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **10/05/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **10/14/2006 20:14**
File ID: **4L009428.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trinitrobenzene	99-35-4	1.61		0.245	0.0980
1,3-Dinitrobenzene	99-65-0		U	0.245	0.0980
2,4,6-Trinitrotoluene	118-96-7	30.9	I	0.245	0.0980
2,4-Dinitrotoluene	121-14-2	10.4	I	0.245	0.0980
2,6-Dinitrotoluene	606-20-2		U	0.255	0.0980
2-Amino-4,6-dinitrotoluene	35572-78-2		U	0.255	0.0980
2-Nitrotoluene	88-72-2		U	0.245	0.0980
3-Nitrotoluene	99-08-1		U	0.245	0.0980
4-Nitrotoluene	99-99-0		U	0.245	0.0980
4-Amino-2,6-dinitrotoluene	19406-51-0		U	0.255	0.0980
HMX	2691-41-0		U	2.16	0.0980
Nitrobenzene	98-95-3		U	0.255	0.127
RDX	121-82-4		U	0.980	0.0980
Tetryl	479-45-8		U	0.637	0.196

Surrogate	% Recovery	Lower	Upper	Qual
3,4-Dinitrotoluene		50	150	*

***** Surrogate or spike compound out of range
I Semiquantitative result (out of instrument calibration range)
U Not detected at or above adjusted sample detection limit

Report Number: **L0609744**
Report Date : **October 30, 2006**

00092592

Sample Number: **L0609744-04**
Client ID: **32WL05**
Matrix: **Soil**
Workgroup Number: **WG224384**
Collect Date: **09/28/2006 10:06**
Sample Tag: **DL1**

PrePrep Method: **NONE**
Prep Method: **METHOD**
Analytical Method: **8330**
Analyst: **JLS**
Dilution: **10**
Units: **mg/kg**

Instrument: **HPLC4**
Prep Date: **10/05/2006 08:00**
Cal Date: **08/10/2006 19:30**
Run Date: **10/24/2006 15:32**
File ID: **4L009479.F**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,3,5-Trinitrobenzene	99-35-4	1.87	J	2.45	0.980
1,3-Dinitrobenzene	99-65-0		U	2.45	0.980
2,4,6-Trinitrotoluene	118-96-7	17.0		2.45	0.980
2,4-Dinitrotoluene	121-14-2	5.15		2.45	0.980
2,6-Dinitrotoluene	606-20-2		U	2.55	0.980
2-Amino-4,6-dinitrotoluene	35572-78-2		U	2.55	0.980
2-Nitrotoluene	88-72-2		U	2.45	0.980
3-Nitrotoluene	99-08-1		U	2.45	0.980
4-Nitrotoluene	99-99-0		U	2.45	0.980
4-Amino-2,6-dinitrotoluene	19406-51-0		U	2.55	0.980
HMX	2691-41-0		U	21.6	0.980
Nitrobenzene	98-95-3		U	2.55	1.27
RDX	121-82-4		U	9.80	0.980
Tetryl	479-45-8		U	6.37	1.96

Surrogate	% Recovery	Lower	Upper	Qual
3,4-Dinitrotoluene		50	150	DL

DL Surrogate or spike compound was diluted out
J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0609744-04**
Client ID: **32WL05**
Matrix: **Soil**
Workgroup Number: **WG224136**
Collect Date: **09/28/2006 10:06**

PrePrep Method: **NONE**
Prep Method: **D2216-90**
Analytical Method: **D2216-90**
Analyst: **DIH**
Dilution: **1**
Units: **weight %**

Instrument: **OVEN**
Prep Date: **10/04/2006 08:20**
Cal Date:
Run Date: **10/04/2006 08:20**
File ID: **OV.0610040820-11**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Percent Solids	10-02-6	58.1		1.00	1.00

WORKGROUP SUMMARY BY METHOD

Analysis: Percent Solids
Analytical Method: D2216-90
Workgroup: WG224136

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609744-01	29WL14			10/04/06 08:20		OVEN	DIH
L0609744-02	29WL13			10/04/06 08:20		OVEN	DIH
L0609744-03	29WL12 RS			10/04/06 08:20		OVEN	DIH
L0609744-04	32WL05			10/04/06 08:20		OVEN	DIH

Analysis: Explosives
Extraction Method: METHOD
Workgroup: WG224200

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609744-01	29WL14		10/05/06 08:00			SONICATION	CEB
L0609744-02	29WL13		10/05/06 08:00			SONICATION	CEB
L0609744-03	29WL12 RS		10/05/06 08:00			SONICATION	CEB
L0609744-04	32WL05		10/05/06 08:00			SONICATION	CEB

Analysis: Explosives
Analytical Method: 8330
Workgroup: WG224384

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0609744-01	29WL14		10/05/06 08:00	10/14/06 16:36	01	HPLC4	JLS
L0609744-01	29WL14		10/05/06 08:00	10/27/06 11:47	DL1	HPLC4	JLS
L0609744-02	29WL13		10/05/06 08:00	10/14/06 17:13	01	HPLC4	JLS
L0609744-02	29WL13		10/05/06 08:00	10/25/06 13:45	DL1	HPLC4	JLS
L0609744-03	29WL12 RS		10/05/06 08:00	10/14/06 17:50	01	HPLC4	JLS
L0609744-04	32WL05		10/05/06 08:00	10/14/06 20:14	01	HPLC4	JLS
L0609744-04	32WL05		10/05/06 08:00	10/24/06 15:32	DL1	HPLC4	JLS

Kemron Environmental Services
Analyst Listing
October 30, 2006

AJF – AMANDA J. FICKIESEN
ALB – ANNIE L. BOCK
ALT – ANN L. THAYER
ARA – ADRIAN R. ACHTERMANN
BRG – BRENDA R. GREGORY
CAA – CASSIE A. AUGENSTEIN
CAF – CHERYL A. FLOWERS
CAK – CHERYL A. KOELSCH
CEB – CHAD E. BARNES
CFB – CHAD F. BOOK
CLC – CHRYS L. CRAWFORD
CLS – CARA L. STRICKLER
CLW – CHARISSA L. WINTERS
CM – CHARLIE MARTIN
CMS – CRYSTAL M. STEPHENS
CPD – CHAD P. DAVIS
CSA – LUCINDA S. ARNOLD
CSH – CHRIS S. HILL
DAS – DALLAS A. SULLIVAN
DD – DIANE M. DENNIS
DDE – DEBRA D. ELLIOTT
DEL – DON E. LIGHTFRITZ
DEV – DAVID E. VANDENBERG
DGB – DOUGLAS G. BUTCHER
DIH – DEANNA I. HESSON
DJ – DONGPING JIANG
DLB – DAVID L. BUMGARNER
DLP – DOROTHY L. PAYNE
DLR – DIANNA L. RAUCH
DR – DEANNA ROBERTS
DRP – DAVE R. PITZER
DSM – DAVID S. MOSSOR
DST – DENNIS S. TEPE
ECL – ERIC C. LAWSON
ED – EMILY E. DECKER
FJB – FRANCES J. BOLDEN
HAV – HEMA VILASAGAR
JAL – JOHN A. LENT
JKT – JANE K. THOMPSON
JLS – JANICE L. SCHIMMEL
JNB – JOSHUA N. BOOTH
JS – JENNIFER L. SOUTHALL
JWR – JOHN W. RICHARDS
JWS – JACK W. SHEAVES
JYH – JI Y. HU
KCZ – KEVIN C. ZUMBRO
KEB – KATHRYN E. BARNES
KHR – KIM H. RHODES
KRA – KATHY R. ALBERTSON
LKN – LINDA K. NEDEFF
LSB – LESLIE S. BUCINA
MDA – MIKE D. ALBERTSON
MDC – MICHAEL D. COCHRAN
MES – MARY E. SCHILLING
MKZ – MARILYN K. ZUMBRO
MLR – MARY L. ROCHOTTE
MLS – MICHAEL L. SCHIMMEL
MMB – MAREN M. BEERY
MSW – MATT S. WILSON
NJB – NATALIE J. BOOTH
PAS – PATRICK A. STREET
PJM – PAUL J. MILLER
RB – ROBERT BUCHANAN
RDC – REBECCA D. CUTLIP
REK – ROBERT E. KYER
RNP – RICK N. PETTY
RWC – RODNEY W. CAMPBELL
SCM – SUSAN C. MOELLENDICK
SLM – STEPHANIE L. MOSSBURG
SLP – SHERI L. PFALZGRAF
SMH – SHAUNA M. HYDE
SRM – SAMUEL R. MCFEE
TMB – TIFFANY M. BAILEY
TMM – TAMMY M. MORRIS
VC – VICKI COLLIER
WFM – WALTER F. MARTIN

KEMRON Environmental Services

List of Valid Qualifiers

October 30, 2006

00092596

Qualkey: STD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
FL	Free Liquid
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL.
J,P	ESTIMATE & COLUMNS DON'T AGREE TO WITHIN 40%
L	Sample reporting limits elevated due to matrix interference
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
Z	Cannot be resolved from isomer - see below

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methylphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound an are matrix dependent.

Organic QA/QC

00092598

KEMRON Environmental Services
Data Checklist

Date: 03-AUG-2006
Analyst: JLS
Analyst: NA
Method: 8330
Instrument: HPLC4
Curve Workgroup: NA
Runlog ID: 11671
Analytical Workgroups: L0607506, L0607507, L0607509 DUE 8/4/06

Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Confirmations	X
Surrogates	X
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Integrations digitally signed	X
Case Narrative	NA
KEMRON .pdf forms	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	JLS
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the resonableness of the results	X
Comments	

Primary Reviewer:
10-AUG-2006

Secondary Reviewer:
14-AUG-2006

Generated: AUG-14-2006 09:56:33

00092599

KEMRON Environmental Services
Data Checklist

Date: 10-AUG-2006
Analyst: JLS
Analyst: NA
Method: 8330
Instrument: HPLC4
Curve Workgroup: NA
Runlog ID: 11718
Analytical Workgroups: L0607001,002 QMDL'S L0607333 DUE 8/1/06

Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Confirmations	X
Surrogates	X
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Integrations digitally signed	X
Case Narrative	NA
KEMRON .pdf forms	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	JLS
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the resonableness of the results	X
Comments	

Primary Reviewer:
14-AUG-2006

Secondary Reviewer:
14-AUG-2006

Generated: AUG-14-2006 13:02:33

KEMRON Environmental Services
Data Checklist

00092600

Date: 14-OCT-2006
Analyst: JLS
Analyst: NA
Method: 8330
Instrument: HPLC4
Curve Workgroup: NA
Runlog ID: 12925
Analytical Workgroups: L0607743, 744

Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Confirmations	X
Surrogates	X
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Integrations digitally signed	X
Case Narrative	NA
KEMRON .pdf forms	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	JLS
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the resonableness of the results	X
Comments	

Primary Reviewer:
20-OCT-2006
Janice Schimmel

Secondary Reviewer:
20-OCT-2006
Michael Cochran

Generated: OCT-20-2006 12:54:03

KEMRON Environmental Services
Data Checklist

00092601

Date: 24-OCT-2006
Analyst: JLS
Analyst: NA
Method: 8330
Instrument: HPLC4
Curve Workgroup: NA
Runlog ID: 13005
Analytical Workgroups: L0609743, 744

Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Confirmations	X
Surrogates	X
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Integrations digitally signed	X
Case Narrative	NA
KEMRON .pdf forms	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	JLS
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the resonableness of the results	X
Comments	

Primary Reviewer:
25-OCT-2006

Janice Schimmel

Secondary Reviewer:
25-OCT-2006

Michael Cochran

Generated: OCT-26-2006 09:32:28

KEMRON Environmental Services
Data Checklist

00092602

Date: 25-OCT-2006
Analyst: JLS
Analyst: NA
Method: 8330
Instrument: HPLC4
Curve Workgroup: NA
Runlog ID: 13042
Analytical Workgroups: L0609744

Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Confirmations	X
Surrogates	X
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Integrations digitally signed	X
Case Narrative	NA
KEMRON .pdf forms	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	JLS
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the resonableness of the results	X
Comments	

Primary Reviewer:
26-OCT-2006

Janice Schimmel

Secondary Reviewer:
26-OCT-2006

Michael Cochran

Generated: OCT-26-2006 13:12:07

KEMRON Environmental Services
Data Checklist

00092603

Date: 27-OCT-2006
Analyst: JLS
Analyst: NA
Method: 8330
Instrument: HPLC4
Curve Workgroup: NA
Runlog ID: 13083
Analytical Workgroups: L0609744

Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Confirmations	X
Surrogates	X
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Integrations digitally signed	X
Case Narrative	NA
KEMRON .pdf forms	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	JLS
Secondary Reviewer	MDC
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	NA
Check the resonableness of the results	X
Comments	

Primary Reviewer:
30-OCT-2006

Secondary Reviewer:
30-OCT-2006

Generated: OCT-30-2006 10:43:51

KEMRON Environmental Services Run Log ID: **11671**
Instrument Run Log Page 1

Instrument: HPLC4 Dataset: 080306
Analyst 1: JLS Analyst 2: NA
Method: 8330 SOP: HPLC02 Rev: 8

Internal Standard: NA Surrogate Standard: STD14009
CCV: STD14162 LCS: STD14162 MS/MSD: STD14045

Column 1 ID: ULTRACARB 5 ODS Column 2 ID: __

Workgroups: WG219025/WG219026

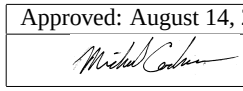
Seq.	File ID	Sample Info	Mat	Dil	Reference	Date/Time
1.	4L008890.F	BLANK	1	1		08/03/06 10:02
2.	4L008891.F	WG219012-01	1	1		08/03/06 10:37
3.	4L008892.F	WG219012-02	1	1		08/03/06 11:12
4.	4L008893.F	WG219012-03	1	1		08/03/06 11:48
5.	4L008894.F	WG219012-04	1	1		08/03/06 12:23
6.	4L008895.F	WG219012-05	1	1		08/03/06 12:58
7.	4L008896.F	WG219012-06	1	1		08/03/06 13:33
8.	4L008897.F	WG219012-07	1	1		08/03/06 14:08
9.	4L008898.F	WG219012-07	1	1		08/03/06 15:03
10.	4L008899.F	WG216614-01*	1	1		08/03/06 15:39
11.	4L008900.F	WG216614-02*	1	1		08/03/06 16:14
12.	4L008901.F	WG216614-03*	1	1		08/03/06 16:49
13.	4L008902.F	L0607003-01*	1	1		08/03/06 17:24
14.	4L008903.F	L0607004-01*	1	1		08/03/06 17:59
15.	4L008904.F	WG218108-01*	1	1		08/03/06 18:34
16.	4L008905.F	WG218108-02*	1	1		08/03/06 19:10
17.	4L008906.F	WG218108-03*	1	1		08/03/06 19:45
18.	4L008907.F	L0607001-01*	1	1		08/03/06 20:20
19.	4L008908.F	L0607002-01*	1	1		08/03/06 20:55
20.	4L008909.F	WG219013-01*	1	1		08/03/06 21:30
21.	4L008910.F	L0607333-01*	1	1		08/03/06 22:06
22.	4L008911.F	L0607333-02*	1	1		08/03/06 22:41
23.	4L008912.F	WG218391-01	7	1		08/03/06 23:16
24.	4L008913.F	WG218391-02*	7	1		08/03/06 23:51
25.	4L008914.F	WG218391-03*	7	1		08/04/06 00:26
26.	4L008915.F	L0607506-01*	7	1		08/04/06 01:02
27.	4L008916.F	L0607506-03*	7	1		08/04/06 01:37
28.	4L008917.F	L0607506-05*	7	1		08/04/06 02:12
29.	4L008918.F	L0607506-07*	7	1		08/04/06 02:47
30.	4L008919.F	L0607507-01*	7	1		08/04/06 03:22
31.	4L008920.F	WG219013-02*	1	1		08/04/06 03:58
32.	4L008921.F	L0607507-03*	7	1		08/04/06 04:33
33.	4L008922.F	L0607507-05*	7	1		08/04/06 05:08
34.	4L008923.F	L0607509-01*	7	1		08/04/06 05:43
35.	4L008924.F	L0607509-02*	7	1		08/04/06 06:18
36.	4L008925.F	L0607509-03*	7	1		08/04/06 06:54
37.	4L008926.F	L0607509-04*	7	1		08/04/06 07:29
38.	4L008927.F	WG218383-01*	1	1		08/04/06 08:04

Approved: August 14, 2006

Seq.	File ID	Sample Info	Mat	Dil	Reference	Date/Time
39.	4L008928.F	WG218383-02*	1	1		08/04/06 08:39
40.	4L008929.F	WG218383-03*	1	1		08/04/06 09:14
41.	4L008930.F	L0607506-02*	1	1		08/04/06 09:50
42.	4L008931.F	WG219013-03	1	1		08/04/06 10:25
43.	4L008932.F	L0607506-04	1	1		08/04/06 11:00
44.	4L008933.F	L0607506-06	1	1		08/04/06 11:35
45.	4L008934.F	L0607507-02	1	1		08/04/06 12:10
46.	4L008935.F	L0607507-04	1	1		08/04/06 12:46
47.	4L008936.F	L0607507-06	1	1		08/04/06 13:21
48.	4L008937.F	L0607509-05	1	1		08/04/06 13:56
49.	4L008938.F	L0607509-06	1	1		08/04/06 14:31
50.	4L008939.F	L0607509-07	1	1		08/04/06 15:06
51.	4L008940.F	L0607509-08	1	1		08/04/06 15:42
52.	4L008941.F	WG219013-04	1	1		08/04/06 16:17

10. Rerun: WG216614-01 Incorrect surrogate in standards.
11. Rerun: WG216614-02 Incorrect surrogate in standards.
12. Rerun: WG216614-03 Incorrect surrogate in standards.
13. Incorrect surrogate in standards.
14. Rerun: L0607004-01 Incorrect surrogate in standards.
15. Rerun: WG218108-01 Incorrect surrogate in standards.
16. Rerun: WG218108-02 Incorrect surrogate in standards.
17. Rerun: WG218108-03 Incorrect surrogate in standards.
18. Rerun: L0607001-01 Incorrect surrogate in standards.
19. Rerun: L0607002-01 Incorrect surrogate in standards.
20. Rerun: WG219013-01 Reason: Over Calibration Range Analyte:Nitroglycerin
21. Rerun: L0607333-01 Incorrect surrogate in standards.
22. Rerun: L0607333-02 Incorrect surrogate in standards.
24. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt.
25. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt.
26. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
27. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
28. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
29. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
30. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
31. Rerun: WG219013-02 Reason: Check Standard Failure Analyte:Nitroglycerin
32. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
33. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
34. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
35. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
36. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
37. Re extract - missing 4-am-2,6-dnt and 2-am-4,6-dnt in LCS and LCS DUP.
38. Rerun: WG218383-01 Reason: Check Standard Failure CCV failed for nitroglycerin.
39. Rerun: WG218383-02 Reason: Check Standard Failure CCV failed for nitroglycerin.
40. Rerun: WG218383-03 Reason: Check Standard Failure CCV failed for nitroglycerin.
41. Rerun: L0607506-02 Reason: Check Standard Failure CCV failed for nitroglycerin.

Approved: August 14, 2006



KEMRON Environmental Services

Instrument Run Log

00092606

Instrument: HPLC4 Dataset: 081006

Analyst1: JLS Analyst2: NA

Method: 8330 SOP: HPLC02 Rev: 8

Maintenance Log ID: 15141

Column 1 ID: ULTRACARB 5 ODS Column 2 ID: NA

Workgroups: WG219024, WG217741

Internal Standard: NA Surrogate Standard: STD13480

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	4L008947.F	WG219506-01 STD6	1	1		08/10/06 16:24
2	4L008948.F	WG219506-02 STD5	1	1		08/10/06 17:01
3	4L008949.F	WG219506-03 STD4	1	1		08/10/06 17:38
4	4L008950.F	WG219506-04 STD3	1	1		08/10/06 18:16
5	4L008951.F	WG219506-05 STD2	1	1		08/10/06 18:53
6	4L008952.F	WG219506-06 STD1	1	1		08/10/06 19:30
7	4L008953.F	WG219506-07 ALT	1	1		08/10/06 20:07
8	4L008954.F	WG218108-01 BLK	1	1		08/10/06 20:44
22	4L008955.F	WG218108-02 LCS	1	1		08/10/06 21:22
23	4L008956.F	WG218108-03 LCS2	1	1		08/10/06 21:59
11	4L008957.F	L0607001-01	1	1		08/10/06 22:36
12	4L008958.F	L0607002-01	1	1		08/10/06 23:13
13	4L008959.F	L0607333-01	1	1		08/10/06 23:50
14	4L008960.F	L0607333-02	1	1		08/11/06 00:28
24	4L008961.F	WG216614-01 BLK	7	1		08/11/06 01:05
25	4L008962.F	WG216614-02 LCS	7	1		08/11/06 01:42
17	4L008963.F	WG216614-02 LCS	7	1		08/11/06 02:19
18	4L008964.F	WG219523-01 CCV	1	1		08/11/06 02:56
19	4L008965.F	L0607003-01	7	1		08/11/06 03:34
20	4L008966.F	L0607004-01	7	1		08/11/06 04:11
21	4L008967.F	WG219523-02 CCV	1	1		08/11/06 04:48

Comments

Seq.	Rerun	Dil.	Reason	Analytes
11	X			
	To confirm the blob at the end of the run.			

Page: 1 of 1

Approved: 14-AUG-06

00092607

KEMRON Environmental Services

Instrument Run Log

Instrument: HPLC4 Dataset: 101406

Analyst1: JLS Analyst2: NA

Method: 8330 SOP: HPLC02 Rev: 8

Maintenance Log ID: 16253

Column 1 ID: ULTRACARB 5 ODS Column 2 ID: NA

Workgroups: WG225435, WG225437

Internal STD: NA Surrogate STD: STD14513 Calibration STD

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	4L009413.F	BLANK SOLVENT	1	1		10/14/06 10:49
2	4L009414.F	WG225102-01 CCV	1	1		10/14/06 11:26
3	4L009415.F	WG224200-01 BLK	7	1		10/14/06 12:15
4	4L009416.F	WG224200-02 LCS	7	1		10/14/06 12:52
5	4L009417.F	WG224200-03 LCS2	7	1		10/14/06 13:29
6	4L009418.F	L0609743-01	7	1		10/14/06 14:07
7	4L009419.F	L0609743-02	7	1		10/14/06 14:44
8	4L009420.F	L0609743-03	7	1		10/14/06 15:21
9	4L009421.F	L0609743-04	7	1		10/14/06 15:58
10	4L009422.F	L0609744-01	7	1		10/14/06 16:36
11	4L009423.F	L0609744-02	7	1		10/14/06 17:13
12	4L009424.F	L0609744-03	7	1		10/14/06 17:50
13	4L009425.F	BLANK SOLVENT	1	1		10/14/06 18:27
14	4L009426.F	BLANK SOLVENT	1	1		10/14/06 19:00
15	4L009427.F	WG225102-02 CCV	1	1		10/14/06 19:37
16	4L009428.F	L0609744-04	7	1		10/14/06 20:14
17	4L009429.F	BLANK SOLVENT	1	1		10/14/06 20:51
18	4L009430.F	BLANK SOLVENT	1	1		10/14/06 21:24
19	4L009431.F	L0610003-01	7	1		10/14/06 22:01
20	4L009432.F	L0610004-01	7	1		10/14/06 22:38
21	4L009433.F	WG225102-03 CCV	1	1		10/14/06 23:15

Comments

Seq.	Rerun	Dil.	Reason	Analytes
8	X	10	Over Calibration Range	2,4,6-Trinitrotoluene, 2,4-Dinitrotoluene
9				
	No surrogate standard recovery due to large peak.			
10	X	10	Over Calibration Range	2,4,6-TNT,4-amino-2,6-dnt, 2-amino-4,6-dnt, 2,4-dnt
11	X	10	Over Calibration Range	2,4,6-tnt, 2-amino-4,6-dnt
12	X	10	Over Calibration Range	2,4,6-tnt, 2,4-dnt

Page: 1 of 1 Approved: 20-OCT-06

00092608

KEMRON Environmental Services

Instrument Run Log

Instrument: HPLC4 Dataset: 102406

Analyst1: JLS Analyst2: NA

Method: 8330 SOP: HPLC02 Rev: 8

Maintenance Log ID: 16318

Column 1 ID: ULTRACARB 5 ODS Column 2 ID: NA

Workgroups:

Internal STD: NA Surrogate STD: STD14513 Calibration STD

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	4L009474.F	WG225684-01 CCV	1	1		10/24/06 12:26
2	4L009475.F	L0609743-03 100X	7	100		10/24/06 13:03
3	4L009476.F	L0609743-03 10X	7	10		10/24/06 13:41
4	4L009477.F	L0609744-01 10X	7	10		10/24/06 14:18
5	4L009478.F	L0609744-02 10X	7	10		10/24/06 14:55
6	4L009479.F	L0609744-04 10X	7	10		10/24/06 15:32
7	4L009480.F	BLANK SOLVENT	1	1		10/24/06 16:09
8	4L009481.F	BLANK SOLVENT	1	1		10/24/06 16:42
9	4L009482.F	WG225684-02 CCV	1	1		10/24/06 17:19

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4	X	100	Over Calibration Range	2,4,6-Trinitrotoluene
5	X	10		
	Analyst error.			

Page: 1 of 1

Approved: 25-OCT-06

KEMRON Environmental Services

Instrument Run Log

00092609

Instrument: HPLC4 Dataset: 102506

Analyst1: JLS Analyst2: NA

Method: 8330 SOP: HPLC02 Rev: 8

Maintenance Log ID: 15768

Column 1 ID: ULTRACARB 5 ODS Column 2 ID: NA

Workgroups:

Internal STD: NA Surrogate STD: STD14513 Calibration STD

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	4L009484.F	WG226006-01 CCV	1	1		10/25/06 11:18
2	4L009485.F	L0609744-01 100X	7	100		10/25/06 13:08
3	4L009486.F	L0609744-02 100X	7	100		10/25/06 13:45
4	4L009487.F	L0609744-02 10X	7	10		10/25/06 14:23
5	4L009488.F	BLANK SOLVENT	1	1		10/25/06 15:00
6	4L009489.F	BLANK SOLVENT	1	1		10/25/06 15:32
7	4L009490.F	WG226006-02 CCV	1	1		10/25/06 16:09

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4				
	DNR			

Page: 1 of 1

Approved: 26-OCT-06

KEMRON Environmental Services

Instrument Run Log

00092610

Instrument: HPLC4 Dataset: 102706

Analyst1: JLS Analyst2: NA

Method: 8330 SOP: HPLC02 Rev: 8

Maintenance Log ID: 16397

Column 1 ID: ULTRACARB 5 ODS Column 2 ID: NA

Workgroups:

Internal STD: NA Surrogate STD: NA Calibration STD

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	4L009491.F	BLANK SOLVENT	1	1		10/27/06 10:18
2	4L009492.F	WG226213-01 CCV	1	1		10/27/06 10:56
3	4L009493.F	L0609744-01 10X	7	10		10/27/06 11:47
4	4L009494.F	L0609744-01 5X	1	5		10/27/06 12:24
5	4L009496.F	BLANK SOLVENT	1	1		10/27/06 13:34
6	4L009497.F	WG226213-02 CCV	1	1		10/27/06 14:11

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4				
	DNR			

Page: 1 of 1

Approved: 30-OCT-06

KEMRON ENVIRONMENTAL SERVICES

Sample Extraction Log Sheet – Method 8330 / Explosives

R1121065

Analyst: CEB
Date: 10/05/06 @ 0800
SOP#: EXTN102 REV 6
Spike Analyst: CEB Witness: Ed
Sample Matrix: SOIL
Ext Solvent: CH_3CN Lot#: C13802
Ext Solvent: " Lot#: –
Ext Disk: – Lot#: –
Other: CaCl Lot#: RGT10002

Extract Relinquished By: CEB
Extract Received By: GS
Date Extract Received: 10/6/06

Matrix Spike # / Conc: STD 15105 @ 1.0 ppm
Surrogate Spike # / Conc: STD15106 @ 1.0 ppm

Extraction Work Group: WG224200
Analytical Work Group:

Sonic Bath On – Date:	10/05/06
Time (1) 1300	Temp (1) Ctrl 3.5°C
	Bath 10°C
Time (2) 1500	Temp (2) Ctrol 3.6°C
	Bath 12°C
Sonic Bath Off – Date:	10/06/06
Time (3) 0700	Temp (3) Ctrl 3.5°
	Bath 12°C

	Project ID	Sample ID	Sample Wt (g) / Vol (mL)	Surrogate Amount (uL)	Matrix Spike Amount (uL)	Extract F. Volume (mL)	Comments
1		BLK	2.00 g	1000 ul		20.0 mL	WG224200-01
2		LCS	"	"	1000 ul	"	" -02
3		LCS DUP	"	"	"	"	" -03
4		09-743-01	2.06				
5		-02	2.02				
6		-03	2.01				
7		-04	2.00				
8		09-744-01	2.03				
9		-02	2.07				
10		-03	2.01				
11		-04	2.04				
12		10-003-01	2.00g		200 ul		MDL-Q
13		10-004-01	"		"		"
14							
15							
16							
17							
18					CEB 10/5/06		
19							
20							
21							
22							
23							
24							

All soil samples are air dried to a constant weight prior to extraction
*All extracts are filtered through a 0.45 um teflon **ACRODISC** prior to analysis*

Reviewed by: _____

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092612

Analytical Method: 8330 AAB#: WG224384

Login Number: L0609744

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
29WL14	09/27/06	09/29/06	10/05/06	14	7.64	10/14/06	40	9.36	
29WL14	09/27/06	09/29/06	10/05/06	14	7.64	10/27/06	40	22.2	
29WL13	09/28/06	09/29/06	10/05/06	14	6.97	10/14/06	40	9.38	
29WL13	09/28/06	09/29/06	10/05/06	14	6.97	10/25/06	40	20.2	
29WL12 RS	09/28/06	09/29/06	10/05/06	14	6.99	10/14/06	40	9.41	
32WL05	09/28/06	09/29/06	10/05/06	14	6.91	10/14/06	40	9.51	
32WL05	09/28/06	09/29/06	10/05/06	14	6.91	10/24/06	40	19.3	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 02/14/2006
Version 1.5 PDF File ID: 611692
Report generated 10/30/2006 11:14

SURROGATE STANDARDS

00092613

Login Number: L0609744
Instrument Id: HPLC4
Workgroup (AAB#): WG224384

Method: 8330
CAL ID: HPLC4-10-AUG-06
Matrix: Soil

Sample Number	Dilution	Tag	1
L0609744-01	1.00	01	164
L0609744-01	10.0	DL1	DL
L0609744-02	1.00	01	257
L0609744-02	100	DL1	DL
L0609744-03	1.00	01	143
L0609744-04	1.00	01	ND
L0609744-04	10.0	DL1	DL
WG224200-01	1.00	01	96.9
WG224200-02	1.00	01	99.1
WG224200-03	1.00	01	98.0

Surrogates	Surrogate Limits		
1 - 3,4-Dinitrotoluene	50	-	150

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 603654
Report generated 10/30/2006 14:06

METHOD BLANK SUMMARY

00092614

Login Number: L0609744
Blank File ID: 4L009415.F
Date Analyzed: 10/14/06
Time Analyzed: 12:15
Analyst: JLS

Work Group: WG224384
Blank Sample ID: WG224200-01
Instrument ID: HPLC4
Method: 8330

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG224200-02	4L009416.F	10/14/06 12:52	01
LCS2	WG224200-03	4L009417.F	10/14/06 13:29	01
29WL14	L0609744-01	4L009422.F	10/14/06 16:36	01
29WL13	L0609744-02	4L009423.F	10/14/06 17:13	01
29WL12 RS	L0609744-03	4L009424.F	10/14/06 17:50	01
32WL05	L0609744-04	4L009428.F	10/14/06 20:14	01
32WL05	L0609744-04	4L009479.F	10/24/06 15:32	DL1
29WL13	L0609744-02	4L009486.F	10/25/06 13:45	DL1
29WL14	L0609744-01	4L009493.F	10/27/06 11:47	DL1

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 603651
Report generated 10/30/2006 11:14

KEMRON Environmental Services

METHOD BLANK REPORT

00092615

Login Number: L0609744 Run Date: 10/14/2006 Sample ID: WG224200-01
Instrument ID: HPLC4 Run Time: 12:15 Prep Method: METHOD
File ID: 4L009415.F Analyst: JLS Method: 8330
Workgroup (AAB#): WG224384 Matrix: Soil Units: mg/kg
Contract #: DACA56-94-D-0020 Cal ID: HPLC4-10-AUG-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
1,3,5-Trinitrobenzene	0.100	0.250	0.100	1	U
1,3-Dinitrobenzene	0.100	0.250	0.100	1	U
2,4,6-Trinitrotoluene	0.100	0.250	0.100	1	U
2,4-Dinitrotoluene	0.100	0.250	0.100	1	U
2,6-Dinitrotoluene	0.100	0.260	0.100	1	U
2-Amino-4,6-dinitrotoluene	0.100	0.260	0.100	1	U
2-Nitrotoluene	0.100	0.250	0.100	1	U
3-Nitrotoluene	0.100	0.250	0.100	1	U
4-Nitrotoluene	0.100	0.250	0.100	1	U
4-Amino-2,6-dinitrotoluene	0.100	0.260	0.100	1	U
HMX	0.100	2.20	0.100	1	U
Nitrobenzene	0.130	0.260	0.130	1	U
RDX	0.100	1.00	0.100	1	U
Tetryl	0.200	0.650	0.200	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
3,4-Dinitrotoluene	96.9	50 - 150	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092616

Login Number: L0609744 Analyst: JLS Prep Method: METHOD
Instrument ID: HPLC4 Matrix: Soil Method: 8330
Workgroup (AAB#): WG224384 Units: mg/kg
Sample ID: WG224200-02 LCS File ID: 4L009416.F Run Date: 10/14/2006 12:52
Sample ID: WG224200-03 LCS2 File ID: 4L009417.F Run Date: 10/14/2006 13:29

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
1,3,5-Trinitrobenzene	0.500	0.517	103	0.500	0.464	92.8	10.8	75 - 125	40	
1,3-Dinitrobenzene	0.500	0.521	104	0.500	0.510	102	2.18	80 - 125	40	
2,4,6-Trinitrotoluene	0.500	0.387	77.3	0.500	0.381	76.2	1.51	55 - 140	40	
2,4-Dinitrotoluene	0.500	0.534	107	0.500	0.514	103	3.77	80 - 125	40	
2,6-Dinitrotoluene	0.500	0.658	132	0.500	0.637	127	3.26	80 - 120	40	*
2-Amino-4,6-dinitrotoluene	0.500	0.678	136	0.500	0.643	129	5.37	80 - 125	40	*
2-Nitrotoluene	0.500	0.579	116	0.500	0.551	110	4.93	80 - 125	40	
3-Nitrotoluene	0.500	0.553	111	0.500	0.538	108	2.57	75 - 120	40	
4-Nitrotoluene	0.500	0.627	125	0.500	0.606	121	3.48	75 - 125	40	
4-Amino-2,6-dinitrotoluene	0.500	0.499	99.9	0.500	0.377	75.4	28.0	80 - 125	40	*
HMX	0.500	0.481	96.2	0.500	0.459	91.9	4.61	75 - 125	40	
Nitrobenzene	0.500	0.514	103	0.500	0.511	102	0.617	75 - 125	40	
RDX	0.500	0.550	110	0.500	0.682	136	21.4	70 - 135	40	*
Tetryl	0.500	0.389	77.8	0.500	0.341	68.1	13.3	20 - 130	40	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
3,4-Dinitrotoluene	99.1	98.0	50 - 150	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092617

Login Number: L0609744 **Instrument ID:** HPLC4

Analytical Method: 8330 **Initial Calibration Date:** 10-AUG-06 19:30

ICAL Workgroup: WG219506 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,3,5-Trinitrobenzene		2.503	4.27		
1,3-Dinitrobenzene		1.853	3.46		
2,4,6-Trinitrotoluene		2.638	3.49		
2,4-Dinitrotoluene		2.418	22.8	0.818	
2,6-Dinitrotoluene		4.408	9.45		
2-Amino-4,6-Dinitrotoluene		3.515	9.00		
2-Nitrotoluene		5.169	5.73		
3-Nitrotoluene		4.530	3.94		
4-Amino-2,6-Dinitrotoluene		4.280	3.91		
4-Nitrotoluene		6.317	8.42		
HMX		6.155	6.57		
Nitrobenzene		2.891	4.22		
RDX		6.185	14.6		
Tetryl		3.472	4.15		

INITIAL CALIBRATION DATA

00092618

Login Number: L0609744
Instrument ID: HPLC4
Analytical Method: 8330
Initial Calibration Date: 10-AUG-06 19:30
Column ID: F

Analyte	WG219506-01			WG219506-02			WG219506-03		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,3,5-Trinitrobenzene	1000	410.116058	2.438	500	207.627075	2.408	100	42.0826988	2.376
1,3-Dinitrobenzene	1000	548.319336	1.824	500	277.595795	1.801	100	56.5400391	1.769
2,4,6-Trinitrotoluene	1000	386.420624	2.588	500	195.437485	2.558	100	39.5971184	2.525
2,4-Dinitrotoluene	1000	240.642197	4.156	500	251.197968	1.990	100	50.9184875	1.964
2,6-Dinitrotoluene	1000			500	121.976257	4.099	100	24.9163990	4.013
2-Amino-4,6-Dinitrotoluene	1000	238.729309	4.189	500	152.127487	3.287	100	30.7204628	3.255
2-Nitrotoluene	1000			500	101.645988	4.919	100	20.3516426	4.914
3-Nitrotoluene	1000			500	115.008423	4.348	100	22.9069786	4.365
4-Amino-2,6-Dinitrotoluene	1000			500	121.125664	4.128	100	24.4640102	4.088
4-Nitrotoluene	1000			500	84.9606018	5.885	100	17.0263252	5.873
HMX	1000	169.042252	5.916	500	90.1942596	5.544	100	16.3395462	6.120
Nitrobenzene	1000	354.979858	2.817	500	179.311600	2.788	100	36.4564056	2.743
RDX	1000	182.905731	5.467	500	92.5733414	5.401	100	18.2953339	5.466
Tetryl	1000	295.412659	3.385	500	149.222870	3.351	100	30.2906513	3.301

KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092619

Login Number: L0609744
Analytical Method: 8330

Instrument ID: HPLC4
Initial Calibration Date: 10-AUG-06 19:30
Column ID: F

Analyte	WG219506-04			WG219506-05			WG219506-06		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,3,5-Trinitrobenzene	50.0	19.1474266	2.611	25.0	9.62814522	2.597	10.0	3.86683512	2.586
1,3-Dinitrobenzene	50.0	25.9892025	1.924	25.0	13.0911617	1.910	10.0	5.28941250	1.891
2,4,6-Trinitrotoluene	50.0	18.2330532	2.742	25.0	9.31017685	2.685	10.0	3.66835594	2.726
2,4-Dinitrotoluene	50.0	23.2483425	2.151	25.0	11.9094486	2.099	10.0	4.65987062	2.146
2,6-Dinitrotoluene	50.0	11.3105459	4.421	25.0	5.74631023	4.351	10.0	1.93934882	5.156
2-Amino-4,6-Dinitrotoluene	50.0	14.0588083	3.556	25.0	7.13465643	3.504	10.0	3.03034019	3.300
2-Nitrotoluene	50.0	9.48513603	5.271	25.0	4.91147327	5.090	10.0	1.76889133	5.653
3-Nitrotoluene	50.0	10.7789402	4.639	25.0	5.51862288	4.530	10.0	2.09677839	4.769
4-Amino-2,6-Dinitrotoluene	50.0	11.2209272	4.456	25.0	5.79186916	4.316	10.0	2.26526356	4.414
4-Nitrotoluene	50.0	7.76470518	6.439	25.0	4.07508135	6.135	10.0	1.37910843	7.251
HMX	50.0	7.68003368	6.510	25.0	3.77735090	6.618	10.0	1.60739887	6.221
Nitrobenzene	50.0	16.7608624	2.983	25.0	8.35599613	2.992	10.0	3.30798101	3.023
RDX	50.0	7.96912861	6.274	25.0	3.91651797	6.383	10.0	1.23154259	8.120
Tetryl	50.0	13.8570604	3.608	25.0	7.04509830	3.549	10.0	2.74744797	3.640

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092620

Login Number: L0609744 Run Date: 08/10/2006 Sample ID: WG219506-07

Instrument ID: HPLC4 Run Time: 20:07 Method: 8330

File ID: 4L008953.F Analyst: JLS

ICal Workgroup: WG219506 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,3,5-Trinitrobenzene		50	49.0	2.49	2.1	ug/L	
1,3-Dinitrobenzene		50	48.1	1.88	3.8	ug/L	
2,4,6-Trinitrotoluene		50	48.7	2.65	2.5	ug/L	
2,4-Dinitrotoluene		50	48.1	2.08	3.9	ug/L	
2,6-Dinitrotoluene		50	51.0	4.07	1.9	ug/L	
2-Amino-4,6-Dinitrotoluene		50	53.4	3.11	6.9	ug/L	
2-Nitrotoluene		50	51.2	4.86	2.4	ug/L	
3-Nitrotoluene		50	50.2	4.37	.4	ug/L	
4-Nitrotoluene		50	51.9	5.78	3.8	ug/L	
4-Amino-2,6-Dinitrotoluene		50	49.3	4.23	1.5	ug/L	
HMX		50	43.9	6.61	12.1	ug/L	
Nitrobenzene		50	48.7	2.89	2.5	ug/L	
RDX		50	49.2	5.86	1.6	ug/L	
Tetryl		50	48.1	3.53	3.9	ug/L	

* Exceeds %D Limit

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092621

Login Number: L0609744 Run Date: 10/14/2006 Sample ID: WG225102-01
Instrument ID: HPLC4 Run Time: 11:26 Method: 8330
File ID: 4L009414.F Analyst: JLS
Workgroup (AAB#): WG224384 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	49.1	2.49	1.80	ug/L	
1,3-Dinitrobenzene		50.0	48.8	1.85	2.40	ug/L	
2,4,6-Trinitrotoluene		50.0	48.9	2.64	2.10	ug/L	
2,4-Dinitrotoluene		50.0	49.3	2.03	1.50	ug/L	
2,6-Dinitrotoluene		50.0	50.1	4.14	0.300	ug/L	
2-Nitrotoluene		50.0	50.4	4.94	0.900	ug/L	
3-Nitrotoluene		50.0	50.9	4.32	1.80	ug/L	
4-Nitrotoluene		50.0	50.2	5.97	0.500	ug/L	
HMX		50.0	44.9	6.46	10.1	ug/L	
Nitrobenzene		50.0	49.0	2.88	2.00	ug/L	
RDX		50.0	49.0	5.88	2.00	ug/L	
Tetryl		50.0	52.0	3.26	4.10	ug/L	

* Exceeds %D Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092622

Login Number: L0609744 Run Date: 10/14/2006 Sample ID: WG225102-02
Instrument ID: HPLC4 Run Time: 19:37 Method: 8330
File ID: 4L009427.F Analyst: JLS
Workgroup (AAB#): WG224384 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	49.0	2.49	1.90	ug/L	
1,3-Dinitrobenzene		50.0	49.2	1.84	1.60	ug/L	
2,4,6-Trinitrotoluene		50.0	49.9	2.59	0.200	ug/L	
2,4-Dinitrotoluene		50.0	50.2	1.99	0.400	ug/L	
2,6-Dinitrotoluene		50.0	51.1	4.06	2.20	ug/L	
2-Nitrotoluene		50.0	49.9	4.99	0.200	ug/L	
3-Nitrotoluene		50.0	49.4	4.45	1.30	ug/L	
4-Nitrotoluene		50.0	49.7	6.04	0.600	ug/L	
HMX		50.0	45.0	6.46	10.1	ug/L	
Nitrobenzene		50.0	49.3	2.86	1.30	ug/L	
RDX		50.0	49.5	5.82	0.900	ug/L	
Tetryl		50.0	51.9	3.27	3.70	ug/L	

* Exceeds %D Criteria

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092623

Login Number: L0609744 Run Date: 10/14/2006 Sample ID: WG225102-03
Instrument ID: HPLC4 Run Time: 23:15 Method: 8330
File ID: 4L009433.F Analyst: JLS
Workgroup (AAB#): WG224384 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	50.3	2.42	0.700	ug/L	
1,3-Dinitrobenzene		50.0	50.0	1.81	0	ug/L	
2,4,6-Trinitrotoluene		50.0	49.5	2.61	1.00	ug/L	
2,4-Dinitrotoluene		50.0	50.0	2.00	0.100	ug/L	
2,6-Dinitrotoluene		50.0	50.7	4.10	1.40	ug/L	
2-Nitrotoluene		50.0	49.9	4.99	0.200	ug/L	
3-Nitrotoluene		50.0	50.7	4.33	1.40	ug/L	
4-Nitrotoluene		50.0	69.0	4.34	37.9	ug/L	*
HMX		50.0	45.2	6.42	9.50	ug/L	
Nitrobenzene		50.0	48.8	2.89	2.40	ug/L	
RDX		50.0	50.6	5.69	1.10	ug/L	
Tetryl		50.0	52.8	3.21	5.50	ug/L	

* Exceeds %D Criteria

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092624

Login Number: L0609744 Run Date: 10/24/2006 Sample ID: WG225684-01
Instrument ID: HPLC4 Run Time: 12:26 Method: 8330
File ID: 4L009474.F Analyst: JLS
Workgroup (AAB#): WG224384 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	46.0	2.66	8.10	ug/L	
1,3-Dinitrobenzene		50.0	45.9	1.97	8.20	ug/L	
2,4,6-Trinitrotoluene		50.0	47.5	2.72	5.00	ug/L	
2,4-Dinitrotoluene		50.0	47.1	2.12	5.80	ug/L	
2,6-Dinitrotoluene		50.0	48.8	4.25	2.30	ug/L	
2-Nitrotoluene		50.0	49.9	4.99	0.200	ug/L	
3-Nitrotoluene		50.0	48.3	4.54	3.40	ug/L	
4-Nitrotoluene		50.0	50.3	5.97	0.600	ug/L	
HMX		50.0	43.9	6.62	12.2	ug/L	
Nitrobenzene		50.0	48.3	2.92	3.30	ug/L	
RDX		50.0	48.4	5.97	3.30	ug/L	
Tetryl		50.0	37.9	4.48	24.2	ug/L	*

* Exceeds %D Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092625

Login Number: L0609744 Run Date: 10/24/2006 Sample ID: WG225684-02
Instrument ID: HPLC4 Run Time: 17:19 Method: 8330
File ID: 4L009482.F Analyst: JLS
Workgroup (AAB#): WG224384 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	46.1	2.65	7.90	ug/L	
1,3-Dinitrobenzene		50.0	46.4	1.95	7.30	ug/L	
2,4,6-Trinitrotoluene		50.0	46.4	2.78	7.20	ug/L	
2,4-Dinitrotoluene		50.0	46.7	2.14	6.60	ug/L	
2,6-Dinitrotoluene		50.0	47.5	4.37	5.00	ug/L	
2-Nitrotoluene		50.0	47.1	5.29	5.80	ug/L	
3-Nitrotoluene		50.0	47.2	4.65	5.50	ug/L	
4-Nitrotoluene		50.0	47.5	6.32	5.00	ug/L	
HMX		50.0	42.8	6.79	14.4	ug/L	
Nitrobenzene		50.0	47.8	2.95	4.30	ug/L	
RDX		50.0	48.7	5.92	2.50	ug/L	
Tetryl		50.0	38.9	4.37	22.2	ug/L	*

* Exceeds %D Criteria

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092626

Login Number: L0609744 Run Date: 10/25/2006 Sample ID: WG226006-01
Instrument ID: HPLC4 Run Time: 11:18 Method: 8330
File ID: 4L009484.F Analyst: JLS
Workgroup (AAB#): WG224384 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	49.8	2.45	0.400	ug/L	
1,3-Dinitrobenzene		50.0	49.7	1.82	0.700	ug/L	
2,4,6-Trinitrotoluene		50.0	50.1	2.57	0.300	ug/L	
2,4-Dinitrotoluene		50.0	50.3	1.99	0.600	ug/L	
2,6-Dinitrotoluene		50.0	51.0	4.07	2.00	ug/L	
2-Nitrotoluene		50.0	52.1	4.78	4.20	ug/L	
3-Nitrotoluene		50.0	51.0	4.30	2.00	ug/L	
4-Nitrotoluene		50.0	52.4	5.72	4.80	ug/L	
HMX		50.0	44.6	6.51	10.8	ug/L	
Nitrobenzene		50.0	51.3	2.75	2.70	ug/L	
RDX		50.0	52.0	5.52	4.00	ug/L	
Tetryl		50.0	40.8	4.16	18.3	ug/L	*

* Exceeds %D Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092627

Login Number: L0609744 Run Date: 10/25/2006 Sample ID: WG226006-02
Instrument ID: HPLC4 Run Time: 16:09 Method: 8330
File ID: 4L009490.F Analyst: JLS
Workgroup (AAB#): WG224384 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	50.0	2.44	0	ug/L	
1,3-Dinitrobenzene		50.0	50.0	1.81	0.100	ug/L	
2,4,6-Trinitrotoluene		50.0	50.9	2.54	1.70	ug/L	
2,4-Dinitrotoluene		50.0	50.8	1.97	1.50	ug/L	
2,6-Dinitrotoluene		50.0	52.0	4.00	3.90	ug/L	
2-Nitrotoluene		50.0	50.7	4.91	1.40	ug/L	
3-Nitrotoluene		50.0	51.2	4.29	2.30	ug/L	
4-Nitrotoluene		50.0	51.4	5.84	2.80	ug/L	
HMX		50.0	47.2	6.16	5.70	ug/L	
Nitrobenzene		50.0	51.8	2.72	3.50	ug/L	
RDX		50.0	52.6	5.46	5.20	ug/L	
Tetryl		50.0	41.6	4.08	16.8	ug/L	*

* Exceeds %D Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092628

Login Number: L0609744 Run Date: 10/27/2006 Sample ID: WG226213-01
Instrument ID: HPLC4 Run Time: 10:56 Method: 8330
File ID: 4L009492.F Analyst: JLS
Workgroup (AAB#): WG224384 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	51.8	2.35	3.70	ug/L	
1,3-Dinitrobenzene		50.0	51.3	1.77	2.60	ug/L	
2,4,6-Trinitrotoluene		50.0	52.0	2.48	4.00	ug/L	
2,4-Dinitrotoluene		50.0	52.0	1.92	4.10	ug/L	
2,6-Dinitrotoluene		50.0	53.0	3.92	6.00	ug/L	
2-Nitrotoluene		50.0	53.4	4.67	6.70	ug/L	
3-Nitrotoluene		50.0	52.6	4.17	5.30	ug/L	
4-Nitrotoluene		50.0	53.0	5.65	6.10	ug/L	
HMX		50.0	47.6	6.10	4.80	ug/L	
Nitrobenzene		50.0	52.9	2.67	5.80	ug/L	
RDX		50.0	54.5	5.26	8.90	ug/L	
Tetryl		50.0	42.0	4.04	15.9	ug/L	*

* Exceeds %D Criteria

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092629

Login Number: L0609744 Run Date: 10/27/2006 Sample ID: WG226213-02
Instrument ID: HPLC4 Run Time: 14:11 Method: 8330
File ID: 4L009497.F Analyst: JLS
Workgroup (AAB#): WG224384 Cal ID: HPLC4 - 10-AUG-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Sym-Trinitrobenzene		50.0	51.3	2.38	2.60	ug/L	
1,3-Dinitrobenzene		50.0	51.0	1.77	2.00	ug/L	
2,4,6-Trinitrotoluene		50.0	52.1	2.48	4.10	ug/L	
2,4-Dinitrotoluene		50.0	52.4	1.91	4.70	ug/L	
2,6-Dinitrotoluene		50.0	53.1	3.91	6.30	ug/L	
2-Nitrotoluene		50.0	53.3	4.67	6.60	ug/L	
3-Nitrotoluene		50.0	52.6	4.18	5.10	ug/L	
4-Nitrotoluene		50.0	53.4	5.62	6.70	ug/L	
HMX		50.0	49.5	5.88	1.10	ug/L	
Nitrobenzene		50.0	53.1	2.65	6.20	ug/L	
RDX		50.0	54.6	5.24	9.30	ug/L	
Tetryl		50.0	42.0	4.04	15.9	ug/L	*

* Exceeds %D Criteria

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 611695
Report generated 10/30/2006 14:06

00092630

Shaw® Shaw Environmental, Inc.

3010 Briarpark Drive, Suite 4N
Houston, TX 77042 (713) 996-4400

CHAIN-OF-CUSTODY

No. 10482

Site 24

Laboratory Name: Kemron Address: Marietta, OH Contact: S. Mossberg

Project Name: LHAAP Project Location: Karnack, Tx

Project No.: 117591 Project Contact: L. Duty Project Telephone No.: 832-364-0173

Point of contact: Project Manager/Supervisor:

Telephone No.:

Item No.	Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	Explosives ✓	Analysis and Method Desired (Indicate separate containers)	Remarks
1	29WL14	9/27	1645		X	S					
2	29WL13	9/28	8:50		X	S		1	X		
3	29WL12RS	9/28	8:15		X	S		1	X		
4	32WL05	9/28	1006		X	S		1	X		
5								1	X		
6											
7											
8											
9											
10											

Transfers Relinquished By (Signature)	Date/Time	Transfers Accepted By (Signature)	Date/Time
[signature]	9/29/06 1700	UPS	
		Laboratory [signature]	9/29/06 0930

Special Instructions: Ice Sealed Sig intact Cooler temp 1 Bag

UPS 1Z 401 663 22 1005 5689

FedEx Airbill No.:

Sampler's Signature [signature]

TAT: ____ Standard ____ Rush Due: ____ Seals Intact? ____ Y ____ N Received Good Condition ____ Y ____ N ____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

00092631

SAMPLE RECEIPT FORM

Date: 9-29-06 Client: Shaw-TX 930

Shipped By: ( ) Fed-Ex (✓) UPS ( )DHL ( ) KEMRON ( ) Client ( ) Other

Opened By: BG

Logged By: BG Login # L06 09744

IR Temp Gun: ( ) D (✓)

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	COC#	Other
1	00076	1	1Z 401 663 22 1005 5689		EXPORT
2					
3					
4					
5					
6					

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	Y	(N)	N/A
Were custody seals intact?	Y	N	(N/A)
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	Y	(N)	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	(Y)	N	N/A
Was the label information complete?*	(Y)	N	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	Y	N	(N/A)
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	N	(N/A)
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	Y	N	(N/A)

*Requires a discrepancy form

Comments: _____

CRF #1
Revised 8/22/03

KEMRON Environmental Services
Internal Chain of Custody Report

00092632

Login: L0609744
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 10-OCT-2006

Samplenum	Container ID	Products
L0609744-01	280620	8330 PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			29-SEP-2006 11:30	BRG	
2	PREP	W1	EXT	04-OCT-2006 06:53	CEB	BRG
3	STORE	EXT	W1	04-OCT-2006 07:13	BRG	CEB
4	ANALYZ	W1	WET	04-OCT-2006 11:32	DIH	JKT
5	STORE	WET	A1	05-OCT-2006 08:04	JS	DIH

Samplenum	Container ID	Products
L0609744-02	280621	8330 PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			29-SEP-2006 11:30	BRG	
2	PREP	W1	EXT	04-OCT-2006 06:53	CEB	BRG
3	STORE	EXT	W1	04-OCT-2006 07:13	BRG	CEB
4	ANALYZ	W1	WET	04-OCT-2006 11:32	DIH	JKT
5	STORE	WET	A1	05-OCT-2006 08:04	JS	DIH

Samplenum	Container ID	Products
L0609744-03	280622	8330 PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			29-SEP-2006 11:30	BRG	
2	PREP	W1	EXT	04-OCT-2006 06:53	CEB	BRG
3	STORE	EXT	W1	04-OCT-2006 07:13	BRG	CEB
4	ANALYZ	W1	WET	04-OCT-2006 11:32	DIH	JKT
5	STORE	WET	A1	05-OCT-2006 08:04	JS	DIH

Samplenum	Container ID	Products
L0609744-04	280623	8330 PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			29-SEP-2006 11:30	BRG	
2	PREP	W1	EXT	04-OCT-2006 06:53	CEB	BRG
3	STORE	EXT	W1	04-OCT-2006 07:13	BRG	CEB
4	ANALYZ	W1	WET	04-OCT-2006 11:32	DIH	JKT
5	STORE	WET	A1	05-OCT-2006 08:04	JS	DIH

156 Starlite Drive, Marietta, OH 45750 • TEL 740-373-4071 • FAX 740-373-4835 • http://www.kemron.com

Laboratory Report Number: L0611537

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact your team member noted in the reviewed box bleow at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

Debra Elliott - Team Leader
delliott@kemron-lab.com

Amanda Fickiesen - Client Services Specialist
afickiesen@kemron-lab.com

Cheryl Koelsch - Team Chemist/Data Specialist
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Katie Barnes - Team Assistant
kbarnes@kemron-lab.com

Kathy Albertson - Team Chemist/Data Specialist
kalbertson@kemron-lab.com

Cara Strickler - Team Assistant
cstrickler@kemron-lab.com

This report was reviewed on December 04, 2006.

Stephanie Mossburg

STEPHANIE MOSSBURG - Team Chemist/Data Specialist

I certify that all test results meet all of the requirements of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on December 04, 2006.

David E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 119 pages.

Protecting Our Environmental Future

LABORATORY REPORT

L0611537 00092634

12/04/06 13:23

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: Shaw E & I, Inc.
ABB Lummus Biulding
3010 Briarpark
Houston, TX 77042
Attention: Diane Mever

Account Number: 2773
Work ID: LONGHORN AAD

P.O. Number: 200328

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
LAP-29WW35-2ND	L0611537-01	20-NOV-06	22-NOV-06
LAP-29WW36-2ND	L0611537-02	17-NOV-06	22-NOV-06
LAP-29WW37-2ND	L0611537-03	17-NOV-06	22-NOV-06
LAP-29WW38-2ND	L0611537-04	20-NOV-06	22-NOV-06
LAP-29WW39-2ND	L0611537-05	20-NOV-06	22-NOV-06
LAP-29WW40-2ND	L0611537-06	21-NOV-06	22-NOV-06
LAP-29WW40-2ND DUP	L0611537-07	21-NOV-06	22-NOV-06
LAP-29WW40-2ND MS	L0611537-08	21-NOV-06	22-NOV-06
LAP-29WW40-2ND MSD	L0611537-09	21-NOV-06	22-NOV-06
TRIP BLANK	L0611537-10	21-NOV-06	22-NOV-06

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0611537

CHAIN OF CUSTODY: The chain of custody number was 66599.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 6 degrees C.

SAMPLE MANAGEMENT: All samples received were intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Approved: 29-NOV-06
Stephanie Moosburg

Laboratory Data Package Cover Page

00092636

This data Package consists of:

This signature page, the laboratory review checklists, and the following reportable data:

✓R1 Field chain-of-custody documentation;

✓R2 sample identification cross-reference;

R3 Test reports (analytical data sheets) for each enviornmental sample that includes:

a) Items consistant with NELAC 5.13 or ISO/IEC 17025 Section 5.10
b) dilution factors,
c) preparation methods,
d) Cleanup methods, and
e) If required for the project, tentatively identified compounds (TICs)

✓R4 Surrogate recovery data including:

a) Calculated recovery (%R) for each analyte, and
b) The laboratory's surrogate QC limits.

✓R5 Test reports/summary forms for blank samples;

✓R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amount,
b) Calculated %R for each analyte, and
c) The laboratory"s LCS QC limits.

✓R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,
b) MS/MSD spiking amounts,
c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
d) Calculated %R and relative percent differences (RPDs), and
e) The laboratory's MS/MSD QC limits

✓R8 Laboratory analytical duplicate (if applicable) revocery and precision:

a) the amount of analyte measured in the duplicate,
b) the calculated RPD, and
c) the laboratory's QC limits for anlytical duplicates.

✓R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

✓R10 Other problems or anomalies.

✓The exception Report for every "No" or "Not Reviewed (NR)" item IN laboratory review checklist.

Release statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exceptions reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratoy in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [✓] This laboratory is an in-house laboratory controlled by the person repsonding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

MIKE D. ALBERTSON		Volatiles Lab Supervisor	December 4, 2006
Name (Printed)	Signature	Official Title (printed)	DATE

RG-366/TRRP-13 December 2002 A1

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0611537
Project Name:	798-LONGHORN
Method:	8260B
Prep Batch Number(s):	228326, 228430, 228433
Reviewer Name:	MIKE D. ALBERTSON
LRC Date:	December 04, 2006

Description	Yes	No	NA(1)	NR(2)	ER(3)
Chain-Of-Custody (C-O-C)					
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
Were all departures from standard conditions described in an exception report?	✓				
Sample and quality control (QC) identification					
Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
Test reports					
Were all samples prepared and analyzed within holding times?	✓				
Other than those results <MQL, were all other raw values bracketed by calibration standards?	✓				
Were calculations checked by a peer or supervisor?	✓				
Were all analyte identifications checked by a peer or supervisor?	✓				
Were sample quantitation limits reported for all analytes not detected?	✓				
Were all results for soil and sediment samples reported on a dry weight basis?	✓				
Were % moisture (or solids) reported for all soil and sediment samples?	✓				
If required for the project, TICs reported?			✓		
Surrogate recovery data					
Were surrogates added prior to extraction?	✓				
Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
Test reports/summary forms for blank samples					
Were appropriate type(s) of blanks analyzed?	✓				
Were blanks analyzed at the appropriate frequency?	✓				
Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
Were blank concentrations <MQL?	✓				
Laboratory control samples (LCS):					
Were all COCs included in the LCS?	✓				
Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
Were LCSs analyzed at the required frequency?	✓				
Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		✓			1
Does the detectability data document the laboratorys capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
Was the LCSD RPD within QC limits?	✓				
Matrix spike (MS) and matrix spike duplicate (MSD) data					
Were the project/method specified analytes included in the MS and MSD?	✓				
Were MS/MSD analyzed at the appropriate frequency?	✓				
Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		✓			2

Description	Yes	No	NA(1)	NR(2)	ER(3)
Were MS/MSD RPDs within laboratory QC limits?		✓			6
Analytical duplicate data					
Were appropriate analytical duplicates analyzed for each matrix?			✓		
Were analytical duplicates analyzed at the appropriate frequency?			✓		
Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
Method quantitation limits (MQLs):					
Are the MQLs for each method analyte included in the laboratory data package?	✓				
Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
Are unadjusted MQLs included in the laboratory data package?	✓				
Other problems/anomalies					
Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				3
Were all necessary corrective actions performed for the reported data?	✓				
Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				
ICAL					
Were response factors and/or relative response factors for each analyte within QC limits?	✓				
Were percent RSDs or correlation coefficient criteria met?	✓				
Was the number of standards recommended in the method used for all analytes?	✓				
Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
Are ICAL data available for all instruments used?	✓				
Has the initial calibration curve been verified using an appropriate second source standard?	✓				
Initial and continuing calibration verification (ICV and CCV) and continuing calibration blank (CCB):					
Was the CCV analyzed at the method-required frequency?	✓				
Were percent differences for each analyte within the method-required QC limits?	✓				
Was the ICAL curve verified for each analyte?	✓				
Was the absolute value of the analyte concentration in the inorganic CCB <MDL?			✓		
Mass spectral tuning:					
Was the appropriate compound for the method used for tuning?	✓				
Were ion abundance data within the method-required QC limits?	✓				
Internal standards (IS):					
Were IS area counts and retention times within the method-required QC limits?	✓				
Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section 4.12.2)					
Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
Were data associated with manual integrations flagged on the raw data?	✓				
Dual column confirmation					
Did dual column confirmation results meet the method-required QC?			✓		
Tentatively identified compounds (TICs):					
If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
Interference Check Sample (ICS) results:					
Were percent recoveries within method QC limits?			✓		
Serial dilutions, post digestion spikes, and method of standard additions					
Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
Method detection limit (MDL) studies					
Was a MDL study performed for each reported analyte?	✓				
Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
Proficiency test reports:					
Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				

Description	Yes	No	NA(1)	NR(2)	ER(3)
Standards documentation					
Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
Compound/analyte identification procedures					
Are the procedures for compound/analyte identification documented?	✓				
Demonstration of analyst competency (DOC)					
Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	✓				
Is documentation of the analyst's competency up-to-date and on file?	✓				
Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
Laboratory standard operating procedures (SOPs):					
Are laboratory SOPs current and on file for each method performed?	✓				

EXCEPTIONS REPORT

ER# - Description

#1: Chloromethane exceeded the upper advisory limit in the LCS analyzed 11/29/06 on HPMS-8.

#2: 2-Chloroethylvinyl ether was not detected and chloromethane exceeded the upper advisory limit in the MS/MSD analyses of sample 06.

#3: The presence of hexachlorobutadiene and 1,2,3-trichlorobenzene in sample 07 may be attributed to carry-over contamination from a previous analysis.

Footnotes:

(1) NA = Not applicable to method or project

(2) NR = Not reviewed

(3) ER# = Exception report number

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092640

Sample Number: **L0611537-01**
Client ID: **LAP-29WW35-2ND**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/20/2006 15:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 12:33**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 12:33**
File ID: **8M332379**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0	3.26		1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3	0.549	J	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2	0.619	J	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	1160	I	5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092641

Sample Number: **L0611537-01**
Client ID: **LAP-29WW35-2ND**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/20/2006 15:25**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 12:33**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 12:33**
File ID: **8M332379**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6	43.5		1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	95.7	86	118	
1,2-Dichloroethane-d4	99.5	80	120	
Toluene-d8	96.0	88	110	
4-Bromofluorobenzene	92.6	86	115	

U Not detected at or above adjusted sample detection limit
J The analyte was positively identified, but the quantitation was below the RL
I Semiquantitative result (out of instrument calibration range)

Sample Number: **L0611537-01**
Client ID: **LAP-29WW35-2ND**
Matrix: **Water**
Workgroup Number: **WG228430**
Collect Date: **11/20/2006 15:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **20**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/29/2006 11:23**
Cal Date: **11/03/2006 21:42**
Run Date: **11/29/2006 11:23**
File ID: **8M332400**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	200	50.0
Benzene	71-43-2		U	20.0	2.50
Bromobenzene	108-86-1		U	20.0	2.50
Bromochloromethane	74-97-5		U	20.0	4.00
Bromodichloromethane	75-27-4		U	20.0	5.00
Bromoform	75-25-2		U	20.0	10.0
Bromomethane	74-83-9		U	20.0	10.0
2-Butanone	78-93-3		U	200	50.0
n-Butylbenzene	104-51-8		U	20.0	5.00
sec-Butylbenzene	135-98-8		U	20.0	5.00
tert-Butylbenzene	98-06-6		U	20.0	5.00
Carbon disulfide	75-15-0		U	20.0	10.0
Carbon tetrachloride	56-23-5		U	20.0	5.00
Chlorobenzene	108-90-7		U	20.0	2.50

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092642

Sample Number: **L0611537-01**
Client ID: **LAP-29WW35-2ND**
Matrix: **Water**
Workgroup Number: **WG228430**
Collect Date: **11/20/2006 15:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **20**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/29/2006 11:23**
Cal Date: **11/03/2006 21:42**
Run Date: **11/29/2006 11:23**
File ID: **8M332400**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chlorodibromomethane	124-48-1		U	20.0	5.00
Chloroethane	75-00-3		U	20.0	10.0
2-Chloroethyl vinyl ether	110-75-8		U	200	40.0
Chloroform	67-66-3		U	20.0	2.50
Chloromethane	74-87-3		U	20.0	5.00
2-Chlorotoluene	95-49-8		U	20.0	2.50
4-Chlorotoluene	106-43-4		U	20.0	5.00
1,2-Dibromo-3-chloropropane	96-12-8		U	100	20.0
1,2-Dibromoethane	106-93-4		U	20.0	5.00
Dibromomethane	74-95-3		U	20.0	5.00
1,2-Dichlorobenzene	95-50-1		U	20.0	2.50
1,3-Dichlorobenzene	541-73-1		U	20.0	5.00
1,4-Dichlorobenzene	106-46-7		U	20.0	2.50
Dichlorodifluoromethane	75-71-8		U	20.0	5.00
1,1-Dichloroethane	75-34-3		U	20.0	2.50
1,2-Dichloroethane	107-06-2		U	20.0	5.00
1,1-Dichloroethene	75-35-4		U	20.0	10.0
cis-1,2-Dichloroethene	156-59-2		U	20.0	5.00
trans-1,2-Dichloroethene	156-60-5		U	20.0	5.00
1,2-Dichloropropane	78-87-5		U	20.0	4.00
1,3-Dichloropropane	142-28-9		U	20.0	4.00
2,2-Dichloropropane	594-20-7		U	20.0	5.00
cis-1,3-Dichloropropene	10061-01-5		U	20.0	5.00
trans-1,3-Dichloropropene	10061-02-6		U	20.0	10.0
1,1-Dichloropropene	563-58-6		U	20.0	5.00
Ethylbenzene	100-41-4		U	20.0	5.00
2-Hexanone	591-78-6		U	200	50.0
Hexachlorobutadiene	87-68-3		U	20.0	5.00
Isopropylbenzene	98-82-8		U	20.0	5.00
p-Isopropyltoluene	99-87-6		U	20.0	5.00
4-Methyl-2-pentanone	108-10-1		U	200	50.0
Methylene chloride	75-09-2	1400		100	5.00
Naphthalene	91-20-3		U	20.0	4.00
n-Propylbenzene	103-65-1		U	20.0	2.50
Styrene	100-42-5		U	20.0	2.50
1,1,1,2-Tetrachloroethane	630-20-6		U	20.0	5.00
1,1,2,2-Tetrachloroethane	79-34-5		U	20.0	2.50
Tetrachloroethene	127-18-4		U	20.0	5.00
Toluene	108-88-3		U	20.0	5.00
1,2,3-Trichlorobenzene	87-61-6		U	20.0	2.50
1,2,4-Trichlorobenzene	120-82-1		U	20.0	4.00
1,1,1-Trichloroethane	71-55-6		U	20.0	5.00
1,1,2-Trichloroethane	79-00-5		U	20.0	5.00
Trichloroethene	79-01-6	40.3		20.0	5.00
Trichlorofluoromethane	75-69-4		U	20.0	5.00
1,2,3-Trichloropropane	96-18-4		U	20.0	10.0
1,2,4-Trimethylbenzene	95-63-6		U	20.0	5.00
1,3,5-Trimethylbenzene	108-67-8		U	20.0	5.00

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092643

Sample Number: **L0611537-01**
Client ID: **LAP-29WW35-2ND**
Matrix: **Water**
Workgroup Number: **WG228430**
Collect Date: **11/20/2006 15:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **20**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/29/2006 11:23**
Cal Date: **11/03/2006 21:42**
Run Date: **11/29/2006 11:23**
File ID: **8M332400**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Vinyl acetate	108-05-4		U	200	50.0
Vinyl chloride	75-01-4		U	20.0	5.00
o-Xylene	95-47-6		U	20.0	5.00
m-,p-Xylene	136777-61-2		U	20.0	10.0

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.7	86	118	
1,2-Dichloroethane-d4	100	80	120	
Toluene-d8	96.3	88	110	
4-Bromofluorobenzene	95.4	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0611537-02**
Client ID: **LAP-29WW36-2ND**
Matrix: **Water**
Workgroup Number: **WG228430**
Collect Date: **11/17/2006 11:50**
Sample Tag: **02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/29/2006 12:54**
Cal Date: **11/03/2006 21:42**
Run Date: **11/29/2006 12:54**
File ID: **8M332403**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092644

Sample Number: **L0611537-02**
Client ID: **LAP-29WW36-2ND**
Matrix: **Water**
Workgroup Number: **WG228430**
Collect Date: **11/17/2006 11:50**
Sample Tag: **02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/29/2006 12:54**
Cal Date: **11/03/2006 21:42**
Run Date: **11/29/2006 12:54**
File ID: **8M332403**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	1.10	J	5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.0	86	118	
1,2-Dichloroethane-d4	104	80	120	
Toluene-d8	98.2	88	110	
4-Bromofluorobenzene	96.6	86	115	

U Not detected at or above adjusted sample detection limit
J The analyte was positively identified, but the quantitation was below the RL

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092645

Sample Number: **L0611537-03**
Client ID: **LAP-29WW37-2ND**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/17/2006 10:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 13:33**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 13:33**
File ID: **8M332381**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	11.2		10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0	2.14		1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	63.4		5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125

Sample Number: **L0611537-03**
Client ID: **LAP-29WW37-2ND**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/17/2006 10:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 13:33**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 13:33**
File ID: **8M332381**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.3	86	118	
1,2-Dichloroethane-d4	103	80	120	
Toluene-d8	96.0	88	110	
4-Bromofluorobenzene	93.4	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0611537-04**
Client ID: **LAP-29WW38-2ND**
Matrix: **Water**
Workgroup Number: **WG228433**
Collect Date: **11/20/2006 14:25**
Sample Tag: **02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **11/29/2006 12:20**
Cal Date: **11/20/2006 14:29**
Run Date: **11/29/2006 12:20**
File ID: **6M62278**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	3.00	J	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0	0.720	J	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092647

Sample Number: **L0611537-04**
Client ID: **LAP-29WW38-2ND**
Matrix: **Water**
Workgroup Number: **WG228433**
Collect Date: **11/20/2006 14:25**
Sample Tag: **02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **11/29/2006 12:20**
Cal Date: **11/20/2006 14:29**
Run Date: **11/29/2006 12:20**
File ID: **6M62278**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3	0.321	J	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	0.568	J	5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092648

Sample Number: **L0611537-04**
Client ID: **LAP-29WW38-2ND**
Matrix: **Water**
Workgroup Number: **WG228433**
Collect Date: **11/20/2006 14:25**
Sample Tag: **02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **11/29/2006 12:20**
Cal Date: **11/20/2006 14:29**
Run Date: **11/29/2006 12:20**
File ID: **6M62278**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	95.6	86	118	
1,2-Dichloroethane-d4	88.0	80	120	
Toluene-d8	99.8	88	110	
4-Bromofluorobenzene	95.2	86	115	

U Not detected at or above adjusted sample detection limit
J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0611537-05**
Client ID: **LAP-29WW39-2ND**
Matrix: **Water**
Workgroup Number: **WG228433**
Collect Date: **11/20/2006 13:40**
Sample Tag: **02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **11/29/2006 12:53**
Cal Date: **11/20/2006 14:29**
Run Date: **11/29/2006 12:53**
File ID: **6M62279**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	5.11	J	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3	0.179	J	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092649

Sample Number: **L0611537-05**
Client ID: **LAP-29WW39-2ND**
Matrix: **Water**
Workgroup Number: **WG228433**
Collect Date: **11/20/2006 13:40**
Sample Tag: **02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **11/29/2006 12:53**
Cal Date: **11/20/2006 14:29**
Run Date: **11/29/2006 12:53**
File ID: **6M62279**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	1.82	J	5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	95.4	86	118	
1,2-Dichloroethane-d4	89.5	80	120	
Toluene-d8	99.4	88	110	
4-Bromofluorobenzene	96.1	86	115	

U Not detected at or above adjusted sample detection limit
J The analyte was positively identified, but the quantitation was below the RL

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092650

Sample Number: **L0611537-06**
Client ID: **LAP-29WW40-2ND**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 09:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 10:31**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 10:31**
File ID: **8M332375**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0	1.54		1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	6.79		5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125

Sample Number: **L0611537-06**
Client ID: **LAP-29WW40-2ND**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 09:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 10:31**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 10:31**
File ID: **8M332375**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.3	86	118	
1,2-Dichloroethane-d4	105	80	120	
Toluene-d8	95.5	88	110	
4-Bromofluorobenzene	91.4	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0611537-07**
Client ID: **LAP-29WW40-2ND DUP**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 09:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 12:03**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 12:03**
File ID: **8M332378**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0	1.89		1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092652

Sample Number: **L0611537-07**
Client ID: **LAP-29WW40-2ND DUP**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 09:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 12:03**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 12:03**
File ID: **8M332378**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3	0.272	J	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2	6.75		5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6	0.164	J	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092653

Sample Number: **L0611537-07**
Client ID: **LAP-29WW40-2ND DUP**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 09:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 12:03**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 12:03**
File ID: **8M332378**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	95.0	86	118	
1,2-Dichloroethane-d4	99.7	80	120	
Toluene-d8	97.0	88	110	
4-Bromofluorobenzene	93.2	86	115	

U Not detected at or above adjusted sample detection limit
J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0611537-08**
Client ID: **LAP-29WW40-2ND MS**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 09:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 11:02**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 11:02**
File ID: **8M332376**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	22.3		10.0	2.50
Benzene	71-43-2	21.0		1.00	0.125
Bromobenzene	108-86-1	20.7		1.00	0.125
Bromochloromethane	74-97-5	22.8		1.00	0.200
Bromodichloromethane	75-27-4	25.5		1.00	0.250
Bromoform	75-25-2	22.1		1.00	0.500
Bromomethane	74-83-9	20.5		1.00	0.500
2-Butanone	78-93-3	20.7		10.0	2.50
n-Butylbenzene	104-51-8	20.4		1.00	0.250
sec-Butylbenzene	135-98-8	20.4		1.00	0.250
tert-Butylbenzene	98-06-6	19.3		1.00	0.250
Carbon disulfide	75-15-0	22.1		1.00	0.500
Carbon tetrachloride	56-23-5	25.2		1.00	0.250
Chlorobenzene	108-90-7	21.4		1.00	0.125
Chlorodibromomethane	124-48-1	23.5		1.00	0.250
Chloroethane	75-00-3	19.0		1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3	23.6		1.00	0.125
Chloromethane	74-87-3	25.7		1.00	0.250
2-Chlorotoluene	95-49-8	20.2		1.00	0.125
4-Chlorotoluene	106-43-4	22.0		1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8	20.6		5.00	1.00
1,2-Dibromoethane	106-93-4	21.6		1.00	0.250
Dibromomethane	74-95-3	24.3		1.00	0.250
1,2-Dichlorobenzene	95-50-1	19.8		1.00	0.125
1,3-Dichlorobenzene	541-73-1	20.2		1.00	0.250
1,4-Dichlorobenzene	106-46-7	19.5		1.00	0.125
Dichlorodifluoromethane	75-71-8	19.9		1.00	0.250
1,1-Dichloroethane	75-34-3	22.2		1.00	0.125

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092654

Sample Number: **L0611537-08**
Client ID: **LAP-29WW40-2ND MS**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 09:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 11:02**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 11:02**
File ID: **8M332376**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,2-Dichloroethane	107-06-2	25.4		1.00	0.250
1,1-Dichloroethene	75-35-4	22.9		1.00	0.500
cis-1,2-Dichloroethene	156-59-2	21.5		1.00	0.250
trans-1,2-Dichloroethene	156-60-5	21.7		1.00	0.250
1,2-Dichloropropane	78-87-5	20.9		1.00	0.200
1,3-Dichloropropane	142-28-9	21.3		1.00	0.200
2,2-Dichloropropane	594-20-7	25.4		1.00	0.250
cis-1,3-Dichloropropene	10061-01-5	23.0		1.00	0.250
trans-1,3-Dichloropropene	10061-02-6	20.7		1.00	0.500
1,1-Dichloropropene	563-58-6	22.7		1.00	0.250
Ethylbenzene	100-41-4	21.0		1.00	0.250
2-Hexanone	591-78-6	17.8		10.0	2.50
Hexachlorobutadiene	87-68-3	23.3		1.00	0.250
Isopropylbenzene	98-82-8	20.0		1.00	0.250
p-Isopropyltoluene	99-87-6	20.3		1.00	0.250
4-Methyl-2-pentanone	108-10-1	19.1		10.0	2.50
Methylene chloride	75-09-2	26.0		5.00	0.250
Naphthalene	91-20-3	18.9		1.00	0.200
n-Propylbenzene	103-65-1	20.7		1.00	0.125
Styrene	100-42-5	22.1		1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6	23.1		1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5	19.1		1.00	0.125
Tetrachloroethene	127-18-4	22.1		1.00	0.250
Toluene	108-88-3	21.0		1.00	0.250
1,2,3-Trichlorobenzene	87-61-6	18.6		1.00	0.125
1,2,4-Trichlorobenzene	120-82-1	19.2		1.00	0.200
1,1,1-Trichloroethane	71-55-6	25.0		1.00	0.250
1,1,2-Trichloroethane	79-00-5	22.0		1.00	0.250
Trichloroethene	79-01-6	21.8		1.00	0.250
Trichlorofluoromethane	75-69-4	22.4		1.00	0.250
1,2,3-Trichloropropane	96-18-4	20.7		1.00	0.500
1,2,4-Trimethylbenzene	95-63-6	21.0		1.00	0.250
1,3,5-Trimethylbenzene	108-67-8	21.3		1.00	0.250
Vinyl acetate	108-05-4	21.2		10.0	2.50
Vinyl chloride	75-01-4	24.0		1.00	0.250
o-Xylene	95-47-6	20.8		1.00	0.250
m-,p-Xylene	136777-61-2	42.7		1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.3	86	118	
1,2-Dichloroethane-d4	102	80	120	
Toluene-d8	95.0	88	110	
4-Bromofluorobenzene	90.6	86	115	

U Not detected at or above adjusted sample detection limit

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092655

Sample Number: **L0611537-09**
Client ID: **LAP-29WW40-2ND MSD**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 09:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 11:32**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 11:32**
File ID: **8M332377**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1	23.7		10.0	2.50
Benzene	71-43-2	20.8		1.00	0.125
Bromobenzene	108-86-1	20.1		1.00	0.125
Bromochloromethane	74-97-5	22.2		1.00	0.200
Bromodichloromethane	75-27-4	24.9		1.00	0.250
Bromoform	75-25-2	22.4		1.00	0.500
Bromomethane	74-83-9	20.3		1.00	0.500
2-Butanone	78-93-3	21.6		10.0	2.50
n-Butylbenzene	104-51-8	19.9		1.00	0.250
sec-Butylbenzene	135-98-8	19.9		1.00	0.250
tert-Butylbenzene	98-06-6	19.0		1.00	0.250
Carbon disulfide	75-15-0	22.2		1.00	0.500
Carbon tetrachloride	56-23-5	24.6		1.00	0.250
Chlorobenzene	108-90-7	20.8		1.00	0.125
Chlorodibromomethane	124-48-1	23.3		1.00	0.250
Chloroethane	75-00-3	18.8		1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3	22.6		1.00	0.125
Chloromethane	74-87-3	25.2		1.00	0.250
2-Chlorotoluene	95-49-8	20.1		1.00	0.125
4-Chlorotoluene	106-43-4	20.6		1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8	20.3		5.00	1.00
1,2-Dibromoethane	106-93-4	21.6		1.00	0.250
Dibromomethane	74-95-3	23.2		1.00	0.250
1,2-Dichlorobenzene	95-50-1	19.3		1.00	0.125
1,3-Dichlorobenzene	541-73-1	19.7		1.00	0.250
1,4-Dichlorobenzene	106-46-7	19.1		1.00	0.125
Dichlorodifluoromethane	75-71-8	19.3		1.00	0.250
1,1-Dichloroethane	75-34-3	21.7		1.00	0.125
1,2-Dichloroethane	107-06-2	24.8		1.00	0.250
1,1-Dichloroethene	75-35-4	22.6		1.00	0.500
cis-1,2-Dichloroethene	156-59-2	23.4		1.00	0.250
trans-1,2-Dichloroethene	156-60-5	21.3		1.00	0.250
1,2-Dichloropropane	78-87-5	21.2		1.00	0.200
1,3-Dichloropropane	142-28-9	21.0		1.00	0.200
2,2-Dichloropropane	594-20-7	24.3		1.00	0.250
cis-1,3-Dichloropropene	10061-01-5	22.4		1.00	0.250
trans-1,3-Dichloropropene	10061-02-6	20.3		1.00	0.500
1,1-Dichloropropene	563-58-6	22.5		1.00	0.250
Ethylbenzene	100-41-4	20.6		1.00	0.250
2-Hexanone	591-78-6	18.7		10.0	2.50
Hexachlorobutadiene	87-68-3	24.2		1.00	0.250
Isopropylbenzene	98-82-8	19.6		1.00	0.250
p-Isopropyltoluene	99-87-6	19.7		1.00	0.250
4-Methyl-2-pentanone	108-10-1	19.6		10.0	2.50
Methylene chloride	75-09-2	26.1		5.00	0.250
Naphthalene	91-20-3	18.9		1.00	0.200
n-Propylbenzene	103-65-1	20.0		1.00	0.125

Sample Number: **L0611537-09**
Client ID: **LAP-29WW40-2ND MSD**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 09:50**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 11:32**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 11:32**
File ID: **8M332377**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Styrene	100-42-5	21.8		1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6	22.5		1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5	19.1		1.00	0.125
Tetrachloroethene	127-18-4	21.3		1.00	0.250
Toluene	108-88-3	20.4		1.00	0.250
1,2,3-Trichlorobenzene	87-61-6	18.0		1.00	0.125
1,2,4-Trichlorobenzene	120-82-1	19.0		1.00	0.200
1,1,1-Trichloroethane	71-55-6	24.0		1.00	0.250
1,1,2-Trichloroethane	79-00-5	21.6		1.00	0.250
Trichloroethene	79-01-6	21.6		1.00	0.250
Trichlorofluoromethane	75-69-4	21.6		1.00	0.250
1,2,3-Trichloropropane	96-18-4	20.2		1.00	0.500
1,2,4-Trimethylbenzene	95-63-6	20.3		1.00	0.250
1,3,5-Trimethylbenzene	108-67-8	20.5		1.00	0.250
Vinyl acetate	108-05-4	21.1		10.0	2.50
Vinyl chloride	75-01-4	23.1		1.00	0.250
o-Xylene	95-47-6	20.5		1.00	0.250
m-,p-Xylene	136777-61-2	41.6		1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.8	86	118	
1,2-Dichloroethane-d4	101	80	120	
Toluene-d8	94.3	88	110	
4-Bromofluorobenzene	90.0	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0611537-10**
Client ID: **TRIP BLANK**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 00:01**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 10:02**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 10:02**
File ID: **8M332374**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	1.00	0.125
Bromobenzene	108-86-1		U	1.00	0.125
Bromochloromethane	74-97-5		U	1.00	0.200
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	10.0	2.50
n-Butylbenzene	104-51-8		U	1.00	0.250
sec-Butylbenzene	135-98-8		U	1.00	0.250
tert-Butylbenzene	98-06-6		U	1.00	0.250
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092657

Sample Number: **L0611537-10**
Client ID: **TRIP BLANK**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 00:01**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 10:02**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 10:02**
File ID: **8M332374**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloroethane	75-00-3		U	1.00	0.500
2-Chloroethyl vinyl ether	110-75-8		U	10.0	2.00
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3		U	1.00	0.250
2-Chlorotoluene	95-49-8		U	1.00	0.125
4-Chlorotoluene	106-43-4		U	1.00	0.250
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	1.00	0.250
Dibromomethane	74-95-3		U	1.00	0.250
1,2-Dichlorobenzene	95-50-1		U	1.00	0.125
1,3-Dichlorobenzene	541-73-1		U	1.00	0.250
1,4-Dichlorobenzene	106-46-7		U	1.00	0.125
Dichlorodifluoromethane	75-71-8		U	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
1,3-Dichloropropane	142-28-9		U	1.00	0.200
2,2-Dichloropropane	594-20-7		U	1.00	0.250
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
1,1-Dichloropropene	563-58-6		U	1.00	0.250
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	10.0	2.50
Hexachlorobutadiene	87-68-3		U	1.00	0.250
Isopropylbenzene	98-82-8		U	1.00	0.250
p-Isopropyltoluene	99-87-6		U	1.00	0.250
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Methylene chloride	75-09-2		U	5.00	0.250
Naphthalene	91-20-3		U	1.00	0.200
n-Propylbenzene	103-65-1		U	1.00	0.125
Styrene	100-42-5		U	1.00	0.125
1,1,1,2-Tetrachloroethane	630-20-6		U	1.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,2,3-Trichlorobenzene	87-61-6		U	1.00	0.125
1,2,4-Trichlorobenzene	120-82-1		U	1.00	0.200
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Trichlorofluoromethane	75-69-4		U	1.00	0.250
1,2,3-Trichloropropane	96-18-4		U	1.00	0.500
1,2,4-Trimethylbenzene	95-63-6		U	1.00	0.250
1,3,5-Trimethylbenzene	108-67-8		U	1.00	0.250
Vinyl acetate	108-05-4		U	10.0	2.50

Report Number: **L0611537**
Report Date : **December 4, 2006**

00092658

Sample Number: **L0611537-10**
Client ID: **TRIP BLANK**
Matrix: **Water**
Workgroup Number: **WG228326**
Collect Date: **11/21/2006 00:01**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **11/28/2006 10:02**
Cal Date: **11/03/2006 21:42**
Run Date: **11/28/2006 10:02**
File ID: **8M332374**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.3	86	118	
1,2-Dichloroethane-d4	102	80	120	
Toluene-d8	96.8	88	110	
4-Bromofluorobenzene	92.8	86	115	

U Not detected at or above adjusted sample detection limit

WORKGROUP SUMMARY BY METHOD

Analysis: Volatile Organics
Analytical Method: 8260B
Workgroup: WG228326

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0611537-01	LAP-29WW35-2ND			11/28/06 12:33	01	HPMS8	CMS
L0611537-03	LAP-29WW37-2ND			11/28/06 13:33	01	HPMS8	CMS
L0611537-06	LAP-29WW40-2ND			11/28/06 10:31	01	HPMS8	CMS
L0611537-07	LAP-29WW40-2ND DUP			11/28/06 12:03	01	HPMS8	CMS
L0611537-08	LAP-29WW40-2ND MS			11/28/06 11:02	01	HPMS8	CMS
L0611537-09	LAP-29WW40-2ND MSD			11/28/06 11:32	01	HPMS8	CMS
L0611537-10	TRIP BLANK			11/28/06 10:02	01	HPMS8	CMS

Analysis: Volatile Organics
Extraction Method: 5030B
Workgroup: WG228326

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0611537-01	LAP-29WW35-2ND				228326	HPMS8	CMS
L0611537-02	LAP-29WW36-2ND				228326	HPMS8	CMS
L0611537-03	LAP-29WW37-2ND				228326	HPMS8	CMS
L0611537-04	LAP-29WW38-2ND				228326	HPMS8	CMS
L0611537-05	LAP-29WW39-2ND				228326	HPMS8	CMS
L0611537-06	LAP-29WW40-2ND				228326	HPMS8	CMS
L0611537-07	LAP-29WW40-2ND DUP				228326	HPMS8	CMS
L0611537-08	LAP-29WW40-2ND MS				228326	HPMS8	CMS
L0611537-09	LAP-29WW40-2ND MSD				228326	HPMS8	CMS
L0611537-10	TRIP BLANK				228326	HPMS8	CMS

Analysis: Volatile Organics
Analytical Method: 8260B
Workgroup: WG228430

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0611537-01	LAP-29WW35-2ND			11/29/06 11:23	DL01	HPMS8	CMS
L0611537-02	LAP-29WW36-2ND			11/29/06 12:54	02	HPMS8	CMS

Analysis: Volatile Organics
Extraction Method: 5030B
Workgroup: WG228430

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0611537-01	LAP-29WW35-2ND				228430	HPMS8	CMS
L0611537-02	LAP-29WW36-2ND				228430	HPMS8	CMS

Analysis: Volatile Organics
Analytical Method: 8260B
Workgroup: WG228433

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0611537-04	LAP-29WW38-2ND			11/29/06 12:20	02	HPMS6	CMS
L0611537-05	LAP-29WW39-2ND			11/29/06 12:53	02	HPMS6	CMS

Analysis: Volatile Organics
Extraction Method: 5030B
Workgroup: WG228433

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0611537-04	LAP-29WW38-2ND				228433	HPMS6	CMS
L0611537-05	LAP-29WW39-2ND				228433	HPMS6	CMS

Kemron Environmental Services
Analyst Listing
December 4, 2006

AJF – AMANDA J. FICKIESEN
ALB – ANNIE L. BOCK
ALT – ANN L. THAYER
ARA – ADRIAN R. ACHTERMANN
ASP – AARON S. PETRIE
BRG – BRENDA R. GREGORY
CAA – CASSIE A. AUGENSTEIN
CAF – CHERYL A. FLOWERS
CAK – CHERYL A. KOELSCH
CEB – CHAD E. BARNES
CFB – CHAD F. BOOK
CLC – CHRYS L. CRAWFORD
CLS – CARA L. STRICKLER
CLW – CHARISSA L. WINTERS
CM – CHARLIE MARTIN
CMS – CRYSTAL M. STEPHENS
CPD – CHAD P. DAVIS
CSA – LUCINDA S. ARNOLD
CSH – CHRIS S. HILL
DAS – DALLAS A. SULLIVAN
DD – DIANE M. DENNIS
DDE – DEBRA D. ELLIOTT
DEL – DON E. LIGHTFRITZ
DEV – DAVID E. VANDENBERG
DGB – DOUGLAS G. BUTCHER
DIH – DEANNA I. HESSON
DLB – DAVID L. BUMGARNER
DLP – DOROTHY L. PAYNE
DLR – DIANNA L. RAUCH
DR – DEANNA ROBERTS
DRP – DAVE R. PITZER
DSF – DEBRA S. FREDERICK
DSM – DAVID S. MOSSOR
DST – DENNIS S. TEPE
ECL – ERIC C. LAWSON
ED – EMILY E. DECKER
FJB – FRANCES J. BOLDEN
HAV – HEMA VILASAGAR
JAL – JOHN A. LENT
JKT – JANE K. THOMPSON
JLS – JANICE L. SCHIMMEL
JNB – JOSHUA N. BOOTH
JS – JENNIFER L. SOUTHALL
JWR – JOHN W. RICHARDS
JWS – JACK W. SHEAVES
JYH – JI Y. HU
KCZ – KEVIN C. ZUMBRO
KEB – KATHRYN E. BARNES
KHR – KIM H. RHODES
KRA – KATHY R. ALBERTSON
LKN – LINDA K. NEDEFF
LSB – LESLIE S. BUCINA
MDA – MIKE D. ALBERTSON
MDC – MICHAEL D. COCHRAN
MES – MARY E. SCHILLING
MKZ – MARILYN K. ZUMBRO
MLR – MARY L. ROCHOTTE
MLS – MICHAEL L. SCHIMMEL
MMB – MAREN M. BEERY
MSW – MATT S. WILSON
NJB – NATALIE J. BOOTH
PAS – PATRICK A. STREET
PJM – PAUL J. MILLER
RB – ROBERT BUCHANAN
REK – ROBERT E. KYER
RNP – RICK N. PETTY
RWC – RODNEY W. CAMPBELL
SLM – STEPHANIE L. MOSSBURG
SLP – SHERI L. PFALZGRAF
SMH – SHAUNA M. HYDE
TMB – TIFFANY M. BAILEY
TMM – TAMMY M. MORRIS
VC – VICKI COLLIER
WFM – WALTER F. MARTIN

KEMRON Environmental Services

List of Valid Qualifiers

December 04, 2006

00092663

Qualkey: STD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
FL	Free Liquid
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL.
J,P	ESTIMATE & COLUMNS DON'T AGREE TO WITHIN 40%
L	Sample reporting limits elevated due to matrix interference
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
Z	Cannot be resolved from isomer - see below

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methylphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound an are matrix dependent.

Organic QA/QC

KEMRON Environmental Services
Data Checklist

00092665

Date: 03-NOV-2006
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 13234
Analytical Workgroups: WG226781

System Performance Check	X
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	NA
Project/Client Specific Requirements	NA
Special Standards	NA
Blanks	NA
TCL's	NA
Surrogates	NA
LCS (Laboratory Control Sample)	NA
Recoveries	NA
Surrogates	NA
MS/MSD/Duplicates	NA
Samples	NA
TCL Hits	NA
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Library Searches	NA
Calculations & Correct Factors	NA
Dilutions Run	NA
Reruns	X
Manual Integrations	X
Case Narrative	NA
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
07-NOV-2006

Secondary Reviewer:
09-NOV-2006

Generated: NOV-09-2006 17:11:20

KEMRON Environmental Services
Data Checklist

00092666

Date: 04-NOV-2006
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 13239
Analytical Workgroups: WG226813;WG226781

System Performance Check	X
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
07-NOV-2006

Secondary Reviewer:
09-NOV-2006

Generated: NOV-09-2006 08:59:53

00092667

KEMRON Environmental Services
Data Checklist

Date: 20-NOV-2006
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 13467
Analytical Workgroups: WG227929;WG228019

System Performance Check	X
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
21-NOV-2006

Secondary Reviewer:
22-NOV-2006

Generated: NOV-29-2006 09:17:11

KEMRON Environmental Services
Data Checklist

00092668

Date: 28-NOV-2006
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 13554
Analytical Workgroups: WG228326

System Performance Check	X
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
29-NOV-2006

Secondary Reviewer:
29-NOV-2006

Generated: NOV-29-2006 13:58:33

KEMRON Environmental Services
Data Checklist

00092669

Date: 29-NOV-2006
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 13590
Analytical Workgroups: WG228430

System Performance Check	X
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	X
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	X
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
01-DEC-2006

Secondary Reviewer:
01-DEC-2006

Generated: DEC-01-2006 14:24:33

KEMRON Environmental Services
Data Checklist

00092670

Date: 29-NOV-2006
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 13579
Analytical Workgroups: WG228433

System Performance Check	X
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	X
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	NA
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
30-NOV-2006

Secondary Reviewer:
30-NOV-2006

Generated: NOV-30-2006 14:19:38

00092671

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 110306
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030B SOP: PAT01 Rev: 10
Maintenance Log ID: 16542

Internal Standard: STD15771 Surrogate Standard: STD15905
CCV: STD16158 LCS: STD16138 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG226781

Comments: Troubleshooting instrument from files 8M331734-8M331740

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M331734	SYSTEM BLANK CHECK	NA	1	1		11/03/06 11:48
2	8M331735	SYSTEM BLANK CHECK	NA	1	1		11/03/06 12:30
3	8M331736	SYSTEM BLANK 1141	NA	1	1		11/03/06 13:13
4	8M331737	SYSTEM BLANK 1176	NA	1	1		11/03/06 13:45
5	8M331738	WG226781-01 BFB 50ng STD 8260	NA	1	1	STD15559	11/03/06 14:14
6	8M331739	WG226781-01 BFB 50ng STD 8260	NA	1	1	STD15559	11/03/06 14:29
7	8M331740	SYSTEM BLANK	NA	1	1		11/03/06 15:08
8	8M331741	WG226781-01 BFB 50ng STD 8260	NA	1	1	STD15559	11/03/06 15:36
9	8M331742	WG226781-02 50ug/L STD 8260	NA	1	1	STD16005	11/03/06 16:05
10	8M331743	SYSTEM BLANK	NA	1	1		11/03/06 16:36
11	8M331744	SYSTEM BLANK	NA	1	1		11/03/06 17:06
12	8M331745	WG226781-02 0.30ug/L STD 8260	NA	1	1	STD16158	11/03/06 17:37
13	8M331746	WG226781-03 0.40ug/L STD 8260	NA	1	1	STD16158	11/03/06 18:08
14	8M331747	WG226781-04 1ug/L STD 8260	NA	1	1	STD16158	11/03/06 18:38
15	8M331748	WG226781-05 2ug/L STD 8260	NA	1	1	STD16158	11/03/06 19:09
16	8M331749	WG226781-06 5ug/L STD 8260	NA	1	1	STD16158	11/03/06 19:39
17	8M331750	WG226781-07 20ug/L STD 8260	NA	1	1	STD16158	11/03/06 20:10
18	8M331751	WG226781-08 50ug/L STD 8260	NA	1	1	STD16158	11/03/06 20:41
19	8M331752	WG226781-09 100ug/L STD 8260	NA	1	1	STD16158	11/03/06 21:12
20	8M331753	WG226781-10 200ug/L STD 8260	NA	1	1	STD16158	11/03/06 21:42
21	8M331754	SYSTEM BLANK	NA	1	1		11/03/06 22:13
22	8M331755	SYSTEM BLANK	NA	1	1		11/03/06 22:44
23	8M331756	WG226781-11 20ug/L ALT SOURCE STD 8	NA	1	1	STD16138	11/03/06 23:14

Comments

Seq.	Rerun	Dil.	Reason	Analytes
23	X			
File ID: 8M331756				
	DNR-Acetone high			

Approved: November 09, 2006

Page: 1 of 1

00092672

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 110406

Analyst1: CMS Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16547

Internal Standard: STD15771 Surrogate Standard: STD15905

CCV: STD16158 LCS: STD16138 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG226813;WG226781

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M331758	WG226812-01 BFB 50ng STD 8260	NA	1	1	STD15559	11/04/06 11:44
2	8M331759	WG226812-02 50ug/L STD 8260	NA	1	1	STD16158	11/04/06 12:10
3	8M331760	WG226813-01 VBLK1104 BLANK 8260	NA	1	1		11/04/06 12:40
4	8M331761	WG226781-11 20ug/L ALT SOURCE	NA	1	1	STD16138	11/04/06 13:11
5	8M331762	WG226813-01 VBLK1104 BLANK 8260	NA	1	1		11/04/06 13:41
6	8M331763	WG226813-02 20ug/L LCS 8260	NA	1	1	STD16138	11/04/06 14:12
7	8M331764	WG226813-03 20ug/L LCSDUP 8260	NA	1	1	STD16138	11/04/06 14:43
8	8M331765	L0610674-01 B 826-SPE1	=7	1	1		11/04/06 15:14
9	8M331766	L0610812-09 A 826-SPE	<2	1	1		11/04/06 15:44
10	8M331767	L0610806-10 A 826-SPE	<2	1	1		11/04/06 16:15
11	8M331768	L0610814-49 A 826-LOW	<2	1	1		11/04/06 16:46
12	8M331769	L0610814-50 A 826-LOW	<2	1	1		11/04/06 17:17
13	8M331770	L0610746-05 A 826-SPE2	<2	1	1		11/04/06 17:48
14	8M331771	L0610746-07 A 826-SPE2	<2	1	1		11/04/06 18:18
15	8M331772	L0610812-08 A 826-SPE	<2	1	1		11/04/06 18:49
16	8M331773	L0610812-10 A 826-SPE	<2	1	1		11/04/06 19:20
17	8M331774	L0610806-08 A 826-SPE	<2	1	1		11/04/06 19:50
18	8M331775	L0610806-09 A 826-SPE	<2	1	1		11/04/06 20:21
19	8M331776	L0610823-02 A 826-LOW	=2.2	1	1		11/04/06 20:52
20	8M331777	L0610823-03 A 826-LOW	=2.5	1	1		11/04/06 21:22
21	8M331778	L0610823-04 A 826-LOW	=2.2	1	1		11/04/06 21:53
22	8M331779	L0610823-05 A 826-LOW	=5	1	1		11/04/06 22:24
23	8M331780	L0610746-01 A 826-SPE2	=2.2	1	1		11/04/06 22:54
24	8M331781	L0610746-03 A 826-SPE2	<2	1	1		11/04/06 23:25
25	8M331782	SYSTEM BLANK	NA	1	1		11/04/06 23:55
26	8M331783	SYSTEM BLANK	NA	1	1		11/05/06 00:26

Comments

Seq.	Rerun	Dil.	Reason	Analytes
3	X		Carry-over contamination	
File ID: 8M331760				

Approved: November 09, 2006

KEMRON Environmental Services

Instrument Run Log

00092673

Instrument: HPMS8 Dataset: 110406

Analyst1: CMS Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16547

Internal Standard: STD15771 Surrogate Standard: STD15905

CCV: STD16158 LCS: STD16138 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG226813;WG226781

Comments

Seq.	Rerun	Dil.	Reason	Analytes
DNR				

Approved: November 09, 2006

00092674

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 112006
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030B SOP: PAT01 Rev: 10
Maintenance Log ID: 16762

Internal Standard: STD16289 Surrogate Standard: STD16354
CCV: STD16437 LCS: STD16443 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG227929;WG228019

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M62035	SYSTEM BLANK	NA	1	1		11/20/06 08:03
2	6M62036	SYSTEM BLANK	NA	1	1		11/20/06 08:35
3	6M62037	WG227929-01 BFB 50ng STD 8260	NA	1	1	STD16160	11/20/06 09:10
4	6M62038	WG227929-02 0.30ug/L STD 8260	NA	1	1	STD16437	11/20/06 09:38
5	6M62039	WG227929-03 0.40ug/L STD 8260	NA	1	1	STD16437	11/20/06 10:10
6	6M62040	WG227929-04 1ug/L STD 8260	NA	1	1	STD16437	11/20/06 10:43
7	6M62041	WG227929-05 2ug/L STD 8260	NA	1	1	STD16437	11/20/06 11:15
8	6M62042	WG227929-06 5ug/L STD 8260	NA	1	1	STD16437	11/20/06 11:47
9	6M62043	WG227929-07 20ug/L STD 8260	NA	1	1	STD16437	11/20/06 12:19
10	6M62044	WG227929-08 50ug/L STD 8260	NA	1	1	STD16437	11/20/06 12:52
11	6M62045	WG227929-09 100ug/L STD 8260	NA	1	1	STD16437	11/20/06 13:24
12	6M62046	WG227929-10 150ug/L STD 8260	NA	1	1	STD16437	11/20/06 13:57
13	6M62047	WG227929-11 200ug/L STD 8260	NA	1	1	STD16437	11/20/06 14:29
14	6M62049	SYSTEM BLANK	NA	1	1		11/20/06 15:34
15	6M62050	WG227929-12 20ug/L LCS STD 8260	NA	1	1	STD16443	11/20/06 16:09
16	6M62051	WG227929-12 20ug/L LCS STD 8260	NA	1	1	STD16443	11/20/06 17:01
17	6M62052	WG228018-01 BFB 50ng STD 8260	NA	1	1	STD16160	11/20/06 17:31
18	6M62053	WG228018-01 BFB 50ng STD 8260	NA	1	1	STD16160	11/20/06 18:00
19	6M62054	WG228018-02 50ug/L STD 8260	NA	1	1	STD16437	11/20/06 18:27
20	6M62055	WG228019-01 VBLK1120 BLANK 8260	NA	1	1		11/20/06 18:59
21	6M62056	WG228019-02 20ug/L LCS STD 8260	NA	1	1	STD16443	11/20/06 19:32
22	6M62057	WG228019-03 20ug/L LCSDUP STD 8260	NA	1	1	STD16443	11/20/06 20:04
23	6M62058	WG228019-04 FBLK1113 FLUID BLK	NA	18	1		11/20/06 20:36
24	6M62059	L0611351-11 A 826-SPE	<2	1	1		11/20/06 21:09
25	6M62060	L0611355-07 A 826-SPE	<2	1	1		11/20/06 21:41
26	6M62061	L0611356-08 A 826-SPE	<2	1	1		11/20/06 22:14
27	6M62062	L0611321-09 A 826-SPE	<2	1	1		11/20/06 22:48
28	6M62063	L0611321-01 A 826-SPE/826-LS	=6	1	1		11/20/06 23:21
29	6M62064	L0611321-02 A 826-SPE/826-LS	<2	1	1		11/20/06 23:53
30	6M62065	L0611321-04 A 826-SPE/826-LS	<2	1	1		11/21/06 00:26
31	6M62066	L0611321-06 A 826-SPE/826-LS	<2	1	1		11/21/06 00:58
32	6M62067	L0611321-07 A 826-SPE/826-LS	<2	1	1		11/21/06 01:30

Approved: November 22, 2006

KEMRON Environmental Services

Instrument Run Log

00092675

Instrument: HPMS6 Dataset: 112006
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030B SOP: PAT01 Rev: 10
Maintenance Log ID: 16762

Internal Standard: STD16289 Surrogate Standard: STD16354
CCV: STD16437 LCS: STD16443 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG227929;WG228019

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
33	6M62068	L0611355-01 A 826-SPE	<2	1	1		11/21/06 02:04
34	6M62069	L0611355-02 A 826-SPE	<2	1	1		11/21/06 02:37
35	6M62070	L0611355-03 A 826-SPE	<2	1	1		11/21/06 03:11
36	6M62071	L0611355-04 A 826-SPE	<2	1	1		11/21/06 03:44
37	6M62072	L0611355-05 A 826-SPE	<2	1	1		11/21/06 04:16
38	6M62073	L0611355-06 A 826-SPE	<2	1	1		11/21/06 04:48
39	6M62074	L0611351-08 A 10X 826-SPE/826-LS	=2.5	1	10		11/21/06 05:20
40	6M62075	L0611351-09 A 10X 826-SPE/826-LS D1	<2	1	10		11/21/06 05:53
41	6M62076	SYSTEM BLANK	NA	1	1		11/21/06 06:27
42	6M62077	WG228019-05 624 BLANK	NA	2	1		11/21/06 07:01
43	6M62078	L0611478-01 A 624-SPE	<2	2	1		11/21/06 07:34
44	6M62079	L0611478-02 A 624-SPE	<2	2	1		11/21/06 08:08

Comments

Seq.	Rerun	Dil.	Reason	Analytes
15	X			
File ID: 6M62050				
	RR-2-Butanone high-DNR			
17	X			
File ID: 6M62052				
	Tune failed/DNR			
40	X	2	Analyzed too dilute	
File ID: 6M62075				
	D1 if needed			

Approved: November 22, 2006

00092676

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 112806
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16849

Internal Standard: STD16213 Surrogate Standard: STD16507
CCV: STD16504 LCS: STD16525 MS/MSD: STD16525

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG228326

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M332367	WG228325-01 50ng BFB STD 8260	NA	1	1	STD16160	11/28/06 06:29
2	8M332368	WG228325-02 50ug/L STD 8260	NA	1	1	STD16504	11/28/06 06:56
3	8M332369	WG228325-03 100ug/L MAOXY STD 8260	NA	1	1	STD16502	11/28/06 07:29
4	8M332370	WG228326-01 VBLK1128 BLANK 8260	NA	1	1		11/28/06 07:59
5	8M332371	WG228326-02 20ug/L LCS STD 8260	NA	1	1	STD16525	11/28/06 08:30
6	8M332372	L0611585-01 A 10000X 8260 4.85g/10mL	NA	10	5000		11/28/06 09:00
7	8M332373	L0611510-02 A 8260	NA	1	1		11/28/06 09:31
8	8M332374	L0611537-10 A 826-LOW	NA	1	1		11/28/06 10:02
9	8M332375	WG228326-03 L0611537-07 A 826-LOW	NA	1	1		11/28/06 10:31
10	8M332376	WG228326-04 L0611537-08 MS A 826-LO	NA	1	1	STD16525	11/28/06 11:02
11	8M332377	WG228326-05 L0611537-09 MSD A 826-L	NA	1	1	STD16525	11/28/06 11:32
12	8M332378	L0611537-07 A 826-LOW	NA	1	1		11/28/06 12:03
13	8M332379	L0611537-01 A 826-LOW	NA	1	1		11/28/06 12:33
14	8M332380	L0611537-02 A 826-LOW	NA	1	1		11/28/06 13:03
15	8M332381	L0611537-03 A 826-LOW	NA	1	1		11/28/06 13:33
16	8M332382	L0611537-04 A 826-LOW	NA	1	1		11/28/06 14:03
17	8M332383	L0611537-05 A 826-LOW	NA	1	1		11/28/06 14:34
18	8M332384	L0611510-01 A 8260	NA	1	1		11/28/06 15:04
19	8M332385	L0611436-01 A 826-SPE1	NA	1	1		11/28/06 15:34
20	8M332386	L0611436-05 A 826-SPE1	NA	1	1		11/28/06 16:04
21	8M332387	L0611436-03 A 826-SPE1	NA	1	1		11/28/06 16:35
22	8M332388	L0611436-02 A 50X 826-SPE1	NA	1	50		11/28/06 17:05
23	8M332389	L0611436-04 A 2X 826-SPE1	NA	1	2		11/28/06 17:35
24	8M332390	L0611436-06 A 5X 826-SPE1	NA	1	5		11/28/06 18:06
25	8M332391	SYSTEM BLANK	NA	1	1		11/28/06 18:36

Comments

Seq.	Rerun	Dil.	Reason	Analytes
3				
File ID: 8M332369				
	DNR-NOT NEEDED			
13	X	20	Over Calibration Range	MECL

Approved: November 29, 2006

KEMRON Environmental Services

Instrument Run Log

00092677

Instrument: HPMS8 Dataset: 112806

Analyst1: CMS Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16849

Internal Standard: STD16213 Surrogate Standard: STD16507

CCV: STD16504 LCS: STD16525 MS/MSD: STD16525

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG228326

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 8M332379				
14	X		Carry-over contamination	
File ID: 8M332380				
	DNR			
16	X		Carry-over contamination	
File ID: 8M332382				
	DNR			
17	X		Carry-over contamination	
File ID: 8M332383				
	DNR			

Approved: November 29, 2006

00092678

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 112906

Analyst1: CMS Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16890

Internal Standard: STD16213 Surrogate Standard: STD16507

CCV: STD16504;STD16179 LCS: STD16525;STD16180 MS/MSD: STD16525

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG228430

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M332393	WG228429-01 50ng BFB STD 8260	NA	1	1	STD16160	11/29/06 07:46
2	8M332394	WG228429-02 50ug/L STD 8260	NA	1	1	STD16504	11/29/06 08:15
3	8M332395	WG228429-03 100ug/L A9-FOO-BD STD 8	NA	1	1	STD16179	11/29/06 08:49
4	8M332396	WG228430-01 VBLK1129 BLANK 8260	NA	1	1		11/29/06 09:19
5	8M332397	WG228430-01 VBLK1129 BLANK 8260	NA	1	1		11/29/06 09:52
6	8M332398	WG228430-06 100ug/L LCS STD 8260	NA	1	1	STD16180	11/29/06 10:22
7	8M332399	WG228430-02 20ug/L LCS STD 8260	NA	1	1	STD16525	11/29/06 10:52
8	8M332400	L0611537-01 B 20X 826-LOW D1	<2	1	20		11/29/06 11:23
9	8M332401	L0611466-05 A 826-SPE	<2	1	1		11/29/06 11:54
10	8M332402	L0611507-04 A 826-SPE/826-LS	<2	1	1		11/29/06 12:24
11	8M332403	L0611537-02 B 826-LOW	<2	1	1		11/29/06 12:54
12	8M332404	L0611378-07 B 10X 826-A9-SPE	=2.2	1	10		11/29/06 13:25
13	8M332405	WG228430-07 L0611496-01 A 826-SPE	<2	1	1		11/29/06 13:55
14	8M332406	WG228430-08 L0611496-02 MS A 826-SP	<2	1	1	STD16525	11/29/06 14:25
15	8M332407	WG228430-09 L0611496-03 MSD A 826-S	<2	1	1	STD16525	11/29/06 14:55
16	8M332408	WG228430-10 FBLK1102 FLUID BLK	NA	1	1		11/29/06 15:25
17	8M332409	L0611507-03 A 826-SPE/826-LS	=7	1	1		11/29/06 15:55
18	8M332410	L0611523-04 A 826-SPE/826-LS	<2	1	1		11/29/06 16:25
19	8M332411	L0611466-01 A 5X 826-SPE/826-LS	<2	1	5		11/29/06 16:55
20	8M332412	L0611466-03 A 10X 826-SPE/826-LS	<2	1	10		11/29/06 17:25
21	8M332413	L0611466-04 A 20X 826-SPE/826-LS	<2	1	20		11/29/06 17:56
22	8M332414	L0611507-01 A 20X 826-SPE/826-LS	<2	1	20		11/29/06 18:26
23	8M332415	L0611523-01 A 500X 826-SPE/826-LS	=2.5	1	500		11/29/06 18:56
24	8M332416	L0611523-02 A 5X 826-SPE/826-LS	=2.2	1	5		11/29/06 19:26
25	8M332417	SYSTEM BLANK	NA	1	1		11/29/06 19:56

Comments

Seq.	Rerun	Dil.	Reason	Analytes
3				
File ID: 8M332395				
			renamed WG228649-01 for A9/FOO	
4	X		Carry-over contamination	

Approved: December 01, 2006

KEMRON Environmental Services

Instrument Run Log

00092679

Instrument: HPMS8 Dataset: 112906

Analyst1: CMS Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16890

Internal Standard: STD16213 Surrogate Standard: STD16507

CCV: STD16504;STD16179 LCS: STD16525;STD16180 MS/MSD: STD16525

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG228430

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 8M332396				
	DNR			
20	X	100	Over Calibration Range	CB
File ID: 8M332412				
24	X	50	Over Calibration Range	CB
File ID: 8M332416				

Approved: December 01, 2006

KEMRON Environmental Services

Instrument Run Log

00092680

Instrument: HPMS6 Dataset: 112906
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16879

Internal Standard: STD16289 Surrogate Standard: STD126354
CCV: STD16437 LCS: STD16525 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG228433

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M62269	WG228431-01 50ng BFB STD 8260	NA	1	1	STD16160	11/29/06 07:46
2	6M62270	WG228431-01 50ng BFB STD 8260	NA	1	1	STD16160	11/29/06 08:01
3	6M62271	WG228431-02 50ug/L STD 8260	NA	1	1	STD16437	11/29/06 08:33
4	6M62272	WG228433-01 VBLK1129 BLANK 8260	NA	1	1		11/29/06 09:05
5	6M62273	WG228433-02 20ug/L LCS STD 8260	NA	1	1	STD16525	11/29/06 09:38
6	6M62274	WG228433-03 20ug/L LCSDUP STD 8260	NA	1	1	STD16525	11/29/06 10:10
7	6M62275	L0611436-07 B 500X 826-SPE D1	=2.2	1	500		11/29/06 10:43
8	6M62276	L0611479-08 A 826-SPE	<2	1	1		11/29/06 11:16
9	6M62277	L0611404-06 B 826-SPE	<2	1	1		11/29/06 11:48
10	6M62278	L0611537-04 B 826-LOW	<2	1	1		11/29/06 12:20
11	6M62279	L0611537-05 B 826-LOW	<2	1	1		11/29/06 12:53
12	6M62280	L0611306-01 B 200X 826-SPE1	<2	1	200		11/29/06 13:25
13	6M62281	L0611306-02 B 10X 826-SPE1	<2	1	10		11/29/06 13:58
14	6M62282	L0611306-03 B 826-SPE1	<2	1	1		11/29/06 14:30
15	6M62283	L0611306-04 B 826-SPE1	<2	1	1		11/29/06 15:02
16	6M62284	L0611306-05 B 826-SPE1	<2	1	1		11/29/06 15:35
17	6M62285	L0611306-06 B 826-SPE1	<2	1	1		11/29/06 16:07
18	6M62286	L0611306-08 B 826-SPE1	<2	1	1		11/29/06 16:40
19	6M62287	L0611306-07 B 826-SPE1	<2	1	1		11/29/06 17:12
20	6M62288	L0611479-01 A 826-SPE	=7	1	1		11/29/06 17:45
21	6M62289	L0611479-03 A 826-SPE	=7	1	1		11/29/06 18:17
22	6M62290	L0611479-05 A 826-SPE	=7	1	1		11/29/06 18:50
23	6M62291	L0611479-07 A 826-SPE	=7	1	1		11/29/06 19:23
24	6M62292	L0611470-02 A 10X 826-TC	NA	17	10		11/29/06 19:55
25	6M62293	SYSTEM CHK	NA	1	1		11/29/06 20:28
26	6M62294	SYSTEM CHK	NA	1	1		11/29/06 21:00

Comments

Seq.	Rerun	Dil.	Reason	Analytes
1	X			

File ID: 6M62269

Approved: November 30, 2006

KEMRON Environmental Services

Instrument Run Log

00092681

Instrument: HPMS6 Dataset: 112906

Analyst1: CMS Analyst2: NA

Method: 8260B SOP: MSV01 Rev: 10

Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 16879

Internal Standard: STD16289 Surrogate Standard: STD126354

CCV: STD16437 LCS: STD16525 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG228433

Comments

Seq.	Rerun	Dil.	Reason	Analytes
			Tune failed/DNR	

Approved: November 30, 2006

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092682

Analytical Method: 8260B AAB#: WG228433

Login Number: L0611537

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
LAP-29WW38-2ND	11/20/06	11/22/06	11/29/06	14	8.91	11/29/06	14	8.91	
LAP-29WW39-2ND	11/20/06	11/22/06	11/29/06	14	8.97	11/29/06	14	8.97	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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Version 1.5 PDF File ID: 637628
Report generated 12/01/2006 16:00

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092683

Analytical Method: 8260B AAB#: WG228430

Login Number: L0611537

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
LAP-29WW35-2ND	11/20/06	11/22/06	11/29/06	14	8.83	11/29/06	14	8.83	
LAP-29WW36-2ND	11/17/06	11/22/06	11/29/06	14	12.0	11/29/06	14	12.0	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

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Version 1.5 PDF File ID: 637628
Report generated 12/01/2006 16:00

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

00092684

Analytical Method: 8260B AAB#: WG228326
Login Number: L0611537

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
LAP-29WW40-2ND DUP	11/21/06	11/22/06	11/28/06	14	7.09	11/28/06	14	7.09	
LAP-29WW40-2ND	11/21/06	11/22/06	11/28/06	14	7.03	11/28/06	14	7.03	
TRIP BLANK	11/21/06	11/22/06	11/28/06	14	7.42	11/28/06	14	7.42	
LAP-29WW40-2ND MS	11/21/06	11/22/06	11/28/06	14	7.05	11/28/06	14	7.05	
LAP-29WW40-2ND MSD	11/21/06	11/22/06	11/28/06	14	7.07	11/28/06	14	7.07	
LAP-29WW35-2ND	11/20/06	11/22/06	11/28/06	14	7.88	11/28/06	14	7.88	
LAP-29WW37-2ND	11/17/06	11/22/06	11/28/06	14	11.1	11/28/06	14	11.1	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 637628
Report generated 12/01/2006 16:00

SURROGATE STANDARDS

00092685

Login Number: L0611537
Instrument Id: HPMS6
Workgroup (AAB#): WG228433

Method: 8260
CAL ID: HPMS6-20-NOV-06
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0611537-04	1.00	02	88.0	95.6	95.2	99.8
L0611537-05	1.00	02	89.5	95.4	96.1	99.4
WG228433-01	1.00	01	82.5	91.9	92.7	98.6
WG228433-02	1.00	01	85.7	94.6	92.5	98.5
WG228433-03	1.00	01	85.1	93.7	93.4	99.0

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

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Version 1.5 PDF File ID: 637637
Report generated 12/01/2006 16:01

KEMRON Environmental Services

SURROGATE STANDARDS

00092686

Login Number:L0611537
Instrument Id:HPMS8
Workgroup (AAB#):WG228326

Method:8260
CAL ID: HPMS8-03-NOV-06
Matrix:Water

Sample Number	Dilution	Tag	1	2	3	4
L0611537-01	1.00	01	99.5	95.7	92.6	96.0
L0611537-03	1.00	01	103	96.3	93.4	96.0
L0611537-06	1.00	01	105	96.3	91.4	95.5
L0611537-07	1.00	01	99.7	95.0	93.2	97.0
L0611537-08	1.00	01	102	96.3	90.6	95.0
L0611537-09	1.00	01	101	96.8	90.0	94.3
L0611537-10	1.00	01	102	96.3	92.8	96.8
WG228326-01	1.00	01	102	96.6	93.6	96.5
WG228326-02	1.00	01	101	95.5	93.1	94.2

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

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SURROGATE STANDARDS

00092687

Login Number: L0611537
Instrument Id: HPMS8
Workgroup (AAB#): WG228430

Method: 8260
CAL ID: HPMS8-03-NOV-06
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0611537-01	20.0	DL01	100	93.7	95.4	96.3
L0611537-02	1.00	02	104	96.0	96.6	98.2
WG228430-01	1.00	01	102	94.8	94.6	97.2
WG228430-02	1.00	01	99.3	95.2	94.8	95.6
WG228430-06	1.00	01	102	96.4	95.9	98.4
WG228430-10	1.00	01	97.8	92.1	96.2	97.2

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out
ND = surrogate not detected

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METHOD BLANK SUMMARY

00092688

Login Number: L0611537
Work Group: WG228326
Blank File ID: 8M332370
Blank Sample ID: WG228326-01
Date Analyzed: 11/28/06
Instrument ID: HPMS8
Time Analyzed: 07:59
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG228326-02	8M332371	11/28/06 08:30	01
TRIP BLANK	L0611537-10	8M332374	11/28/06 10:02	01
LAP-29WW40-2ND	L0611537-06	8M332375	11/28/06 10:31	01
LAP-29WW40-2ND MS	L0611537-08	8M332376	11/28/06 11:02	01
LAP-29WW40-2ND MSD	L0611537-09	8M332377	11/28/06 11:32	01
LAP-29WW40-2ND DUP	L0611537-07	8M332378	11/28/06 12:03	01
LAP-29WW35-2ND	L0611537-01	8M332379	11/28/06 12:33	01
LAP-29WW37-2ND	L0611537-03	8M332381	11/28/06 13:33	01

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Report generated 12/01/2006 16:00

KEMRON Environmental Services

00092689

METHOD BLANK SUMMARY

Login Number: L0611537
Work Group: WG228430
Blank File ID: 8M332397
Blank Sample ID: WG228430-01
Date Analyzed: 11/29/06
Instrument ID: HPMS8
Time Analyzed: 09:52
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG228430-06	8M332398	11/29/06 10:22	01
LCS	WG228430-02	8M332399	11/29/06 10:52	01
LAP-29WW35-2ND	L0611537-01	8M332400	11/29/06 11:23	DL01
LAP-29WW36-2ND	L0611537-02	8M332403	11/29/06 12:54	02
FBLK	WG228430-10	8M332408	11/29/06 15:25	01

KEMRON FORMS - Modified 03/06/2006
Version 1.5 PDF File ID: 637629
Report generated 12/01/2006 16:00

METHOD BLANK SUMMARY

00092690

Login Number: L0611537
Work Group: WG228433
Blank File ID: 6M62272
Blank Sample ID: WG228433-01
Date Analyzed: 11/29/06
Instrument ID: HPMS6
Time Analyzed: 09:05
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG228433-02	6M62273	11/29/06 09:38	01
LCS2	WG228433-03	6M62274	11/29/06 10:10	01
LAP-29WW38-2ND	L0611537-04	6M62278	11/29/06 12:20	02
LAP-29WW39-2ND	L0611537-05	6M62279	11/29/06 12:53	02

KEMRON Environmental Services

METHOD BLANK REPORT

00092691

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228433-01
Instrument ID: HPMS6 Run Time: 09:05 Prep Method: 5030B
File ID: 6M62272 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228433 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-20-NOV-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.250	1	U

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KEMRON Environmental Services

METHOD BLANK REPORT

00092692

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228433-01
Instrument ID: HPMS6 Run Time: 09:05 Prep Method: 5030B
File ID: 6M62272 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228433 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-20-NOV-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Naphthalene	0.200	1.00	0.218	1	J
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.211	1	J
1,2,4-Trichlorobenzene	0.200	1.00	0.200	1	U
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	91.9	86 - 118	PASS
1,2-Dichloroethane-d4	82.5	80 - 120	PASS
Toluene-d8	98.6	88 - 110	PASS
4-Bromofluorobenzene	92.7	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

METHOD BLANK REPORT

00092693

Login Number: L0611537 Run Date: 11/28/2006 Sample ID: WG228326-01
Instrument ID: HPMS8 Run Time: 07:59 Prep Method: 5030B
File ID: 8M332370 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228326 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-03-NOV-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.250	1	U

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KEMRON Environmental Services

METHOD BLANK REPORT

00092694

Login Number: L0611537 Run Date: 11/28/2006 Sample ID: WG228326-01
Instrument ID: HPMS8 Run Time: 07:59 Prep Method: 5030B
File ID: 8M332370 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228326 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-03-NOV-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Naphthalene	0.200	1.00	0.200	1	U
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.125	1	U
1,2,4-Trichlorobenzene	0.200	1.00	0.200	1	U
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	96.6	86 - 118	PASS
1,2-Dichloroethane-d4	102	80 - 120	PASS
Toluene-d8	96.5	88 - 110	PASS
4-Bromofluorobenzene	93.6	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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Report generated 12/01/2006 16:01

KEMRON Environmental Services

METHOD BLANK REPORT

00092695

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228430-01
Instrument ID: HPMS8 Run Time: 09:52 Prep Method: 5030B
File ID: 8M332397 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228430 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-03-NOV-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromobenzene	0.125	1.00	0.125	1	U
Bromochloromethane	0.200	1.00	0.200	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	10.0	2.50	1	U
n-Butylbenzene	0.250	1.00	0.250	1	U
sec-Butylbenzene	0.250	1.00	0.250	1	U
tert-Butylbenzene	0.250	1.00	0.250	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
2-Chloroethyl vinyl ether	2.00	10.0	2.00	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
2-Chlorotoluene	0.125	1.00	0.125	1	U
4-Chlorotoluene	0.250	1.00	0.250	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	1.00	0.250	1	U
Dibromomethane	0.250	1.00	0.250	1	U
1,2-Dichlorobenzene	0.125	1.00	0.125	1	U
1,3-Dichlorobenzene	0.250	1.00	0.250	1	U
1,4-Dichlorobenzene	0.125	1.00	0.125	1	U
Dichlorodifluoromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
1,3-Dichloropropane	0.200	1.00	0.200	1	U
2,2-Dichloropropane	0.250	1.00	0.250	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
1,1-Dichloropropene	0.250	1.00	0.250	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	10.0	2.50	1	U
Hexachlorobutadiene	0.250	1.00	0.250	1	U

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KEMRON Environmental Services

METHOD BLANK REPORT

00092696

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228430-01
Instrument ID: HPMS8 Run Time: 09:52 Prep Method: 5030B
File ID: 8M332397 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228430 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-03-NOV-06

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Isopropylbenzene	0.250	1.00	0.250	1	U
p-Isopropyltoluene	0.250	1.00	0.250	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Naphthalene	0.200	1.00	0.200	1	U
n-Propylbenzene	0.125	1.00	0.125	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,1,2-Tetrachloroethane	0.250	1.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,2,3-Trichlorobenzene	0.125	1.00	0.125	1	U
1,2,4-Trichlorobenzene	0.200	1.00	0.200	1	U
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Trichlorofluoromethane	0.250	1.00	0.250	1	U
1,2,3-Trichloropropane	0.500	1.00	0.500	1	U
1,2,4-Trimethylbenzene	0.250	1.00	0.250	1	U
1,3,5-Trimethylbenzene	0.250	1.00	0.250	1	U
Vinyl acetate	2.50	10.0	2.50	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	94.8	86 - 118	PASS
1,2-Dichloroethane-d4	102	80 - 120	PASS
Toluene-d8	97.2	88 - 110	PASS
4-Bromofluorobenzene	94.6	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit

* Analyte concentration > RL

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092697

Login Number: L0611537 Run Date: 11/28/2006 Sample ID: WG228326-02
Instrument ID: HPMS8 Run Time: 08:30 Prep Method: 5030B
File ID: 8M332371 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228326 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-03-NOV-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	25.1	125	40 - 142	
Benzene	20.0	19.8	99.2	80 - 121	
Bromobenzene	20.0	19.4	97.0	80 - 120	
Bromochloromethane	20.0	21.0	105	65 - 130	
Bromodichloromethane	20.0	23.5	118	80 - 131	
Bromoform	20.0	20.5	102	70 - 130	
Bromomethane	20.0	19.2	96.2	30 - 145	
2-Butanone	20.0	21.4	107	30 - 150	
n-Butylbenzene	20.0	19.7	98.3	80 - 131	
sec-Butylbenzene	20.0	19.6	97.8	80 - 127	
tert-Butylbenzene	20.0	18.8	93.8	80 - 126	
Carbon disulfide	20.0	21.1	106	58 - 138	
Carbon tetrachloride	20.0	23.8	119	65 - 140	
Chlorobenzene	20.0	19.8	99.0	80 - 120	
Chlorodibromomethane	20.0	21.9	110	60 - 135	
Chloroethane	20.0	18.2	91.0	60 - 135	
2-Chloroethyl vinyl ether	20.0	17.4	86.8	58 - 151	
Chloroform	20.0	21.6	108	80 - 125	
Chloromethane	20.0	23.4	117	40 - 125	
2-Chlorotoluene	20.0	19.2	96.0	80 - 127	
4-Chlorotoluene	20.0	20.5	103	80 - 126	
1,2-Dibromo-3-chloropropane	20.0	19.4	97.0	50 - 130	
1,2-Dibromoethane	20.0	19.9	99.7	80 - 125	
Dibromomethane	20.0	21.5	108	75 - 125	
1,2-Dichlorobenzene	20.0	18.7	93.4	80 - 125	
1,3-Dichlorobenzene	20.0	19.2	96.2	80 - 120	
1,4-Dichlorobenzene	20.0	18.6	92.8	80 - 120	
Dichlorodifluoromethane	20.0	19.7	98.3	50 - 133	
1,1-Dichloroethane	20.0	20.3	101	80 - 125	
1,2-Dichloroethane	20.0	23.1	116	80 - 129	
1,1-Dichloroethene	20.0	22.3	111	80 - 132	
cis-1,2-Dichloroethene	20.0	19.6	98.0	70 - 125	
trans-1,2-Dichloroethene	20.0	20.6	103	80 - 127	
1,2-Dichloropropane	20.0	19.5	97.4	80 - 120	
1,3-Dichloropropane	20.0	20.0	100	80 - 120	
2,2-Dichloropropane	20.0	24.1	121	80 - 133	
cis-1,3-Dichloropropene	20.0	21.3	107	70 - 130	
trans-1,3-Dichloropropene	20.0	19.1	95.6	80 - 130	
1,1-Dichloropropene	20.0	21.7	108	75 - 130	
Ethylbenzene	20.0	19.8	98.8	80 - 122	
2-Hexanone	20.0	18.1	90.3	55 - 130	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092698

Login Number: L0611537 Run Date: 11/28/2006 Sample ID: WG228326-02
Instrument ID: HPMS8 Run Time: 08:30 Prep Method: 5030B
File ID: 8M332371 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228326 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-03-NOV-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	21.1	106	72 - 132	
Isopropylbenzene	20.0	19.0	95.0	80 - 122	
p-Isopropyltoluene	20.0	19.4	96.9	80 - 122	
4-Methyl-2-pentanone	20.0	20.4	102	64 - 140	
Methylene chloride	20.0	18.4	92.0	80 - 123	
Naphthalene	20.0	18.0	89.8	59 - 149	
n-Propylbenzene	20.0	19.8	99.1	80 - 129	
Styrene	20.0	20.8	104	80 - 123	
1,1,1,2-Tetrachloroethane	20.0	21.3	107	80 - 130	
1,1,2,2-Tetrachloroethane	20.0	17.3	86.5	79 - 125	
Tetrachloroethene	20.0	20.4	102	80 - 124	
Toluene	20.0	19.5	97.7	80 - 124	
1,2,3-Trichlorobenzene	20.0	17.7	88.4	55 - 140	
1,2,4-Trichlorobenzene	20.0	18.6	93.1	65 - 135	
1,1,1-Trichloroethane	20.0	23.8	119	80 - 134	
1,1,2-Trichloroethane	20.0	20.3	101	80 - 125	
Trichloroethene	20.0	20.7	103	80 - 122	
Trichlorofluoromethane	20.0	21.6	108	62 - 151	
1,2,3-Trichloropropane	20.0	19.1	95.5	75 - 125	
1,2,4-Trimethylbenzene	20.0	19.7	98.6	80 - 125	
1,3,5-Trimethylbenzene	20.0	20.1	101	80 - 127	
Vinyl acetate	20.0	21.5	107	10 - 150	
Vinyl chloride	20.0	22.8	114	65 - 140	
o-Xylene	20.0	19.6	97.8	80 - 122	
m-,p-Xylene	40.0	40.2	100	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	95.5	86 - 118	PASS
1,2-Dichloroethane-d4	101	80 - 120	PASS
Toluene-d8	94.2	88 - 110	PASS
4-Bromofluorobenzene	93.1	86 - 115	PASS

* FAILS %REC LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092699

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228430-02
Instrument ID: HPMS8 Run Time: 10:52 Prep Method: 5030B
File ID: 8M332399 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228430 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-03-NOV-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	23.2	116	40 - 142	
Benzene	20.0	20.2	101	80 - 121	
Bromobenzene	20.0	20.9	105	80 - 120	
Bromochloromethane	20.0	21.1	106	65 - 130	
Bromodichloromethane	20.0	24.2	121	80 - 131	
Bromoform	20.0	21.9	110	70 - 130	
Bromomethane	20.0	19.7	98.3	30 - 145	
2-Butanone	20.0	20.9	104	30 - 150	
n-Butylbenzene	20.0	21.1	106	80 - 131	
sec-Butylbenzene	20.0	21.0	105	80 - 127	
tert-Butylbenzene	20.0	19.9	99.7	80 - 126	
Carbon disulfide	20.0	20.3	102	58 - 138	
Carbon tetrachloride	20.0	25.0	125	65 - 140	
Chlorobenzene	20.0	21.3	106	80 - 120	
Chlorodibromomethane	20.0	23.7	118	60 - 135	
Chloroethane	20.0	18.3	91.4	60 - 135	
2-Chloroethyl vinyl ether	20.0	17.7	88.6	58 - 151	
Chloroform	20.0	22.6	113	80 - 125	
Chloromethane	20.0	25.1	126	40 - 125	*
2-Chlorotoluene	20.0	20.6	103	80 - 127	
4-Chlorotoluene	20.0	20.7	104	80 - 126	
1,2-Dibromo-3-chloropropane	20.0	19.9	99.3	50 - 130	
1,2-Dibromoethane	20.0	21.1	105	80 - 125	
Dibromomethane	20.0	22.7	113	75 - 125	
1,2-Dichlorobenzene	20.0	20.0	100	80 - 125	
1,3-Dichlorobenzene	20.0	20.7	104	80 - 120	
1,4-Dichlorobenzene	20.0	20.0	99.8	80 - 120	
Dichlorodifluoromethane	20.0	19.3	96.5	50 - 133	
1,1-Dichloroethane	20.0	21.2	106	80 - 125	
1,2-Dichloroethane	20.0	24.6	123	80 - 129	
1,1-Dichloroethene	20.0	22.7	114	80 - 132	
cis-1,2-Dichloroethene	20.0	20.8	104	70 - 125	
trans-1,2-Dichloroethene	20.0	20.9	105	80 - 127	
1,2-Dichloropropane	20.0	20.2	101	80 - 120	
1,3-Dichloropropane	20.0	20.9	104	80 - 120	
2,2-Dichloropropane	20.0	25.1	125	80 - 133	
cis-1,3-Dichloropropene	20.0	21.9	110	70 - 130	
trans-1,3-Dichloropropene	20.0	20.3	102	80 - 130	
1,1-Dichloropropene	20.0	22.5	112	75 - 130	
Ethylbenzene	20.0	20.7	104	80 - 122	
2-Hexanone	20.0	18.4	91.9	55 - 130	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092700

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228430-02
Instrument ID: HPMS8 Run Time: 10:52 Prep Method: 5030B
File ID: 8M332399 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG228430 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-03-NOV-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	22.5	113	72 - 132	
Isopropylbenzene	20.0	20.2	101	80 - 122	
p-Isopropyltoluene	20.0	20.9	105	80 - 122	
4-Methyl-2-pentanone	20.0	19.2	95.9	64 - 140	
Methylene chloride	20.0	19.2	96.0	80 - 123	
Naphthalene	20.0	18.6	92.9	59 - 149	
n-Propylbenzene	20.0	21.4	107	80 - 129	
Styrene	20.0	22.1	110	80 - 123	
1,1,1,2-Tetrachloroethane	20.0	23.2	116	80 - 130	
1,1,2,2-Tetrachloroethane	20.0	18.7	93.5	79 - 125	
Tetrachloroethene	20.0	21.9	110	80 - 124	
Toluene	20.0	20.9	104	80 - 124	
1,2,3-Trichlorobenzene	20.0	18.5	92.6	55 - 140	
1,2,4-Trichlorobenzene	20.0	19.4	97.0	65 - 135	
1,1,1-Trichloroethane	20.0	24.7	123	80 - 134	
1,1,2-Trichloroethane	20.0	21.2	106	80 - 125	
Trichloroethene	20.0	21.4	107	80 - 122	
Trichlorofluoromethane	20.0	22.3	112	62 - 151	
1,2,3-Trichloropropane	20.0	20.7	103	75 - 125	
1,2,4-Trimethylbenzene	20.0	21.4	107	80 - 125	
1,3,5-Trimethylbenzene	20.0	21.7	109	80 - 127	
Vinyl acetate	20.0	20.1	101	10 - 150	
Vinyl chloride	20.0	23.4	117	65 - 140	
o-Xylene	20.0	20.9	104	80 - 122	
m-,p-Xylene	40.0	42.8	107	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	95.2	86 - 118	PASS
1,2-Dichloroethane-d4	99.3	80 - 120	PASS
Toluene-d8	95.6	88 - 110	PASS
4-Bromofluorobenzene	94.8	86 - 115	PASS

* FAILS %REC LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092701

Login Number:L0611537 Analyst:CMS Prep Method:5030B
Instrument ID:HPMS6 Matrix:Water Method:8260B
Workgroup (AAB#):WG228433 Units:ug/L
Sample ID:WG228433-02 LCS File ID:6M62273 Run Date:11/29/2006 09:38
Sample ID:WG228433-03 LCS2 File ID:6M62274 Run Date:11/29/2006 10:10

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Acetone	20.0	21.1	105	20.0	21.6	108	2.67	40 - 142	20	
Benzene	20.0	20.4	102	20.0	20.8	104	2.25	80 - 121	20	
Bromobenzene	20.0	20.0	100	20.0	20.6	103	2.70	80 - 120	20	
Bromochloromethane	20.0	21.0	105	20.0	21.3	106	1.39	65 - 130	20	
Bromodichloromethane	20.0	20.9	105	20.0	21.6	108	3.01	80 - 131	20	
Bromoform	20.0	20.5	103	20.0	21.0	105	2.43	70 - 130	20	
Bromomethane	20.0	16.1	80.4	20.0	17.1	85.7	6.36	30 - 145	20	
2-Butanone	20.0	21.5	107	20.0	21.8	109	1.35	30 - 150	20	
n-Butylbenzene	20.0	20.6	103	20.0	21.5	107	4.20	80 - 131	20	
sec-Butylbenzene	20.0	20.4	102	20.0	21.4	107	4.71	80 - 127	20	
tert-Butylbenzene	20.0	20.5	102	20.0	21.4	107	4.47	80 - 126	20	
Carbon disulfide	20.0	19.9	99.4	20.0	20.7	104	4.28	58 - 138	20	
Carbon tetrachloride	20.0	20.6	103	20.0	21.5	108	4.55	65 - 140	20	
Chlorobenzene	20.0	20.1	100	20.0	20.9	104	4.02	80 - 120	20	
Chlorodibromomethane	20.0	21.2	106	20.0	21.7	108	2.38	60 - 135	20	
Chloroethane	20.0	18.5	92.3	20.0	18.8	93.8	1.62	60 - 135	20	
2-Chloroethyl vinyl ether	20.0	19.0	94.8	20.0	21.0	105	10.1	58 - 151	20	
Chloroform	20.0	19.7	98.7	20.0	20.1	100	1.68	80 - 125	20	
Chloromethane	20.0	17.6	87.8	20.0	18.3	91.3	3.98	40 - 125	20	
2-Chlorotoluene	20.0	19.2	96.0	20.0	20.4	102	5.92	80 - 127	20	
4-Chlorotoluene	20.0	20.0	99.9	20.0	20.5	103	2.62	80 - 126	20	
1,2-Dibromo-3-chloropropane	20.0	21.3	106	20.0	20.5	103	3.62	50 - 130	20	
1,2-Dibromoethane	20.0	20.5	103	20.0	21.3	106	3.63	80 - 125	20	
Dibromomethane	20.0	20.4	102	20.0	20.9	104	2.15	75 - 125	20	
1,2-Dichlorobenzene	20.0	19.9	99.6	20.0	20.5	103	3.02	80 - 125	20	
1,3-Dichlorobenzene	20.0	19.9	99.3	20.0	20.5	103	3.33	80 - 120	20	
1,4-Dichlorobenzene	20.0	19.6	98.0	20.0	20.6	103	4.93	80 - 120	20	
Dichlorodifluoromethane	20.0	16.6	83.1	20.0	17.3	86.7	4.18	50 - 133	20	
1,1-Dichloroethane	20.0	20.3	101	20.0	21.3	107	5.12	80 - 125	20	
1,2-Dichloroethane	20.0	19.7	98.3	20.0	19.9	99.4	1.15	80 - 129	20	
1,1-Dichloroethene	20.0	19.7	98.4	20.0	20.5	103	4.11	80 - 132	20	
cis-1,2-Dichloroethene	20.0	20.4	102	20.0	21.1	105	3.37	70 - 125	20	
trans-1,2-Dichloroethene	20.0	20.0	99.8	20.0	20.5	103	2.71	80 - 127	20	
1,2-Dichloropropane	20.0	20.5	103	20.0	21.0	105	2.05	80 - 120	20	
1,3-Dichloropropane	20.0	20.4	102	20.0	21.0	105	2.83	80 - 120	20	
2,2-Dichloropropane	20.0	21.1	105	20.0	21.6	108	2.58	80 - 133	20	
cis-1,3-Dichloropropene	20.0	21.3	106	20.0	21.4	107	0.569	70 - 130	20	
trans-1,3-Dichloropropene	20.0	19.4	97.0	20.0	19.9	99.3	2.33	80 - 130	20	
1,1-Dichloropropene	20.0	20.8	104	20.0	21.4	107	2.99	75 - 130	20	
Ethylbenzene	20.0	20.1	101	20.0	21.1	106	4.84	80 - 122	20	
2-Hexanone	20.0	18.6	92.8	20.0	18.9	94.4	1.75	55 - 130	20	
Hexachlorobutadiene	20.0	23.3	116	20.0	24.5	122	5.03	72 - 132	20	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

00092702

Login Number:L0611537 Analyst:CMS Prep Method:5030B
Instrument ID:HPMS6 Matrix:Water Method:8260B
Workgroup (AAB#):WG228433 Units:ug/L
Sample ID:WG228433-02 LCS File ID:6M62273 Run Date:11/29/2006 09:38
Sample ID:WG228433-03 LCS2 File ID:6M62274 Run Date:11/29/2006 10:10

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Isopropylbenzene	20.0	18.4	92.1	20.0	19.6	97.8	5.94	80 - 122	20	
p-Isopropyltoluene	20.0	20.0	100	20.0	20.6	103	3.23	80 - 122	20	
4-Methyl-2-pentanone	20.0	20.7	104	20.0	20.7	103	0.202	64 - 140	20	
Methylene chloride	20.0	19.0	94.9	20.0	19.1	95.5	0.655	80 - 123	20	
Naphthalene	20.0	21.9	110	20.0	22.3	111	1.42	59 - 149	20	
n-Propylbenzene	20.0	20.0	100	20.0	20.8	104	3.76	80 - 129	20	
Styrene	20.0	20.7	103	20.0	21.4	107	3.24	80 - 123	20	
1,1,1,2-Tetrachloroethane	20.0	20.5	102	20.0	21.4	107	4.62	80 - 130	20	
1,1,2,2-Tetrachloroethane	20.0	20.3	101	20.0	20.6	103	1.70	79 - 125	20	
Tetrachloroethene	20.0	20.4	102	20.0	21.1	106	3.74	80 - 124	20	
Toluene	20.0	19.8	98.8	20.0	20.6	103	4.02	80 - 124	20	
1,2,3-Trichlorobenzene	20.0	21.5	107	20.0	22.2	111	3.29	55 - 140	20	
1,2,4-Trichlorobenzene	20.0	21.1	106	20.0	21.8	109	3.24	65 - 135	20	
1,1,1-Trichloroethane	20.0	20.4	102	20.0	21.2	106	3.87	80 - 134	20	
1,1,2-Trichloroethane	20.0	21.5	107	20.0	21.9	109	2.06	80 - 125	20	
Trichloroethene	20.0	21.0	105	20.0	22.0	110	4.62	80 - 122	20	
Trichlorofluoromethane	20.0	17.1	85.6	20.0	17.7	88.5	3.40	62 - 151	20	
1,2,3-Trichloropropane	20.0	20.2	101	20.0	20.7	103	2.28	75 - 125	20	
1,2,4-Trimethylbenzene	20.0	19.7	98.5	20.0	20.4	102	3.28	80 - 125	20	
1,3,5-Trimethylbenzene	20.0	20.3	102	20.0	20.9	104	2.79	80 - 127	20	
Vinyl acetate	20.0	17.5	87.6	20.0	16.6	83.0	5.42	10 - 150	20	
Vinyl chloride	20.0	20.8	104	20.0	21.3	107	2.61	65 - 140	20	
o-Xylene	20.0	19.7	98.7	20.0	20.7	103	4.74	80 - 122	20	
m-,p-Xylene	40.0	39.4	98.5	40.0	41.7	104	5.75	80 - 122	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	94.6	93.7	86 - 118	PASS
1,2-Dichloroethane-d4	85.7	85.1	80 - 120	PASS
Toluene-d8	98.5	99.0	88 - 110	PASS
4-Bromofluorobenzene	92.5	93.4	86 - 115	PASS

* FAILS %REC LIMIT

\# FAILS RPD LIMIT

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KEMRON Environmental Services

MS/MSD REPORT

00092703

Loginnum:L0611537 Cal ID:HPMS8-03-NOV-06 Worknum:WG228326
Instrument ID:HPMS8 Contract #:DACA56-94-D-0020 Prep Method:5030B
Parent ID:L0611537-06 File ID:8M332375 Dil:1 Method:8260B
Sample ID:L0611537-08 MS File ID:8M332376 Dil:1 Matrix:Water
Sample ID:L0611537-09 MSD File ID:8M332377 Dil:1 Units:ug/L

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Acetone	ND	20.0	22.3	112	20.0	23.7	119	6.13	40 - 142	20	
Benzene	ND	20.0	21.0	105	20.0	20.8	104	1.38	80 - 121	20	
Bromobenzene	ND	20.0	20.7	103	20.0	20.1	100	2.98	80 - 120	20	
Bromochloromethane	ND	20.0	22.8	114	20.0	22.2	111	2.94	65 - 130	20	
Bromodichloromethane	ND	20.0	25.5	127	20.0	24.9	124	2.26	80 - 131	20	
Bromoform	ND	20.0	22.1	110	20.0	22.4	112	1.37	70 - 130	20	
Bromomethane	ND	20.0	20.5	102	20.0	20.3	102	0.698	30 - 145	20	
2-Butanone	ND	20.0	20.7	103	20.0	21.6	108	4.30	30 - 150	20	
n-Butylbenzene	ND	20.0	20.4	102	20.0	19.9	99.6	2.57	80 - 131	20	
sec-Butylbenzene	ND	20.0	20.4	102	20.0	19.9	99.5	2.42	80 - 127	20	
tert-Butylbenzene	ND	20.0	19.3	96.4	20.0	19.0	95.0	1.54	80 - 126	20	
Carbon disulfide	1.54	20.0	22.1	103	20.0	22.2	103	0.393	58 - 138	20	
Carbon tetrachloride	ND	20.0	25.2	126	20.0	24.6	123	2.50	65 - 140	20	
Chlorobenzene	ND	20.0	21.4	107	20.0	20.8	104	2.43	80 - 120	20	
Chlorodibromomethane	ND	20.0	23.5	118	20.0	23.3	116	1.18	60 - 135	20	
Chloroethane	ND	20.0	19.0	94.9	20.0	18.8	93.8	1.20	60 - 135	20	
2-Chloroethyl vinyl ether	ND	20.0	0	0	20.0	0	0	NA	58 - 151	20	*#
Chloroform	ND	20.0	23.6	118	20.0	22.6	113	4.13	80 - 125	20	
Chloromethane	ND	20.0	25.7	128	20.0	25.2	126	1.80	40 - 125	20	*
2-Chlorotoluene	ND	20.0	20.2	101	20.0	20.1	100	0.358	80 - 127	20	
4-Chlorotoluene	ND	20.0	22.0	110	20.0	20.6	103	6.54	80 - 126	20	
1,2-Dibromo-3-chloropropane	ND	20.0	20.6	103	20.0	20.3	102	1.63	50 - 130	20	
1,2-Dibromoethane	ND	20.0	21.6	108	20.0	21.6	108	0.111	80 - 125	20	
Dibromomethane	ND	20.0	24.3	121	20.0	23.2	116	4.52	75 - 125	20	
1,2-Dichlorobenzene	ND	20.0	19.8	99.1	20.0	19.3	96.5	2.67	80 - 125	20	
1,3-Dichlorobenzene	ND	20.0	20.2	101	20.0	19.7	98.5	2.78	80 - 120	20	
1,4-Dichlorobenzene	ND	20.0	19.5	97.7	20.0	19.1	95.6	2.09	80 - 120	20	
Dichlorodifluoromethane	ND	20.0	19.9	99.3	20.0	19.3	96.6	2.82	50 - 133	20	
1,1-Dichloroethane	ND	20.0	22.2	111	20.0	21.7	109	2.32	80 - 125	20	
1,2-Dichloroethane	ND	20.0	25.4	127	20.0	24.8	124	2.71	80 - 129	20	
1,1-Dichloroethene	ND	20.0	22.9	115	20.0	22.6	113	1.35	80 - 132	20	
cis-1,2-Dichloroethene	ND	20.0	21.5	108	20.0	23.4	117	8.52	70 - 125	20	
trans-1,2-Dichloroethene	ND	20.0	21.7	109	20.0	21.3	106	1.89	80 - 127	20	
1,2-Dichloropropane	ND	20.0	20.9	105	20.0	21.2	106	1.35	80 - 120	20	
1,3-Dichloropropane	ND	20.0	21.3	106	20.0	21.0	105	1.35	80 - 120	20	
2,2-Dichloropropane	ND	20.0	25.4	127	20.0	24.3	121	4.66	80 - 133	20	
cis-1,3-Dichloropropene	ND	20.0	23.0	115	20.0	22.4	112	2.54	70 - 130	20	
trans-1,3-Dichloropropene	ND	20.0	20.7	104	20.0	20.3	102	1.83	80 - 130	20	
1,1-Dichloropropene	ND	20.0	22.7	113	20.0	22.5	113	0.636	75 - 130	20	
Ethylbenzene	ND	20.0	21.0	105	20.0	20.6	103	2.13	80 - 122	20	
2-Hexanone	ND	20.0	17.8	88.9	20.0	18.7	93.6	5.14	55 - 130	20	

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KEMRON Environmental Services

MS/MSD REPORT

00092704

Loginnum:L0611537 Cal ID: HPMS8 03-NOV-06 Worknum:WG228326
Instrument ID:HPMS8 Contract #:DACA56-94-D-0020 Prep Method:5030B
Parent ID:L0611537-06 File ID:8M332375 Dil:1 Method:8260B
Sample ID:L0611537-08 MS File ID:8M332376 Dil:1 Matrix:Water
Sample ID:L0611537-09 MSD File ID:8M332377 Dil:1 Units:ug/L

Analyte	Parent	MS Spiked	MS Found	MS %Rec	MSD Spiked	MSD Found	MSD %Rec	%RPD	%Rec Limits	RPD Limit	Q
Hexachlorobutadiene	ND	20.0	23.3	116	20.0	24.2	121	4.14	72 - 132	20	
Isopropylbenzene	ND	20.0	20.0	100	20.0	19.6	98.2	1.94	80 - 122	20	
p-Isopropyltoluene	ND	20.0	20.3	101	20.0	19.7	98.5	2.97	80 - 122	20	
4-Methyl-2-pentanone	ND	20.0	19.1	95.4	20.0	19.6	98.0	2.76	64 - 140	20	
Methylene chloride	6.79	20.0	26.0	96.2	20.0	26.1	96.3	0.0933	80 - 123	20	
Naphthalene	ND	20.0	18.9	94.5	20.0	18.9	94.6	0.0870	59 - 149	20	
n-Propylbenzene	ND	20.0	20.7	103	20.0	20.0	100	3.12	80 - 129	20	
Styrene	ND	20.0	22.1	111	20.0	21.8	109	1.44	80 - 123	20	
1,1,1,2-Tetrachloroethane	ND	20.0	23.1	115	20.0	22.5	112	2.70	80 - 130	20	
1,1,2,2-Tetrachloroethane	ND	20.0	19.1	95.5	20.0	19.1	95.6	0.101	79 - 125	20	
Tetrachloroethene	ND	20.0	22.1	111	20.0	21.3	107	3.71	80 - 124	20	
Toluene	ND	20.0	21.0	105	20.0	20.4	102	3.16	80 - 124	20	
1,2,3-Trichlorobenzene	ND	20.0	18.6	93.2	20.0	18.0	90.2	3.25	55 - 140	20	
1,2,4-Trichlorobenzene	ND	20.0	19.2	96.0	20.0	19.0	95.0	1.08	65 - 135	20	
1,1,1-Trichloroethane	ND	20.0	25.0	125	20.0	24.0	120	4.45	80 - 134	20	
1,1,2-Trichloroethane	ND	20.0	22.0	110	20.0	21.6	108	1.77	80 - 125	20	
Trichloroethene	ND	20.0	21.8	109	20.0	21.6	108	0.931	80 - 122	20	
Trichlorofluoromethane	ND	20.0	22.4	112	20.0	21.6	108	3.56	62 - 151	20	
1,2,3-Trichloropropane	ND	20.0	20.7	104	20.0	20.2	101	2.58	75 - 125	20	
1,2,4-Trimethylbenzene	ND	20.0	21.0	105	20.0	20.3	102	3.53	80 - 125	20	
1,3,5-Trimethylbenzene	ND	20.0	21.3	106	20.0	20.5	103	3.44	80 - 127	20	
Vinyl acetate	ND	20.0	21.2	106	20.0	21.1	105	0.696	10 - 150	20	
Vinyl chloride	ND	20.0	24.0	120	20.0	23.1	115	3.98	65 - 140	20	
o-Xylene	ND	20.0	20.8	104	20.0	20.5	102	1.37	80 - 122	20	
m-,p-Xylene	ND	40.0	42.7	107	40.0	41.6	104	2.69	80 - 122	20	

* FAILS %REC LIMIT

FAILS RPD LIMIT

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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0611537
Instrument: HPMS8
Analyst: CMS
Workgroup: WG226781

Tune ID: WG226781-01
Run Date: 11/03/2006
Run Time: 15:36
File ID: 8M331741
Cal ID: HPMS8-03-NOV-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	21.2	36988	PASS
75.0	95.0	30.0	60.0	51.3	89610	PASS
95.0	95.0	100	100	100	174848	PASS
96.0	95.0	5.00	9.00	6.51	11374	PASS
173	174	0	2.00	0.228	313	PASS
174	95.0	50.0	100	78.4	137114	PASS
175	174	5.00	9.00	7.23	9912	PASS
176	174	95.0	101	95.6	131061	PASS
177	176	5.00	9.00	7.35	9635	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG226781-07	STD	01	11/03/2006 20:10	
WG226781-10	STD	01	11/03/2006 21:42	
WG226781-09	STD	01	11/03/2006 21:12	
WG226781-08	STD-CCV	01	11/03/2006 20:41	
WG226781-02	STD	01	11/03/2006 17:37	
WG226781-06	STD	01	11/03/2006 19:39	
WG226781-05	STD	01	11/03/2006 19:09	
WG226781-04	STD	01	11/03/2006 18:38	
WG226781-03	STD	01	11/03/2006 18:08	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 637633
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0611537 Tune ID: WG226812-01
Instrument: HPMS8 Run Date: 11/04/2006
Analyst: MES Run Time: 11:44
Workgroup: WG226812 File ID: 8M331758
Cal ID: HPMS8-03-NOV-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	19.5	32722	PASS
75.0	95.0	30.0	60.0	49.2	82509	PASS
95.0	95.0	100	100	100	167680	PASS
96.0	95.0	5.00	9.00	6.94	11645	PASS
173	174	0	2.00	0.573	732	PASS
174	95.0	50.0	100	76.2	127853	PASS
175	174	5.00	9.00	7.36	9404	PASS
176	174	95.0	101	97.3	124341	PASS
177	176	5.00	9.00	6.61	8222	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG226781-11	SSCV	01	11/04/2006 13:11	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 637633
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0611537
Instrument: HPMS6
Analyst: CMS
Workgroup: WG227929

Tune ID: WG227929-01
Run Date: 11/20/2006
Run Time: 09:10
File ID: 6M62037
Cal ID: HPMS6-20-NOV-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	16.9	15096	PASS
75.0	95.0	30.0	60.0	46.8	41874	PASS
95.0	95.0	100	100	100	89392	PASS
96.0	95.0	5.00	9.00	6.56	5867	PASS
173	174	0	2.00	0.431	308	PASS
174	95.0	50.0	100	80.0	71482	PASS
175	174	5.00	9.00	7.31	5227	PASS
176	174	95.0	101	97.6	69736	PASS
177	176	5.00	9.00	7.20	5018	PASS

This check relates to the following samples, MS, MSD:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG227929-12	SSCV	01	11/20/2006 17:01	
WG227929-11	STD	01	11/20/2006 14:29	
WG227929-10	STD	01	11/20/2006 13:57	
WG227929-09	STD	01	11/20/2006 13:24	
WG227929-08	STD-CCV	01	11/20/2006 12:52	
WG227929-02	STD	01	11/20/2006 09:38	
WG227929-06	STD	01	11/20/2006 11:47	
WG227929-05	STD	01	11/20/2006 11:15	
WG227929-04	STD	01	11/20/2006 10:43	
WG227929-03	STD	01	11/20/2006 10:10	
WG227929-07	STD	01	11/20/2006 12:19	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/26/2006
Version 1.3 PDF File ID: 637633
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0611537
Instrument: HPMS8
Analyst: CMS
Workgroup: WG228325

Tune ID: WG228325-01
Run Date: 11/28/2006
Run Time: 06:29
File ID: 8M332367
Cal ID: HPMS8 -03-NOV-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	21.6	24840	PASS
75.0	95.0	30.0	60.0	52.6	60432	PASS
95.0	95.0	100	100	100	114957	PASS
96.0	95.0	5.00	9.00	6.91	7949	PASS
173	174	0	2.00	0.322	272	PASS
174	95.0	50.0	100	73.6	84562	PASS
175	174	5.00	9.00	7.44	6290	PASS
176	174	95.0	101	99.5	84181	PASS
177	176	5.00	9.00	6.25	5264	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG228325-02	CCV	11/28/2006 06:56	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG228326-01	BLANK	01	11/28/2006 07:59	
WG228326-02	LCS	01	11/28/2006 08:30	
L0611537-10	TRIP BLANK	01	11/28/2006 10:02	
L0611537-06	LAP-29WW40-2ND	01	11/28/2006 10:31	
L0611537-08	LAP-29WW40-2ND MS	01	11/28/2006 11:02	
L0611537-09	LAP-29WW40-2ND MSD	01	11/28/2006 11:32	
L0611537-07	LAP-29WW40-2ND DUP	01	11/28/2006 12:03	
L0611537-01	LAP-29WW35-2ND	01	11/28/2006 12:33	
L0611537-03	LAP-29WW37-2ND	01	11/28/2006 13:33	

*** Sample past 12 hour tune limit**

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0611537
Instrument: HPMS8
Analyst: CMS
Workgroup: WG228429

Tune ID: WG228429-01
Run Date: 11/29/2006
Run Time: 07:46
File ID: 8M332393
Cal ID: HPMS8 -03-NOV-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	21.6	23390	PASS
75.0	95.0	30.0	60.0	52.6	57074	PASS
95.0	95.0	100	100	100	108498	PASS
96.0	95.0	5.00	9.00	7.04	7641	PASS
173	174	0	2.00	0.283	243	PASS
174	95.0	50.0	100	79.1	85874	PASS
175	174	5.00	9.00	7.54	6471	PASS
176	174	95.0	101	96.5	82837	PASS
177	176	5.00	9.00	6.67	5529	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG228429-02	CCV	11/29/2006 08:15	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG228430-01	BLANK	01	11/29/2006 09:52	
WG228430-06	LCS	01	11/29/2006 10:22	
WG228430-02	LCS	01	11/29/2006 10:52	
L0611537-01	LAP-29WW35-2ND	DL01	11/29/2006 11:23	
L0611537-02	LAP-29WW36-2ND	02	11/29/2006 12:54	
WG228430-10	FBLK	01	11/29/2006 15:25	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 637634
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0611537
Instrument: HPMS6
Analyst: CMS
Workgroup: WG228431

Tune ID: WG228431-01
Run Date: 11/29/2006
Run Time: 08:01
File ID: 6M62270
Cal ID: HPMS6 -20-NOV-06

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.0	7216	PASS
75.0	95.0	30.0	60.0	44.5	17902	PASS
95.0	95.0	100	100	100	40189	PASS
96.0	95.0	5.00	9.00	6.99	2809	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	84.2	33829	PASS
175	174	5.00	9.00	7.17	2424	PASS
176	174	95.0	101	101	34024	PASS
177	176	5.00	9.00	7.29	2480	PASS

This check relates to the following CCV:

Lab ID	Client ID	Date Analyzed	
WG228431-02	CCV	11/29/2006 08:33	

This check relates to the following samples & batch QC:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG228433-01	BLANK	01	11/29/2006 09:05	
WG228433-02	LCS	01	11/29/2006 09:38	
WG228433-03	LCS2	01	11/29/2006 10:10	
L0611537-04	LAP-29WW38-2ND	02	11/29/2006 12:20	
L0611537-05	LAP-29WW39-2ND	02	11/29/2006 12:53	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 07/27/2006
Version 1.3 PDF File ID: 637634
Report generated 12/01/2006 16:01

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092711

Login Number: L0611537 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 20-NOV-06 14:29

ICAL Workgroup: WG227929 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,1-Dichloroethene	CCC	0.3687	8.53		
1,2-Dichloropropane	CCC	0.2202	3.32		
Chloroform	CCC	0.4926	5.02		
Ethylbenzene	CCC	0.5103	4.71		
Toluene	CCC	1.363	6.40		
Vinyl Chloride	CCC	0.1997	20.0		0.998
1,1,2,2-Tetrachloroethane	SPCC	0.3881	3.61		
1,1-Dichloroethane	SPCC	0.4314	3.44		
Bromoform	SPCC	0.1947	13.0		
Chlorobenzene	SPCC	0.9475	3.45		
Chloromethane	SPCC	0.2482	13.7		
1,1,1,2-Tetrachloroethane		0.3647	4.43		
1,1,1-Trichloroethane		0.4614	6.12		
1,1,2-Trichloroethane		0.2161	3.41		
1,1-Dichloropropene		0.3611	3.75		
1,2,3-Trichlorobenzene		0.8343	5.45		
1,2,3-Trichloropropane		0.3152	3.47		
1,2,4-Trichlorobenzene		0.9889	4.22		
1,2,4-Trimethylbenzene		2.528	7.72		
1,2-Dibromo-3-Chloropropane		0.07790	10.6		
1,2-Dibromoethane		0.2319	4.78		
1,2-Dichlorobenzene		1.309	4.19		
1,2-Dichloroethane		0.3374	5.60		
1,3,5-Trimethylbenzene		2.370	5.12		
1,3-Dichlorobenzene		1.451	3.00		
1,3-Dichloropropane		0.3894	3.04		
1,4-Dichlorobenzene		1.503	6.66		
2,2-Dichloropropane		0.4213	12.1		
2-Butanone		0.04788	1.66		
2-Chloroethyl Vinyl Ether		0.07810	26.7		0.999
2-Chlorotoluene		2.072	7.75		
2-Hexanone		0.09810	4.47		
4-Chlorotoluene		2.079	5.88		
4-Methyl-2-Pentanone		0.04460	5.92		
Acetone		0.03507	9.44		
Benzene		0.9358	4.87		
Bromobenzene		0.7370	6.15		
Bromochloromethane		0.1568	3.31		
Bromodichloromethane		0.3451	3.26		
Bromomethane		0.1516	21.0		1.00
Carbon Disulfide		0.6606	8.93		
Carbon Tetrachloride		0.4045	7.51		
Chloroethane		0.1672	7.84		
Dibromochloromethane		0.3004	7.74		
Dibromomethane		0.1262	5.16		

KEMRON FORMS - Modified 10/13/2006
Version 1.5 PDF File ID: 637631
Report generated 12/01/2006 16:01

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092712

Login Number: L0611537 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 20-NOV-06 14:29

ICAL Workgroup: WG227929 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
Dichlorodifluoromethane		0.3626	7.52		
Hexachlorobutadiene		0.4618	5.22		
Isopropylbenzene		1.605	4.73		
Methylene Chloride		0.2574	12.5		
Naphthalene		1.551	4.97		
Styrene		1.026	4.63		
Tetrachloroethene		0.3946	5.46		
Trichloroethene		0.2779	4.40		
Trichlorofluoromethane		0.5346	2.07		
Vinyl Acetate		0.2869	9.89		
cis-1,2-Dichloroethene		0.2682	2.97		
cis-1,3-Dichloropropene		0.3818	6.85		
m-,p-Xylene		0.6332	4.93		
n-Butylbenzene		2.322	5.76		
n-Propylbenzene		3.194	6.11		
o-Xylene		0.6121	3.39		
p-Isopropyltoluene		2.557	5.21		
sec-Butylbenzene		2.881	4.84		
tert-Butylbenzene		0.5160	7.95		
trans-1,2-Dichloroethene		0.2522	6.99		
trans-1,3-Dichloropropene		0.4394	8.37		

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092713

Login Number: L0611537 **Instrument ID:** HPMS8

Analytical Method: 8260B **Initial Calibration Date:** 03-NOV-06 21:42

ICAL Workgroup: WG226781 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
1,1-Dichloroethene	CCC	0.5179	4.40		
1,2-Dichloropropane	CCC	0.2886	3.01		
Chloroform	CCC	0.6487	5.30		
Ethylbenzene	CCC	0.6445	9.88		
Toluene	CCC	1.695	9.72		
Vinyl Chloride	CCC	0.3146	12.7		
1,1,2,2-Tetrachloroethane	SPCC	0.5401	8.82		
1,1-Dichloroethane	SPCC	0.5871	3.37		
Bromoform	SPCC	0.2311	8.24		
Chlorobenzene	SPCC	1.148	10.4		
Chloromethane	SPCC	0.3430	6.61		
1,1,1,2-Tetrachloroethane		0.4201	8.26		
1,1,1-Trichloroethane		0.6077	5.58		
1,1,2-Trichloroethane		0.2713	3.77		
1,1-Dichloropropene		0.4643	4.47		
1,2,3-Trichlorobenzene		1.013	12.9		
1,2,3-Trichloropropane		0.1855	9.07		
1,2,4-Trichlorobenzene		1.166	11.6		
1,2,4-Trimethylbenzene		3.157	12.5		
1,2-Dibromo-3-Chloropropane		0.1147	5.74		
1,2-Dibromoethane		0.2761	5.72		
1,2-Dichlorobenzene		1.596	9.73		
1,2-Dichloroethane		0.4585	5.25		
1,3,5-Trimethylbenzene		2.988	10.9		
1,3-Dichlorobenzene		1.726	9.67		
1,3-Dichloropropane		0.5004	3.00		
1,4-Dichlorobenzene		1.842	12.9		
2,2-Dichloropropane		0.5370	6.15		
2-Butanone		0.06460	10.5		
2-Chloroethyl Vinyl Ether		0.09763	35.9		0.999
2-Chlorotoluene		2.765	12.2		
2-Hexanone		0.1429	8.54		
4-Chlorotoluene		2.718	14.8		
4-Methyl-2-Pentanone		0.05942	11.9		
Acetone		0.05038	6.42		
Benzene		1.238	7.93		
Bromobenzene		0.8665	6.91		
Bromochloromethane		0.1841	4.58		
Bromodichloromethane		0.4521	4.40		
Bromomethane		0.1880	14.8		
Carbon Disulfide		0.8963	6.41		
Carbon Tetrachloride		0.5096	5.54		
Chloroethane		0.2288	2.85		
Dibromochloromethane		0.3506	6.83		
Dibromomethane		0.1518	8.86		

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KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

00092714

Login Number: L0611537 **Instrument ID:** HPMS8

Analytical Method: 8260B **Initial Calibration Date:** 03-NOV-06 21:42

ICAL Workgroup: WG226781 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR	QUAD
Dichlorodifluoromethane		0.5067	6.45		
Hexachlorobutadiene		0.4430	5.49		
Isopropylbenzene		1.945	10.5		
Methylene Chloride		0.3396	10.8		
Naphthalene		2.007	10.9		
Styrene		1.238	8.05		
Tetrachloroethene		0.3633	6.58		
Trichloroethene		0.3276	4.24		
Trichlorofluoromethane		0.6637	3.13		
Vinyl Acetate		0.3710	5.64		
cis-1,2-Dichloroethene		0.5066	6.05		
cis-1,3-Dichloropropene		0.4942	4.50		
m-,p-Xylene		0.7866	11.6		
n-Butylbenzene		2.676	10.2		
n-Propylbenzene		4.011	13.2		
o-Xylene		0.7730	5.38		
p-Isopropyltoluene		2.913	11.0		
sec-Butylbenzene		3.347	10.9		
tert-Butylbenzene		0.5847	5.97		
trans-1,2-Dichloroethene		0.4775	3.83		
trans-1,3-Dichloropropene		0.5873	3.71		

INITIAL CALIBRATION DATA

00092715

Login Number: L0611537 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 20-NOV-06 14:29

Column ID: F

Analyte	WG227929-02			WG227929-03			WG227929-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	4048.00000	0.3018	1.00	13077.0000	0.3985
1,2-Dichloropropane	NA	NA	NA	0.400	2863.00000	0.2135	1.00	7343.00000	0.2238
Chloroform	0.300	5521.00000	0.5255	0.400	7135.00000	0.5320	1.00	16443.0000	0.5011
Ethylbenzene	NA	NA	NA	0.400	4941.00000	0.4913	1.00	13633.0000	0.5451
Toluene	NA	NA	NA	0.400	14789.0000	1.471	1.00	36300.0000	1.451
Vinyl Chloride	NA	NA	NA	0.400	3541.00000	0.2640	1.00	8103.00000	0.2469
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	2260.00000	0.3767	1.00	5327.00000	0.3718
1,1-Dichloroethane	NA	NA	NA	0.400	5514.00000	0.4112	1.00	14026.0000	0.4274
Bromoform	NA	NA	NA	NA	NA	NA	1.00	4007.00000	0.1602
Chlorobenzene	NA	NA	NA	0.400	9890.00000	0.9834	1.00	24062.0000	0.9620
Chloromethane	NA	NA	NA	0.400	4257.00000	0.3174	1.00	9546.00000	0.2909
1,1,1,2-Tetrachloroethane	NA	NA	NA	0.400	3710.00000	0.3689	1.00	8461.00000	0.3383
1,1,1-Trichloroethane	NA	NA	NA	0.400	5880.00000	0.4384	1.00	15242.0000	0.4645
1,1,2-Trichloroethane	NA	NA	NA	0.400	1996.00000	0.1985	1.00	5404.00000	0.2161
1,1-Dichloropropene	NA	NA	NA	0.400	4797.00000	0.3577	1.00	11577.0000	0.3528
1,2,3-Trichlorobenzene	0.300	3879.00000	0.8573	0.400	4812.00000	0.8021	1.00	12995.0000	0.9071
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	1.00	4641.00000	0.3239
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	5918.00000	0.9864	1.00	14894.0000	1.040
1,2,4-Trimethylbenzene	NA	NA	NA	0.400	16699.0000	2.783	1.00	39286.0000	2.742
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	1.00	1031.00000	0.07200
1,2-Dibromoethane	NA	NA	NA	0.400	2151.00000	0.2139	1.00	5333.00000	0.2132
1,2-Dichlorobenzene	0.300	6492.00000	1.435	0.400	7967.00000	1.328	1.00	18940.0000	1.322
1,2-Dichloroethane	NA	NA	NA	0.400	4832.00000	0.3603	1.00	11569.0000	0.3526
1,3,5-Trimethylbenzene	NA	NA	NA	0.400	14307.0000	2.385	1.00	36453.0000	2.545
1,3-Dichlorobenzene	NA	NA	NA	0.400	9162.00000	1.527	1.00	20630.0000	1.440
1,3-Dichloropropane	NA	NA	NA	0.400	3958.00000	0.3936	1.00	9175.00000	0.3668
1,4-Dichlorobenzene	0.300	7978.00000	1.763	0.400	8977.00000	1.496	1.00	21687.0000	1.514
2,2-Dichloropropane	NA	NA	NA	0.400	4050.00000	0.3020	1.00	13418.0000	0.4089
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	0.400	14506.0000	2.418	1.00	30153.0000	2.105
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	0.400	13055.0000	2.176	1.00	30594.0000	2.136
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	0.400	13490.0000	1.006	1.00	32179.0000	0.9806
Bromobenzene	0.300	3827.00000	0.8458	0.400	4359.00000	0.7266	1.00	10953.0000	0.7645
Bromochloromethane	NA	NA	NA	0.400	2061.00000	0.1537	1.00	4828.00000	0.1471
Bromodichloromethane	NA	NA	NA	0.400	4315.00000	0.3217	1.00	11158.0000	0.3400
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	3451.00000	0.1052
Carbon Disulfide	NA	NA	NA	0.400	9036.00000	0.6738	1.00	17039.0000	0.5192
Carbon Tetrachloride	NA	NA	NA	0.400	4860.00000	0.3624	1.00	13090.0000	0.3989

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INITIAL CALIBRATION DATA

00092716

Login Number: L0611537 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 20-NOV-06 14:29

Column ID: F

Analyte	WG227929-05			WG227929-06			WG227929-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	25476.0000	0.3943	5.00	53852.0000	0.3348	20.0	253000.000	0.3883
1,2-Dichloropropane	2.00	14849.0000	0.2298	5.00	32907.0000	0.2046	20.0	143370.000	0.2200
Chloroform	2.00	32490.0000	0.5028	5.00	74860.0000	0.4654	20.0	324804.000	0.4984
Ethylbenzene	2.00	25640.0000	0.5199	5.00	58335.0000	0.4802	20.0	264222.000	0.5378
Toluene	2.00	71235.0000	1.444	5.00	156485.000	1.288	20.0	695076.000	1.415
Vinyl Chloride	2.00	13901.0000	0.2151	5.00	30454.0000	0.1893	20.0	122970.000	0.1887
1,1,2,2-Tetrachloroethane	2.00	10738.0000	0.3722	5.00	28994.0000	0.4058	20.0	117752.000	0.4003
1,1-Dichloroethane	2.00	28615.0000	0.4429	5.00	66697.0000	0.4146	20.0	295110.000	0.4529
Bromoform	2.00	7796.00000	0.1581	5.00	22064.0000	0.1816	20.0	96523.0000	0.1964
Chlorobenzene	2.00	46400.0000	0.9408	5.00	111244.000	0.9157	20.0	489386.000	0.9960
Chloromethane	2.00	16667.0000	0.2580	5.00	36573.0000	0.2274	20.0	146511.000	0.2248
1,1,1,2-Tetrachloroethane	2.00	17888.0000	0.3627	5.00	42701.0000	0.3515	20.0	191375.000	0.3895
1,1,1-Trichloroethane	2.00	31108.0000	0.4815	5.00	65967.0000	0.4101	20.0	320550.000	0.4919
1,1,2-Trichloroethane	2.00	10818.0000	0.2193	5.00	25951.0000	0.2136	20.0	109844.000	0.2236
1,1-Dichloropropene	2.00	23900.0000	0.3699	5.00	54678.0000	0.3399	20.0	246548.000	0.3784
1,2,3-Trichlorobenzene	2.00	24818.0000	0.8603	5.00	61103.0000	0.8551	20.0	255289.000	0.8678
1,2,3-Trichloropropane	2.00	8953.00000	0.3103	5.00	23417.0000	0.3277	20.0	93889.0000	0.3192
1,2,4-Trichlorobenzene	2.00	28072.0000	0.9731	5.00	71664.0000	1.003	20.0	305077.000	1.037
1,2,4-Trimethylbenzene	2.00	76960.0000	2.668	5.00	173904.000	2.434	20.0	776387.000	2.639
1,2-Dibromo-3-Chloropropane	2.00	1829.00000	0.06340	5.00	5243.00000	0.07340	20.0	24866.0000	0.08450
1,2-Dibromoethane	2.00	11671.0000	0.2366	5.00	28567.0000	0.2351	20.0	118753.000	0.2417
1,2-Dichlorobenzene	2.00	37089.0000	1.286	5.00	91157.0000	1.276	20.0	393067.000	1.336
1,2-Dichloroethane	2.00	22840.0000	0.3535	5.00	53373.0000	0.3318	20.0	227527.000	0.3492
1,3,5-Trimethylbenzene	2.00	69298.0000	2.402	5.00	164049.000	2.296	20.0	738344.000	2.510
1,3-Dichlorobenzene	2.00	42435.0000	1.471	5.00	100683.000	1.409	20.0	438627.000	1.491
1,3-Dichloropropane	2.00	18960.0000	0.3844	5.00	48729.0000	0.4011	20.0	197484.000	0.4019
1,4-Dichlorobenzene	2.00	43194.0000	1.497	5.00	103244.000	1.445	20.0	449949.000	1.530
2,2-Dichloropropane	2.00	27547.0000	0.4263	5.00	64055.0000	0.3982	20.0	304530.000	0.4673
2-Butanone	NA	NA	NA	5.00	7587.00000	0.04720	20.0	31572.0000	0.04850
2-Chloroethyl Vinyl Ether	NA	NA	NA	5.00	6608.00000	0.04110	20.0	43575.0000	0.06690
2-Chlorotoluene	2.00	61582.0000	2.135	5.00	143170.000	2.004	20.0	627256.000	2.132
2-Hexanone	NA	NA	NA	5.00	12279.0000	0.1011	20.0	48110.0000	0.09790
4-Chlorotoluene	2.00	63013.0000	2.184	5.00	148170.000	2.074	20.0	654281.000	2.224
4-Methyl-2-Pentanone	NA	NA	NA	5.00	6623.00000	0.04120	20.0	27641.0000	0.04240
Acetone	NA	NA	NA	5.00	6521.00000	0.04050	20.0	24315.0000	0.03730
Benzene	2.00	61674.0000	0.9545	5.00	137930.000	0.8574	20.0	622484.000	0.9553
Bromobenzene	2.00	21929.0000	0.7601	5.00	49432.0000	0.6918	20.0	218153.000	0.7416
Bromochloromethane	2.00	10221.0000	0.1582	5.00	24237.0000	0.1507	20.0	106118.000	0.1628
Bromodichloromethane	2.00	22473.0000	0.3478	5.00	54271.0000	0.3374	20.0	230527.000	0.3538
Bromomethane	2.00	7453.00000	0.1153	5.00	19976.0000	0.1242	20.0	102013.000	0.1565
Carbon Disulfide	2.00	47430.0000	0.7341	5.00	104417.000	0.6491	20.0	449054.000	0.6891
Carbon Tetrachloride	2.00	26826.0000	0.4152	5.00	57961.0000	0.3603	20.0	285144.000	0.4376

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INITIAL CALIBRATION DATA

00092717

Login Number: L0611537 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 20-NOV-06 14:29

Column ID: F

Analyte	WG227929-08			WG227929-09			WG227929-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	623539.000	0.3869	100	1221242.00	0.3705	150	1901484.00	0.3733
1,2-Dichloropropane	50.0	363317.000	0.2254	100	728952.000	0.2211	150	1128877.00	0.2216
Chloroform	50.0	800520.000	0.4967	100	1562483.00	0.4740	150	2381690.00	0.4676
Ethylbenzene	50.0	664445.000	0.5306	100	1312282.00	0.5075	150	2015825.00	0.4961
Toluene	50.0	1721109.00	1.375	100	3416101.00	1.321	150	5174612.00	1.274
Vinyl Chloride	50.0	298592.000	0.1853	100	512891.000	0.1556	150	777200.000	0.1526
1,1,2,2-Tetrachloroethane	50.0	302639.000	0.3914	100	648615.000	0.4040	150	1004823.00	0.3950
1,1-Dichloroethane	50.0	727872.000	0.4516	100	1408052.00	0.4271	150	2171005.00	0.4262
Bromoform	50.0	263066.000	0.2101	100	566718.000	0.2192	150	899471.000	0.2214
Chlorobenzene	50.0	1215495.00	0.9707	100	2429466.00	0.9396	150	3737322.00	0.9198
Chloromethane	50.0	364985.000	0.2265	100	728857.000	0.2211	150	1192199.00	0.2341
1,1,1,2-Tetrachloroethane	50.0	477248.000	0.3811	100	968326.000	0.3745	150	1484905.00	0.3655
1,1,1-Trichloroethane	50.0	807193.000	0.5008	100	1533494.00	0.4652	150	2318993.00	0.4553
1,1,2-Trichloroethane	50.0	276512.000	0.2208	100	569480.000	0.2202	150	889886.000	0.2190
1,1-Dichloropropene	50.0	615826.000	0.3821	100	1191072.00	0.3613	150	1813603.00	0.3561
1,2,3-Trichlorobenzene	50.0	642656.000	0.8311	100	1320293.00	0.8224	150	2015036.00	0.7922
1,2,3-Trichloropropane	50.0	246167.000	0.3183	100	509933.000	0.3176	150	796068.000	0.3130
1,2,4-Trichlorobenzene	50.0	783852.000	1.014	100	1589038.00	0.9898	150	2411378.00	0.9480
1,2,4-Trimethylbenzene	50.0	1968194.00	2.545	100	3862173.00	2.406	150	5841164.00	2.296
1,2-Dibromo-3-Chloropropane	50.0	67062.0000	0.08670	100	138865.000	0.08650	150	206174.000	0.08110
1,2-Dibromoethane	50.0	300858.000	0.2403	100	619767.000	0.2397	150	967269.000	0.2381
1,2-Dichlorobenzene	50.0	1016740.00	1.315	100	2076131.00	1.293	150	3212209.00	1.263
1,2-Dichloroethane	50.0	547981.000	0.3400	100	1081577.00	0.3281	150	1623053.00	0.3186
1,3,5-Trimethylbenzene	50.0	1897221.00	2.454	100	3711550.00	2.312	150	5684215.00	2.235
1,3-Dichlorobenzene	50.0	1142092.00	1.477	100	2305841.00	1.436	150	3580327.00	1.408
1,3-Dichloropropane	50.0	497495.000	0.3973	100	1016027.00	0.3929	150	1588169.00	0.3909
1,4-Dichlorobenzene	50.0	1160747.00	1.501	100	2343203.00	1.460	150	3624768.00	1.425
2,2-Dichloropropane	50.0	759871.000	0.4715	100	1473070.00	0.4469	150	2230317.00	0.4379
2-Butanone	50.0	77266.0000	0.04790	100	159307.000	0.04830	150	247953.000	0.04870
2-Chloroethyl Vinyl Ether	50.0	132293.000	0.08210	100	297824.000	0.09030	150	483424.000	0.09490
2-Chlorotoluene	50.0	1623939.00	2.100	100	3127021.00	1.948	150	4890281.00	1.923
2-Hexanone	50.0	122933.000	0.09820	100	261377.000	0.1011	150	409274.000	0.1007
4-Chlorotoluene	50.0	1619037.00	2.094	100	3283842.00	2.046	150	4832110.00	1.900
4-Methyl-2-Pentanone	50.0	72557.0000	0.04500	100	155919.000	0.04730	150	243638.000	0.04780
Acetone	50.0	55151.0000	0.03420	100	111125.000	0.03370	150	170185.000	0.03340
Benzene	50.0	1528419.00	0.9483	100	3009771.00	0.9130	150	4631412.00	0.9093
Bromobenzene	50.0	558539.000	0.7223	100	1136223.00	0.7078	150	1788852.00	0.7032
Bromochloromethane	50.0	259585.000	0.1611	100	522730.000	0.1586	150	817084.000	0.1604
Bromodichloromethane	50.0	580605.000	0.3602	100	1161791.00	0.3524	150	1775690.00	0.3486
Bromomethane	50.0	274956.000	0.1706	100	595971.000	0.1808	150	908161.000	0.1783
Carbon Disulfide	50.0	1122974.00	0.6968	100	2194081.00	0.6656	150	3369176.00	0.6615
Carbon Tetrachloride	50.0	725280.000	0.4500	100	1380995.00	0.4189	150	2060909.00	0.4046

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INITIAL CALIBRATION DATA

00092718

Login Number: L0611537 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 20-NOV-06 14:29

Column ID: F

Analyte	WG227929-11		
	CONC	RESP	RF
1,1-Dichloroethene	200	2582803.00	0.3700
1,2-Dichloropropane	200	1550407.00	0.2221
Chloroform	200	3225209.00	0.4621
Ethylbenzene	200	2742575.00	0.4842
Toluene	200	6985140.00	1.233
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	200	1298044.00	0.3759
1,1-Dichloroethane	200	2993928.00	0.4289
Bromoform	200	1194753.00	0.2109
Chlorobenzene	200	5096339.00	0.8998
Chloromethane	200	1629838.00	0.2335
1,1,1,2-Tetrachloroethane	200	1983885.00	0.3503
1,1,1-Trichloroethane	200	3104302.00	0.4447
1,1,2-Trichloroethane	200	1212565.00	0.2141
1,1-Dichloropropene	200	2452103.00	0.3513
1,2,3-Trichlorobenzene	200	2580918.00	0.7474
1,2,3-Trichloropropane	200	1007798.00	0.2918
1,2,4-Trichlorobenzene	200	3140640.00	0.9095
1,2,4-Trimethylbenzene	200	7731144.00	2.239
1,2-Dibromo-3-Chloropropane	200	261040.000	0.07560
1,2-Dibromoethane	200	1293982.00	0.2285
1,2-Dichlorobenzene	200	4255874.00	1.232
1,2-Dichloroethane	200	2110473.00	0.3024
1,3,5-Trimethylbenzene	200	7562932.00	2.190
1,3-Dichlorobenzene	200	4831417.00	1.399
1,3-Dichloropropane	200	2126326.00	0.3754
1,4-Dichlorobenzene	200	4841480.00	1.402
2,2-Dichloropropane	200	3020496.00	0.4327
2-Butanone	200	325758.000	0.04670
2-Chloroethyl Vinyl Ether	200	651523.000	0.09330
2-Chlorotoluene	200	6509160.00	1.885
2-Hexanone	200	507714.000	0.08960
4-Chlorotoluene	200	6477553.00	1.876
4-Methyl-2-Pentanone	200	306528.000	0.04390
Acetone	200	218196.000	0.03130
Benzene	200	6266343.00	0.8978
Bromobenzene	200	2438571.00	0.7062
Bromochloromethane	200	1104384.00	0.1582
Bromodichloromethane	200	2399738.00	0.3438
Bromomethane	200	1267130.00	0.1815
Carbon Disulfide	200	4580747.00	0.6563
Carbon Tetrachloride	200	2741105.00	0.3927

INITIAL CALIBRATION DATA

00092719

Login Number: L0611537 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 20-NOV-06 14:29

Column ID: F

Analyte	WG227929-02			WG227929-03			WG227929-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	NA	NA	NA	0.400	1824.00000	0.1360	1.00	5829.00000	0.1776
Dibromochloromethane	NA	NA	NA	0.400	2675.00000	0.2660	1.00	6599.00000	0.2638
Dibromomethane	NA	NA	NA	0.400	1483.00000	0.1106	1.00	4299.00000	0.1310
Dichlorodifluoromethane	NA	NA	NA	0.400	4751.00000	0.3543	1.00	13414.0000	0.4088
Hexachlorobutadiene	NA	NA	NA	0.400	2538.00000	0.4230	1.00	7029.00000	0.4906
Isopropylbenzene	NA	NA	NA	0.400	15284.0000	1.520	1.00	40298.0000	1.611
Methylene Chloride	NA	NA	NA	0.400	4568.00000	0.3406	1.00	8260.00000	0.2517
Naphthalene	NA	NA	NA	0.400	9229.00000	1.538	1.00	22515.0000	1.572
Styrene	NA	NA	NA	0.400	9900.00000	0.9844	1.00	24287.0000	0.9710
Tetrachloroethene	NA	NA	NA	0.400	4325.00000	0.4301	1.00	10079.0000	0.4030
Trichloroethene	NA	NA	NA	0.400	3679.00000	0.2743	1.00	9071.00000	0.2764
Trichlorofluoromethane	NA	NA	NA	0.400	7292.00000	0.5437	1.00	17924.0000	0.5462
Vinyl Acetate	NA	NA	NA	NA	NA	NA	1.00	7577.00000	0.2309
cis-1,2-Dichloroethene	NA	NA	NA	0.400	3659.00000	0.2728	1.00	8390.00000	0.2557
cis-1,3-Dichloropropene	NA	NA	NA	0.400	4526.00000	0.3375	1.00	11506.0000	0.3506
m-,p-Xylene	NA	NA	NA	0.800	13433.0000	0.6679	2.00	32377.0000	0.6472
n-Butylbenzene	NA	NA	NA	0.400	13009.0000	2.168	1.00	34845.0000	2.432
n-Propylbenzene	NA	NA	NA	0.400	18476.0000	3.080	1.00	48642.0000	3.395
o-Xylene	NA	NA	NA	0.400	5859.00000	0.5826	1.00	15518.0000	0.6204
p-Isopropyltoluene	NA	NA	NA	0.400	14328.0000	2.388	1.00	38265.0000	2.671
sec-Butylbenzene	NA	NA	NA	0.400	16524.0000	2.754	1.00	42469.0000	2.964
tert-Butylbenzene	NA	NA	NA	0.400	2576.00000	0.4294	1.00	7428.00000	0.5185
trans-1,2-Dichloroethene	NA	NA	NA	0.400	3024.00000	0.2255	1.00	9194.00000	0.2802
trans-1,3-Dichloropropene	NA	NA	NA	0.400	3804.00000	0.3783	1.00	9621.00000	0.3847

INITIAL CALIBRATION DATA

00092720

Login Number: L0611537 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 20-NOV-06 14:29

Column ID: F

Analyte	WG227929-05			WG227929-06			WG227929-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	2.00	11586.0000	0.1793	5.00	27684.0000	0.1721	20.0	112133.000	0.1721
Dibromochloromethane	2.00	14323.0000	0.2904	5.00	35499.0000	0.2922	20.0	155526.000	0.3165
Dibromomethane	2.00	8001.00000	0.1238	5.00	21149.0000	0.1315	20.0	83255.0000	0.1278
Dichlorodifluoromethane	2.00	24851.0000	0.3846	5.00	59717.0000	0.3712	20.0	244306.000	0.3749
Hexachlorobutadiene	2.00	13248.0000	0.4592	5.00	30096.0000	0.4212	20.0	136756.000	0.4649
Isopropylbenzene	2.00	81532.0000	1.653	5.00	183968.000	1.514	20.0	841033.000	1.712
Methylene Chloride	2.00	16907.0000	0.2617	5.00	39115.0000	0.2432	20.0	164467.000	0.2524
Naphthalene	2.00	46652.0000	1.617	5.00	115766.000	1.620	20.0	474015.000	1.611
Styrene	2.00	49521.0000	1.004	5.00	118334.000	0.9741	20.0	535314.000	1.090
Tetrachloroethene	2.00	20074.0000	0.4070	5.00	43965.0000	0.3619	20.0	202150.000	0.4114
Trichloroethene	2.00	17598.0000	0.2724	5.00	40251.0000	0.2502	20.0	186867.000	0.2868
Trichlorofluoromethane	2.00	35356.0000	0.5472	5.00	84329.0000	0.5242	20.0	349261.000	0.5360
Vinyl Acetate	2.00	16616.0000	0.2572	5.00	48213.0000	0.2997	20.0	202307.000	0.3105
cis-1,2-Dichloroethene	2.00	17959.0000	0.2780	5.00	41135.0000	0.2557	20.0	176872.000	0.2714
cis-1,3-Dichloropropene	2.00	23638.0000	0.3658	5.00	59574.0000	0.3703	20.0	261560.000	0.4014
m-,p-Xylene	4.00	63751.0000	0.6463	10.0	144655.000	0.5954	40.0	651621.000	0.6631
n-Butylbenzene	2.00	70662.0000	2.449	5.00	157553.000	2.205	20.0	734549.000	2.497
n-Propylbenzene	2.00	98040.0000	3.398	5.00	219472.000	3.071	20.0	1011180.00	3.437
o-Xylene	2.00	30370.0000	0.6158	5.00	70276.0000	0.5785	20.0	312813.000	0.6366
p-Isopropyltoluene	2.00	75323.0000	2.611	5.00	173089.000	2.422	20.0	810445.000	2.755
sec-Butylbenzene	2.00	86528.0000	2.999	5.00	194176.000	2.717	20.0	901756.000	3.065
tert-Butylbenzene	2.00	15751.0000	0.5460	5.00	33475.0000	0.4685	20.0	163102.000	0.5544
trans-1,2-Dichloroethene	2.00	17603.0000	0.2724	5.00	37369.0000	0.2323	20.0	169239.000	0.2597
trans-1,3-Dichloropropene	2.00	21430.0000	0.4345	5.00	53323.0000	0.4389	20.0	235585.000	0.4795

INITIAL CALIBRATION DATA

00092721

Login Number: L0611537 **Instrument ID:** HPMS6

Analytical Method: 8260B **Initial Calibration Date:** 20-NOV-06 14:29

Column ID: F

Analyte	WG227929-08			WG227929-09			WG227929-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	50.0	282301.000	0.1752	100	548634.000	0.1664	150	839569.000	0.1648
Dibromochloromethane	50.0	399871.000	0.3193	100	831461.000	0.3216	150	1305320.00	0.3213
Dibromomethane	50.0	211812.000	0.1314	100	422170.000	0.1281	150	648105.000	0.1272
Dichlorodifluoromethane	50.0	596453.000	0.3701	100	1137480.00	0.3451	150	1712102.00	0.3361
Hexachlorobutadiene	50.0	366854.000	0.4744	100	766160.000	0.4772	150	1207031.00	0.4745
Isopropylbenzene	50.0	2139045.00	1.708	100	4181911.00	1.617	150	6417581.00	1.579
Methylene Chloride	50.0	397403.000	0.2466	100	791153.000	0.2400	150	1225113.00	0.2405
Naphthalene	50.0	1214338.00	1.570	100	2506363.00	1.561	150	3807716.00	1.497
Styrene	50.0	1366904.00	1.092	100	2745387.00	1.062	150	4246907.00	1.045
Tetrachloroethene	50.0	503873.000	0.4024	100	988300.000	0.3822	150	1540428.00	0.3791
Trichloroethene	50.0	471853.000	0.2928	100	922142.000	0.2797	150	1438686.00	0.2825
Trichlorofluoromethane	50.0	870781.000	0.5403	100	1742322.00	0.5285	150	2701650.00	0.5304
Vinyl Acetate	50.0	493685.000	0.3063	100	994073.000	0.3015	150	1550119.00	0.3043
cis-1,2-Dichloroethene	50.0	444956.000	0.2761	100	878233.000	0.2664	150	1363338.00	0.2677
cis-1,3-Dichloropropene	50.0	655328.000	0.4066	100	1326138.00	0.4023	150	2046998.00	0.4019
m-,p-Xylene	100	1656592.00	0.6615	200	3235389.00	0.6256	300	4940454.00	0.6080
n-Butylbenzene	50.0	1886900.00	2.440	100	3708203.00	2.310	150	5652299.00	2.222
n-Propylbenzene	50.0	2568286.00	3.321	100	5033601.00	3.135	150	7594900.00	2.986
o-Xylene	50.0	798940.000	0.6380	100	1592423.00	0.6158	150	2504175.00	0.6163
p-Isopropyltoluene	50.0	2082781.00	2.694	100	4113634.00	2.562	150	6312907.00	2.482
sec-Butylbenzene	50.0	2346914.00	3.035	100	4632105.00	2.885	150	7044482.00	2.769
tert-Butylbenzene	50.0	423143.000	0.5472	100	844075.000	0.5258	150	1335096.00	0.5249
trans-1,2-Dichloroethene	50.0	416473.000	0.2584	100	816129.000	0.2476	150	1246406.00	0.2447
trans-1,3-Dichloropropene	50.0	597204.000	0.4769	100	1200347.00	0.4642	150	1869245.00	0.4600

INITIAL CALIBRATION DATA

00092722

Login Number: L0611537
Instrument ID: HPMS6
Analytical Method: 8260B
Initial Calibration Date: 20-NOV-06 14:29
Column ID: F

Analyte	WG227929-11		
	CONC	RESP	RF
Chloroethane	200	1128989.00	0.1617
Dibromochloromethane	200	1767524.00	0.3121
Dibromomethane	200	866287.000	0.1241
Dichlorodifluoromethane	200	2221055.00	0.3182
Hexachlorobutadiene	200	1628211.00	0.4715
Isopropylbenzene	200	8675145.00	1.532
Methylene Chloride	200	1673686.00	0.2398
Naphthalene	200	4750887.00	1.376
Styrene	200	5745949.00	1.015
Tetrachloroethene	200	2117860.00	0.3739
Trichloroethene	200	1994814.00	0.2858
Trichlorofluoromethane	200	3591552.00	0.5146
Vinyl Acetate	200	1990285.00	0.2851
cis-1,2-Dichloroethene	200	1883057.00	0.2698
cis-1,3-Dichloropropene	200	2790457.00	0.3998
m-,p-Xylene	400	6617291.00	0.5841
n-Butylbenzene	200	7499929.00	2.172
n-Propylbenzene	200	10101613.0	2.925
o-Xylene	200	3426239.00	0.6049
p-Isopropyltoluene	200	8397547.00	2.432
sec-Butylbenzene	200	9444291.00	2.735
tert-Butylbenzene	200	1828460.00	0.5295
trans-1,2-Dichloroethene	200	1735008.00	0.2486
trans-1,3-Dichloropropene	200	2478857.00	0.4376

KEMRON Environmental Services

INITIAL CALIBRATION DATA

00092723

Login Number: L0611537 Instrument ID: HPMS8

Analytical Method: 8260B Initial Calibration Date: 03-NOV-06 21:42

Column ID: F

Analyte	WG226781-02			WG226781-03			WG226781-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	4516.00000	0.4806	1.00	12185.0000	0.5098
1,2-Dichloropropane	NA	NA	NA	0.400	2631.00000	0.2800	1.00	6807.00000	0.2848
Chloroform	0.300	5004.00000	0.7017	0.400	6206.00000	0.6605	1.00	15559.0000	0.6509
Ethylbenzene	NA	NA	NA	0.400	5467.00000	0.7385	1.00	12369.0000	0.6700
Toluene	NA	NA	NA	0.400	13281.0000	1.794	1.00	33414.0000	1.810
Vinyl Chloride	NA	NA	NA	0.400	3464.00000	0.3687	1.00	8380.00000	0.3506
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	2231.00000	0.5191	1.00	7039.00000	0.6504
1,1-Dichloroethane	NA	NA	NA	0.400	5828.00000	0.6203	1.00	13843.0000	0.5791
Bromoform	NA	NA	NA	NA	NA	NA	1.00	4094.00000	0.2218
Chlorobenzene	NA	NA	NA	0.400	9005.00000	1.216	1.00	23258.0000	1.260
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	8593.00000	0.3595
1,1,1,2-Tetrachloroethane	NA	NA	NA	0.400	3091.00000	0.4175	1.00	8265.00000	0.4477
1,1,1-Trichloroethane	NA	NA	NA	0.400	5523.00000	0.5878	1.00	14485.0000	0.6060
1,1,2-Trichloroethane	NA	NA	NA	0.400	1928.00000	0.2604	1.00	4984.00000	0.2700
1,1-Dichloropropene	NA	NA	NA	0.400	4198.00000	0.4468	1.00	11335.0000	0.4742
1,2,3-Trichlorobenzene	0.300	3869.00000	1.206	0.400	4868.00000	1.133	1.00	12226.0000	1.130
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	1.00	2406.00000	0.2223
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	5782.00000	1.345	1.00	14385.0000	1.329
1,2,4-Trimethylbenzene	NA	NA	NA	0.400	14547.0000	3.385	1.00	36829.0000	3.403
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	0.400	1799.00000	0.2430	1.00	5272.00000	0.2856
1,2-Dichlorobenzene	0.300	5398.00000	1.682	0.400	7476.00000	1.739	1.00	19536.0000	1.805
1,2-Dichloroethane	NA	NA	NA	0.400	4155.00000	0.4422	1.00	10804.0000	0.4520
1,3,5-Trimethylbenzene	NA	NA	NA	0.400	13257.0000	3.084	1.00	34156.0000	3.156
1,3-Dichlorobenzene	NA	NA	NA	0.400	7571.00000	1.762	1.00	21452.0000	1.982
1,3-Dichloropropane	NA	NA	NA	0.400	3770.00000	0.5093	1.00	9319.00000	0.5048
1,4-Dichlorobenzene	0.300	7026.00000	2.189	0.400	8658.00000	2.014	1.00	22489.0000	2.078
2,2-Dichloropropane	NA	NA	NA	0.400	4713.00000	0.5016	1.00	12026.0000	0.5031
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	0.400	12740.0000	2.964	1.00	32156.0000	2.971
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	0.400	13281.0000	3.090	1.00	33532.0000	3.098
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	0.400	12994.0000	1.383	1.00	30612.0000	1.281
Bromobenzene	0.300	2684.00000	0.8363	0.400	3627.00000	0.8439	1.00	10485.0000	0.9688
Bromochloromethane	NA	NA	NA	0.400	1717.00000	0.1827	1.00	4097.00000	0.1714
Bromodichloromethane	NA	NA	NA	0.400	3935.00000	0.4188	1.00	10730.0000	0.4489
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	3681.00000	0.1540
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	20111.0000	0.8414
Carbon Tetrachloride	NA	NA	NA	0.400	4628.00000	0.4926	1.00	12242.0000	0.5122

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INITIAL CALIBRATION DATA

00092724

Login Number: L0611537 **Instrument ID:** HPMS8

Analytical Method: 8260B **Initial Calibration Date:** 03-NOV-06 21:42

Column ID: F

Analyte	WG226781-05			WG226781-06			WG226781-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	23880.0000	0.5019	5.00	61526.0000	0.5149	20.0	265707.000	0.5423
1,2-Dichloropropane	2.00	13122.0000	0.2758	5.00	35377.0000	0.2961	20.0	146076.000	0.2981
Chloroform	2.00	30699.0000	0.6452	5.00	79324.0000	0.6638	20.0	327814.000	0.6691
Ethylbenzene	2.00	23090.0000	0.6303	5.00	62232.0000	0.6650	20.0	258592.000	0.6879
Toluene	2.00	63891.0000	1.744	5.00	165698.000	1.771	20.0	682589.000	1.816
Vinyl Chloride	2.00	16084.0000	0.3380	5.00	37097.0000	0.3105	20.0	145823.000	0.2976
1,1,2,2-Tetrachloroethane	2.00	10697.0000	0.5020	5.00	29463.0000	0.5446	20.0	108329.000	0.5019
1,1-Dichloroethane	2.00	27637.0000	0.5808	5.00	71452.0000	0.5980	20.0	294961.000	0.6020
Bromoform	2.00	7409.00000	0.2022	5.00	20564.0000	0.2198	20.0	84322.0000	0.2243
Chlorobenzene	2.00	43081.0000	1.176	5.00	114551.000	1.224	20.0	456752.000	1.215
Chloromethane	2.00	18247.0000	0.3835	5.00	40800.0000	0.3414	20.0	169189.000	0.3453
1,1,1,2-Tetrachloroethane	2.00	15897.0000	0.4340	5.00	41781.0000	0.4465	20.0	166853.000	0.4438
1,1,1-Trichloroethane	2.00	28222.0000	0.5931	5.00	76327.0000	0.6388	20.0	321516.000	0.6562
1,1,2-Trichloroethane	2.00	9527.00000	0.2601	5.00	26757.0000	0.2859	20.0	101627.000	0.2703
1,1-Dichloropropene	2.00	20945.0000	0.4402	5.00	55877.0000	0.4676	20.0	242575.000	0.4951
1,2,3-Trichlorobenzene	2.00	22138.0000	1.039	5.00	53733.0000	0.9932	20.0	205872.000	0.9538
1,2,3-Trichloropropane	2.00	3851.00000	0.1807	5.00	9442.00000	0.1745	20.0	37661.0000	0.1745
1,2,4-Trichlorobenzene	2.00	24981.0000	1.172	5.00	64552.0000	1.193	20.0	249212.000	1.155
1,2,4-Trimethylbenzene	2.00	69592.0000	3.266	5.00	183586.000	3.393	20.0	754629.000	3.496
1,2-Dibromo-3-Chloropropane	2.00	2362.00000	0.1108	5.00	6361.00000	0.1176	20.0	22501.0000	0.1042
1,2-Dibromoethane	2.00	9821.00000	0.2681	5.00	26083.0000	0.2787	20.0	103178.000	0.2745
1,2-Dichlorobenzene	2.00	33999.0000	1.595	5.00	88555.0000	1.637	20.0	348036.000	1.612
1,2-Dichloroethane	2.00	22405.0000	0.4709	5.00	59471.0000	0.4977	20.0	226676.000	0.4627
1,3,5-Trimethylbenzene	2.00	63977.0000	3.002	5.00	171936.000	3.178	20.0	726173.000	3.364
1,3-Dichlorobenzene	2.00	36812.0000	1.727	5.00	96444.0000	1.783	20.0	393212.000	1.822
1,3-Dichloropropane	2.00	18132.0000	0.4950	5.00	47863.0000	0.5115	20.0	187442.000	0.4986
1,4-Dichlorobenzene	2.00	39032.0000	1.832	5.00	100250.000	1.853	20.0	398195.000	1.845
2,2-Dichloropropane	2.00	24720.0000	0.5195	5.00	65579.0000	0.5488	20.0	286643.000	0.5851
2-Butanone	NA	NA	NA	5.00	7105.00000	0.05950	20.0	27067.0000	0.05520
2-Chloroethyl Vinyl Ether	2.00	2289.00000	0.04810	5.00	8349.00000	0.06990	20.0	41583.0000	0.08490
2-Chlorotoluene	2.00	60989.0000	2.862	5.00	164773.000	3.046	20.0	658405.000	3.050
2-Hexanone	NA	NA	NA	5.00	12303.0000	0.1315	20.0	48037.0000	0.1278
4-Chlorotoluene	2.00	58281.0000	2.735	5.00	154168.000	2.850	20.0	642517.000	2.977
4-Methyl-2-Pentanone	NA	NA	NA	5.00	6263.00000	0.05240	20.0	25009.0000	0.05100
Acetone	NA	NA	NA	5.00	6269.00000	0.05250	20.0	22090.0000	0.04510
Benzene	2.00	57961.0000	1.218	5.00	152236.000	1.274	20.0	629621.000	1.285
Bromobenzene	2.00	18328.0000	0.8600	5.00	49551.0000	0.9159	20.0	196031.000	0.9082
Bromochloromethane	2.00	8832.00000	0.1856	5.00	23761.0000	0.1988	20.0	91447.0000	0.1866
Bromodichloromethane	2.00	20731.0000	0.4357	5.00	55505.0000	0.4645	20.0	229373.000	0.4682
Bromomethane	2.00	7779.00000	0.1635	5.00	19836.0000	0.1660	20.0	91229.0000	0.1862
Carbon Disulfide	2.00	39399.0000	0.8280	5.00	111857.000	0.9361	20.0	470744.000	0.9608
Carbon Tetrachloride	2.00	23338.0000	0.4905	5.00	62919.0000	0.5266	20.0	271042.000	0.5532

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INITIAL CALIBRATION DATA

00092725

Login Number: L0611537 **Instrument ID:** HPMS8

Analytical Method: 8260B **Initial Calibration Date:** 03-NOV-06 21:42

Column ID: F

Analyte	WG226781-08			WG226781-09			WG226781-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	683150.000	0.5534	100	1317696.00	0.5249	200	2551714.00	0.5151
1,2-Dichloropropane	50.0	369841.000	0.2996	100	722796.000	0.2880	200	1417509.00	0.2861
Chloroform	50.0	806442.000	0.6532	100	1534281.00	0.6112	200	2884449.00	0.5823
Ethylbenzene	50.0	624305.000	0.6438	100	1183355.00	0.5930	200	2118291.00	0.5273
Toluene	50.0	1674507.00	1.727	100	3107295.00	1.557	200	5393251.00	1.343
Vinyl Chloride	50.0	342434.000	0.2774	100	650500.000	0.2591	NA	NA	NA
1,1,2,2-Tetrachloroethane	50.0	316288.000	0.5454	100	634601.000	0.5337	200	1273721.00	0.5236
1,1-Dichloroethane	50.0	728812.000	0.5903	100	1403534.00	0.5591	200	2808616.00	0.5670
Bromoform	50.0	246457.000	0.2542	100	497519.000	0.2493	200	987453.000	0.2458
Chlorobenzene	50.0	1114581.00	1.149	100	2078210.00	1.042	200	3627287.00	0.9030
Chloromethane	50.0	402424.000	0.3260	100	797028.000	0.3175	200	1624386.00	0.3279
1,1,1,2-Tetrachloroethane	50.0	417304.000	0.4303	100	786395.000	0.3941	200	1391748.00	0.3465
1,1,1-Trichloroethane	50.0	784661.000	0.6356	100	1487611.00	0.5926	200	2733553.00	0.5518
1,1,2-Trichloroethane	50.0	277154.000	0.2858	100	546675.000	0.2740	200	1060458.00	0.2640
1,1-Dichloropropene	50.0	602633.000	0.4881	100	1155196.00	0.4602	200	2190526.00	0.4422
1,2,3-Trichlorobenzene	50.0	564767.000	0.9739	100	1076873.00	0.9057	200	1902885.00	0.7823
1,2,3-Trichloropropane	50.0	107840.000	0.1860	100	218305.000	0.1836	200	430382.000	0.1769
1,2,4-Trichlorobenzene	50.0	662614.000	1.143	100	1270295.00	1.068	200	2248348.00	0.9243
1,2,4-Trimethylbenzene	50.0	1831003.00	3.158	100	3367991.00	2.833	200	5649695.00	2.323
1,2-Dibromo-3-Chloropropane	50.0	70181.0000	0.1210	100	144174.000	0.1213	200	276172.000	0.1135
1,2-Dibromoethane	50.0	286401.000	0.2954	100	572521.000	0.2869	200	1111228.00	0.2766
1,2-Dichlorobenzene	50.0	902084.000	1.556	100	1721980.00	1.448	200	3130009.00	1.287
1,2-Dichloroethane	50.0	589393.000	0.4774	100	1117757.00	0.4453	200	2078496.00	0.4196
1,3,5-Trimethylbenzene	50.0	1771631.00	3.055	100	3288509.00	2.766	200	5585685.00	2.296
1,3-Dichlorobenzene	50.0	999406.000	1.724	100	1898198.00	1.597	200	3433705.00	1.412
1,3-Dichloropropane	50.0	503514.000	0.5193	100	987956.000	0.4951	200	1886773.00	0.4697
1,4-Dichlorobenzene	50.0	1010395.00	1.742	100	1919627.00	1.615	200	3434071.00	1.412
2,2-Dichloropropane	50.0	718692.000	0.5821	100	1355356.00	0.5400	200	2555760.00	0.5159
2-Butanone	50.0	85425.0000	0.06920	100	174948.000	0.06970	200	343950.000	0.06940
2-Chloroethyl Vinyl Ether	50.0	150851.000	0.1222	100	321027.000	0.1279	200	658044.000	0.1328
2-Chlorotoluene	50.0	1532083.00	2.642	100	2970831.00	2.499	200	5076050.00	2.087
2-Hexanone	50.0	146015.000	0.1506	100	305581.000	0.1531	200	608242.000	0.1514
4-Chlorotoluene	50.0	1521044.00	2.623	100	2970950.00	2.499	200	4556361.00	1.873
4-Methyl-2-Pentanone	50.0	79005.0000	0.06400	100	162653.000	0.06480	200	321457.000	0.06490
Acetone	50.0	65154.0000	0.05280	100	130676.000	0.05210	200	244925.000	0.04940
Benzene	50.0	1547722.00	1.254	100	2909164.00	1.159	200	5214630.00	1.053
Bromobenzene	50.0	507978.000	0.8760	100	984822.000	0.8283	200	1852411.00	0.7615
Bromochloromethane	50.0	235162.000	0.1905	100	452547.000	0.1803	200	875638.000	0.1768
Bromodichloromethane	50.0	593206.000	0.4805	100	1151811.00	0.4589	200	2184848.00	0.4411
Bromomethane	50.0	257573.000	0.2086	100	539688.000	0.2150	200	1104288.00	0.2229
Carbon Disulfide	50.0	1186035.00	0.9607	100	2253693.00	0.8978	200	4206807.00	0.8492
Carbon Tetrachloride	50.0	663637.000	0.5376	100	1246953.00	0.4968	200	2315692.00	0.4675

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INITIAL CALIBRATION DATA

00092726

Login Number: L0611537 **Instrument ID:** HPMS8

Analytical Method: 8260B **Initial Calibration Date:** 03-NOV-06 21:42

Column ID: F

Analyte	WG226781-02			WG226781-03			WG226781-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	NA	NA	NA	0.400	2143.00000	0.2281	1.00	5306.00000	0.2220
Dibromochloromethane	NA	NA	NA	0.400	2270.00000	0.3066	1.00	6357.00000	0.3443
Dibromomethane	NA	NA	NA	0.400	1144.00000	0.1218	1.00	3549.00000	0.1485
Dichlorodifluoromethane	NA	NA	NA	0.400	4907.00000	0.5222	1.00	12562.0000	0.5256
Hexachlorobutadiene	NA	NA	NA	0.400	1912.00000	0.4449	1.00	5006.00000	0.4625
Isopropylbenzene	NA	NA	NA	0.400	14390.0000	1.944	1.00	38372.0000	2.078
Methylene Chloride	NA	NA	NA	0.400	3931.00000	0.4184	1.00	8750.00000	0.3661
Naphthalene	NA	NA	NA	0.400	9688.00000	2.254	1.00	24464.0000	2.260
Styrene	NA	NA	NA	0.400	8533.00000	1.153	1.00	22790.0000	1.234
Tetrachloroethene	NA	NA	NA	0.400	2470.00000	0.3337	1.00	6782.00000	0.3674
Trichloroethene	NA	NA	NA	0.400	2997.00000	0.3190	1.00	8122.00000	0.3398
Trichlorofluoromethane	NA	NA	NA	0.400	6530.00000	0.6950	1.00	15306.0000	0.6404
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	0.400	4511.00000	0.4801	1.00	11433.0000	0.4783
cis-1,3-Dichloropropene	NA	NA	NA	0.400	4284.00000	0.4559	1.00	11800.0000	0.4937
m-,p-Xylene	NA	NA	NA	0.800	12801.0000	0.8646	2.00	31209.0000	0.8452
n-Butylbenzene	NA	NA	NA	0.400	12466.0000	2.900	1.00	30526.0000	2.821
n-Propylbenzene	NA	NA	NA	0.400	17661.0000	4.109	1.00	46506.0000	4.297
o-Xylene	NA	NA	NA	0.400	5825.00000	0.7869	1.00	14318.0000	0.7755
p-Isopropyltoluene	NA	NA	NA	0.400	13197.0000	3.071	1.00	33644.0000	3.109
sec-Butylbenzene	NA	NA	NA	0.400	15347.0000	3.571	1.00	38052.0000	3.516
tert-Butylbenzene	NA	NA	NA	0.400	2598.00000	0.6045	1.00	6204.00000	0.5732
trans-1,2-Dichloroethene	NA	NA	NA	0.400	4464.00000	0.4751	1.00	11283.0000	0.4720
trans-1,3-Dichloropropene	NA	NA	NA	0.400	4435.00000	0.5991	1.00	10616.0000	0.5750

INITIAL CALIBRATION DATA

00092727

Login Number: L0611537 **Instrument ID:** HPMS8

Analytical Method: 8260B **Initial Calibration Date:** 03-NOV-06 21:42

Column ID: F

Analyte	WG226781-05			WG226781-06			WG226781-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	2.00	11494.0000	0.2416	5.00	27335.0000	0.2288	20.0	113376.000	0.2314
Dibromochloromethane	2.00	12085.0000	0.3299	5.00	33595.0000	0.3590	20.0	133236.000	0.3544
Dibromomethane	2.00	7176.00000	0.1508	5.00	19463.0000	0.1629	20.0	76024.0000	0.1552
Dichlorodifluoromethane	2.00	26349.0000	0.5538	5.00	60842.0000	0.5092	20.0	254703.000	0.5199
Hexachlorobutadiene	2.00	9418.00000	0.4419	5.00	24671.0000	0.4560	20.0	101410.000	0.4698
Isopropylbenzene	2.00	70992.0000	1.938	5.00	193754.000	2.071	20.0	815324.000	2.169
Methylene Chloride	2.00	15909.0000	0.3343	5.00	39636.0000	0.3317	20.0	159390.000	0.3253
Naphthalene	2.00	42251.0000	1.983	5.00	112752.000	2.084	20.0	416677.000	1.930
Styrene	2.00	42313.0000	1.155	5.00	121649.000	1.300	20.0	518323.000	1.379
Tetrachloroethene	2.00	13634.0000	0.3722	5.00	35168.0000	0.3758	20.0	148981.000	0.3963
Trichloroethene	2.00	15129.0000	0.3180	5.00	40522.0000	0.3391	20.0	167253.000	0.3414
Trichlorofluoromethane	2.00	32130.0000	0.6753	5.00	78761.0000	0.6591	20.0	329413.000	0.6723
Vinyl Acetate	2.00	16470.0000	0.3461	5.00	42351.0000	0.3544	20.0	178072.000	0.3635
cis-1,2-Dichloroethene	2.00	22176.0000	0.4661	5.00	60657.0000	0.5076	20.0	250322.000	0.5109
cis-1,3-Dichloropropene	2.00	22697.0000	0.4770	5.00	60193.0000	0.5037	20.0	248197.000	0.5066
m-,p-Xylene	4.00	59021.0000	0.8056	10.0	153752.000	0.8215	40.0	640489.000	0.8519
n-Butylbenzene	2.00	57051.0000	2.677	5.00	150627.000	2.784	20.0	634413.000	2.939
n-Propylbenzene	2.00	88092.0000	4.134	5.00	234548.000	4.335	20.0	984795.000	4.563
o-Xylene	2.00	27866.0000	0.7607	5.00	74321.0000	0.7942	20.0	311354.000	0.8282
p-Isopropyltoluene	2.00	62358.0000	2.926	5.00	166776.000	3.083	20.0	699245.000	3.240
sec-Butylbenzene	2.00	71367.0000	3.349	5.00	191346.000	3.537	20.0	804272.000	3.726
tert-Butylbenzene	2.00	12061.0000	0.5660	5.00	33091.0000	0.6116	20.0	138060.000	0.6396
trans-1,2-Dichloroethene	2.00	21963.0000	0.4616	5.00	59572.0000	0.4985	20.0	244767.000	0.4996
trans-1,3-Dichloropropene	2.00	20973.0000	0.5725	5.00	56049.0000	0.5990	20.0	225533.000	0.5999

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INITIAL CALIBRATION DATA

00092728

Login Number: L0611537 **Instrument ID:** HPMS8

Analytical Method: 8260B **Initial Calibration Date:** 03-NOV-06 21:42

Column ID: F

Analyte	WG226781-08			WG226781-09			WG226781-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	50.0	287098.000	0.2326	100	561826.000	0.2238	200	1101585.00	0.2224
Dibromochloromethane	50.0	372681.000	0.3843	100	736856.000	0.3693	200	1433517.00	0.3569
Dibromomethane	50.0	203911.000	0.1652	100	396469.000	0.1579	200	752834.000	0.1520
Dichlorodifluoromethane	50.0	620284.000	0.5024	100	1177187.00	0.4690	200	2236836.00	0.4515
Hexachlorobutadiene	50.0	260896.000	0.4499	100	507008.000	0.4264	200	955009.000	0.3926
Isopropylbenzene	50.0	1964000.00	2.025	100	3634156.00	1.821	200	6082842.00	1.514
Methylene Chloride	50.0	400222.000	0.3242	100	775817.000	0.3091	200	1522202.00	0.3073
Naphthalene	50.0	1201911.00	2.073	100	2241682.00	1.885	200	3853635.00	1.584
Styrene	50.0	1303856.00	1.345	100	2485901.00	1.246	200	4399878.00	1.095
Tetrachloroethene	50.0	370443.000	0.3820	100	702588.000	0.3521	200	1314419.00	0.3272
Trichloroethene	50.0	417710.000	0.3383	100	804703.000	0.3206	200	1506976.00	0.3042
Trichlorofluoromethane	50.0	842725.000	0.6826	100	1614773.00	0.6433	200	3176905.00	0.6413
Vinyl Acetate	50.0	498456.000	0.4038	100	939918.000	0.3744	200	1899761.00	0.3835
cis-1,2-Dichloroethene	50.0	689064.000	0.5581	100	1328856.00	0.5294	200	2586318.00	0.5221
cis-1,3-Dichloropropene	50.0	654005.000	0.5297	100	1264169.00	0.5036	200	2395545.00	0.4836
m-,p-Xylene	100	1547145.00	0.7978	200	2845429.00	0.7130	400	4765298.00	0.5931
n-Butylbenzene	50.0	1573147.00	2.713	100	2932903.00	2.467	200	5117860.00	2.104
n-Propylbenzene	50.0	2389181.00	4.120	100	4342777.00	3.653	200	6991127.00	2.874
o-Xylene	50.0	773591.000	0.7978	100	1502109.00	0.7528	200	2763427.00	0.6879
p-Isopropyltoluene	50.0	1719975.00	2.966	100	3189098.00	2.682	200	5424760.00	2.230
sec-Butylbenzene	50.0	1978822.00	3.413	100	3679737.00	3.095	200	6249917.00	2.569
tert-Butylbenzene	50.0	343957.000	0.5932	100	668856.000	0.5626	200	1281356.00	0.5268
trans-1,2-Dichloroethene	50.0	612805.000	0.4964	100	1163014.00	0.4633	200	2248157.00	0.4538
trans-1,3-Dichloropropene	50.0	601139.000	0.6199	100	1164959.00	0.5838	200	2207011.00	0.5494

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092729

Login Number: L0611537 Run Date: 11/20/2006 Sample ID: WG227929-12

Instrument ID: HPMS6 Run Time: 17:01 Method: 8260B

File ID: 6M62051 Analyst: CMS

ICal Workgroup: WG227929 Cal ID: HPMS6 - 20-NOV-06

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloroform	CCC	20.0	20.2	ug/L	0.497	1.00	30	
1,1-Dichloroethene	CCC	20.0	21.0	ug/L	0.387	5.00	30	
1,2-Dichloropropane	CCC	20.0	20.7	ug/L	0.228	3.30	30	
Ethylbenzene	CCC	20.0	21.8	ug/L	0.555	8.80	30	
Toluene	CCC	20.0	20.8	ug/L	1.42	4.20	30	
Vinyl Chloride	CCC	20.0	21.3	ug/L	0.195	6.60	30	
Bromoform	SPCC	20.0	19.8	ug/L	0.193	1.00	30	
Chlorobenzene	SPCC	20.0	20.8	ug/L	0.986	4.00	30	
Chloromethane	SPCC	20.0	20.5	ug/L	0.254	2.30	30	
1,1-Dichloroethane	SPCC	20.0	21.1	ug/L	0.456	5.70	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	20.3	ug/L	0.394	1.50	30	
Acetone		20.0	23.5	ug/L	0.0412	17.4	30	
Benzene		20.0	20.6	ug/L	0.965	3.10	30	
Bromobenzene		20.0	20.0	ug/L	0.738	0.200	30	
Bromochloromethane		20.0	20.8	ug/L	0.163	4.20	30	
Bromodichloromethane		20.0	21.2	ug/L	0.365	5.80	30	
Bromomethane		20.0	21.0	ug/L	0.176	5.10	30	
2-Butanone		20.0	23.8	ug/L	0.0569	18.8	30	
n-Butylbenzene		20.0	21.3	ug/L	2.47	6.40	30	
sec-Butylbenzene		20.0	21.2	ug/L	3.06	6.10	30	
tert-Butylbenzene		20.0	21.4	ug/L	0.553	7.20	30	
Carbon Disulfide		20.0	19.8	ug/L	0.655	0.900	30	
Carbon Tetrachloride		20.0	21.2	ug/L	0.429	6.10	30	
Dibromochloromethane		20.0	21.2	ug/L	0.318	5.80	30	
Chloroethane		20.0	20.9	ug/L	0.175	4.50	30	
2-Chloroethyl Vinyl Ether		20.0	17.9	ug/L	0.0618	10.5	30	
2-Chlorotoluene		20.0	20.2	ug/L	2.09	0.800	30	
4-Chlorotoluene		20.0	21.4	ug/L	2.22	6.80	30	
1,2-Dibromo-3-Chloropropane		20.0	21.4	ug/L	0.0834	7.00	30	
1,2-Dibromoethane		20.0	20.8	ug/L	0.241	3.90	30	
Dibromomethane		20.0	20.8	ug/L	0.131	4.20	30	
1,2-Dichlorobenzene		20.0	20.3	ug/L	1.33	1.70	30	
1,3-Dichlorobenzene		20.0	20.6	ug/L	1.49	3.00	30	
1,4-Dichlorobenzene		20.0	20.2	ug/L	1.52	0.800	30	
Dichlorodifluoromethane		20.0	20.7	ug/L	0.375	3.50	30	
1,2-Dichloroethane		20.0	20.1	ug/L	0.339	0.400	30	
cis-1,2-Dichloroethene		20.0	20.9	ug/L	0.280	4.30	30	
trans-1,2-Dichloroethene		20.0	20.6	ug/L	0.260	3.20	30	
1,3-Dichloropropane		20.0	21.2	ug/L	0.412	5.90	30	
2,2-Dichloropropane		20.0	22.0	ug/L	0.464	10.1	30	
cis-1,3-Dichloropropene		20.0	21.1	ug/L	0.402	5.40	30	
trans-1,3-Dichloropropene		20.0	20.2	ug/L	0.444	1.00	30	

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ALTERNATE SOURCE CALIBRATION REPORT

00092730

Login Number: L0611537 Run Date: 11/20/2006 Sample ID: WG227929-12

Instrument ID: HPMS6 Run Time: 17:01 Method: 8260B

File ID: 6M62051 Analyst: CMS

ICal Workgroup: WG227929 Cal ID: HPMS6 - 20-NOV-06

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloropropene		20.0	21.2	ug/L	0.383	6.10	30	
2-Hexanone		20.0	18.9	ug/L	0.0926	5.60	30	
Hexachlorobutadiene		20.0	21.2	ug/L	0.489	5.90	30	
Isopropylbenzene		20.0	19.5	ug/L	1.56	2.70	30	
p-Isopropyltoluene		20.0	20.6	ug/L	2.64	3.20	30	
4-Methyl-2-Pentanone		20.0	19.4	ug/L	0.0433	3.00	30	
Methylene Chloride		20.0	19.8	ug/L	0.255	0.900	30	
Naphthalene		20.0	21.0	ug/L	1.63	4.90	30	
n-Propylbenzene		20.0	21.0	ug/L	3.36	5.10	30	
Styrene		20.0	21.3	ug/L	1.09	6.60	30	
1,1,1,2-Tetrachloroethane		20.0	21.1	ug/L	0.385	5.50	30	
Tetrachloroethene		20.0	20.6	ug/L	0.407	3.10	30	
1,2,3-Trichlorobenzene		20.0	20.8	ug/L	0.867	3.90	30	
1,2,4-Trichlorobenzene		20.0	21.0	ug/L	1.04	5.10	30	
1,1,1-Trichloroethane		20.0	20.9	ug/L	0.482	4.50	30	
1,1,2-Trichloroethane		20.0	21.2	ug/L	0.229	5.90	30	
Trichloroethene		20.0	21.6	ug/L	0.300	8.00	30	
Trichlorofluoromethane		20.0	18.4	ug/L	0.491	8.10	30	
1,2,3-Trichloropropane		20.0	20.2	ug/L	0.318	0.900	30	
1,2,4-Trimethylbenzene		20.0	20.9	ug/L	2.64	4.50	30	
1,3,5-Trimethylbenzene		20.0	21.1	ug/L	2.51	5.70	30	
Vinyl Acetate		20.0	13.7	ug/L	0.197	31.5	40	
o-Xylene		20.0	20.8	ug/L	0.638	4.20	30	
m-,p-Xylene		40.0	42.7	ug/L	0.676	6.70	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00092731

Login Number: L0611537 Run Date: 11/04/2006 Sample ID: WG226781-11

Instrument ID: HPMS8 Run Time: 13:11 Method: 8260B

File ID: 8M331761 Analyst: MES

ICal Workgroup: WG226781 Cal ID: HPMS8 - 03-NOV-06

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloroform	CCC	20.0	20.6	ug/L	0.670	3.20	30	
1,1-Dichloroethene	CCC	20.0	20.3	ug/L	0.526	1.50	30	
1,2-Dichloropropane	CCC	20.0	21.5	ug/L	0.310	7.30	30	
Ethylbenzene	CCC	20.0	21.3	ug/L	0.685	6.30	30	
Toluene	CCC	20.0	20.9	ug/L	1.77	4.40	30	
Vinyl Chloride	CCC	20.0	17.7	ug/L	0.278	11.7	30	
Bromoform	SPCC	20.0	21.3	ug/L	0.246	6.30	30	
Chlorobenzene	SPCC	20.0	20.9	ug/L	1.20	4.50	30	
Chloromethane	SPCC	20.0	19.9	ug/L	0.341	0.500	30	
1,1-Dichloroethane	SPCC	20.0	20.5	ug/L	0.601	2.30	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	21.1	ug/L	0.571	5.70	30	
Acetone		20.0	25.9	ug/L	0.0653	29.6	30	
Benzene		20.0	20.5	ug/L	1.27	2.50	30	
Bromobenzene		20.0	21.3	ug/L	0.924	6.60	30	
Bromochloromethane		20.0	21.2	ug/L	0.195	6.00	30	
Bromodichloromethane		20.0	22.4	ug/L	0.506	11.9	30	
Bromomethane		20.0	20.3	ug/L	0.191	1.60	30	
2-Butanone		20.0	24.7	ug/L	0.0797	23.4	30	
n-Butylbenzene		20.0	21.1	ug/L	2.83	5.60	30	
sec-Butylbenzene		20.0	21.2	ug/L	3.55	6.00	30	
tert-Butylbenzene		20.0	20.7	ug/L	0.604	3.40	30	
Carbon Disulfide		20.0	20.4	ug/L	0.915	2.10	30	
Carbon Tetrachloride		20.0	21.5	ug/L	0.549	7.70	30	
Dibromochloromethane		20.0	22.5	ug/L	0.394	12.3	30	
Chloroethane		20.0	18.8	ug/L	0.216	5.80	30	
2-Chloroethyl Vinyl Ether		20.0	18.2	ug/L	0.0966	9.10	30	
2-Chlorotoluene		20.0	21.6	ug/L	2.98	7.80	30	
4-Chlorotoluene		20.0	20.8	ug/L	2.83	4.10	30	
1,2-Dibromo-3-Chloropropane		20.0	21.5	ug/L	0.123	7.40	30	
1,2-Dibromoethane		20.0	22.1	ug/L	0.305	10.5	30	
Dibromomethane		20.0	22.0	ug/L	0.167	10.1	30	
1,2-Dichlorobenzene		20.0	20.2	ug/L	1.61	1.10	30	
1,3-Dichlorobenzene		20.0	20.7	ug/L	1.78	3.40	30	
1,4-Dichlorobenzene		20.0	19.8	ug/L	1.83	0.800	30	
Dichlorodifluoromethane		20.0	17.5	ug/L	0.444	12.4	30	
1,2-Dichloroethane		20.0	21.7	ug/L	0.497	8.40	30	
cis-1,2-Dichloroethene		20.0	19.7	ug/L	0.500	1.30	30	
trans-1,2-Dichloroethene		20.0	20.2	ug/L	0.483	1.20	30	
1,3-Dichloropropane		20.0	21.9	ug/L	0.548	9.40	30	
2,2-Dichloropropane		20.0	22.4	ug/L	0.601	11.9	30	
cis-1,3-Dichloropropene		20.0	22.4	ug/L	0.554	12.0	30	
trans-1,3-Dichloropropene		20.0	20.5	ug/L	0.602	2.50	30	

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ALTERNATE SOURCE CALIBRATION REPORT

00092732

Login Number: L0611537 Run Date: 11/04/2006 Sample ID: WG226781-11
Instrument ID: HPMS8 Run Time: 13:11 Method: 8260B
File ID: 8M331761 Analyst: MES
ICal Workgroup: WG226781 Cal ID: HPMS8 - 03-NOV-06

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloropropene		20.0	21.4	ug/L	0.497	7.00	30	
2-Hexanone		20.0	21.6	ug/L	0.155	8.10	30	
Hexachlorobutadiene		20.0	20.8	ug/L	0.461	4.10	30	
Isopropylbenzene		20.0	20.1	ug/L	1.95	0.400	30	
p-Isopropyltoluene		20.0	20.8	ug/L	3.03	3.80	30	
4-Methyl-2-Pentanone		20.0	22.4	ug/L	0.0666	12.0	30	
Methylene Chloride		20.0	19.1	ug/L	0.324	4.60	30	
Naphthalene		20.0	21.3	ug/L	2.13	6.40	30	
n-Propylbenzene		20.0	21.4	ug/L	4.30	7.10	30	
Styrene		20.0	22.5	ug/L	1.39	12.4	30	
1,1,1,2-Tetrachloroethane		20.0	21.6	ug/L	0.453	7.90	30	
Tetrachloroethene		20.0	21.2	ug/L	0.386	6.20	30	
1,2,3-Trichlorobenzene		20.0	19.6	ug/L	0.995	1.80	30	
1,2,4-Trichlorobenzene		20.0	19.9	ug/L	1.16	0.300	30	
1,1,1-Trichloroethane		20.0	21.5	ug/L	0.652	7.30	30	
1,1,2-Trichloroethane		20.0	22.5	ug/L	0.305	12.4	30	
Trichloroethene		20.0	21.0	ug/L	0.344	5.00	30	
Trichlorofluoromethane		20.0	18.0	ug/L	0.596	10.2	30	
1,2,3-Trichloropropane		20.0	21.5	ug/L	0.199	7.30	30	
1,2,4-Trimethylbenzene		20.0	21.1	ug/L	3.34	5.70	30	
1,3,5-Trimethylbenzene		20.0	21.6	ug/L	3.23	8.00	30	
Vinyl Acetate		20.0	8.88	ug/L	0.165	55.6	40	*
o-Xylene		20.0	21.4	ug/L	0.828	7.00	30	
m-,p-Xylene		40.0	42.7	ug/L	0.840	6.80	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092733

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228431-02
Instrument ID: HPMS6 Run Time: 08:33 Method: 8260B
File ID: 6M62271 Analyst: CMS
Workgroup (AAB#): WG228433 Cal ID: HPMS6 - 20-NOV-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	47.0	0.463	6.00	ug/L	
1,1-Dichloroethene	CCC	50.0	49.4	0.365	1.10	ug/L	
1,2-Dichloropropane	CCC	50.0	49.1	0.216	1.80	ug/L	
Ethylbenzene	CCC	50.0	50.6	0.516	1.20	ug/L	
Toluene	CCC	50.0	49.5	1.35	1.10	ug/L	
Vinyl Chloride	CCC	50.0	53.2	0.184	6.40	ug/L	
Bromoform	SPCC	50.0	50.5	0.197	1.00	ug/L	
Chlorobenzene	SPCC	50.0	49.5	0.938	1.00	ug/L	
Chloromethane	SPCC	50.0	42.2	0.210	15.5	ug/L	
1,1-Dichloroethane	SPCC	50.0	49.5	0.427	1.10	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	47.7	0.371	4.50	ug/L	
Acetone		50.0	52.0	0.0365	4.10	ug/L	
Benzene		50.0	49.7	0.931	0.600	ug/L	
Bromobenzene		50.0	49.2	0.726	1.60	ug/L	
Bromochloromethane		50.0	49.7	0.156	0.500	ug/L	
Bromodichloromethane		50.0	47.6	0.328	4.90	ug/L	
Bromomethane		50.0	41.4	0.143	17.2	ug/L	
2-Butanone		50.0	49.1	0.0470	1.80	ug/L	
n-Butylbenzene		50.0	51.9	2.41	3.70	ug/L	
sec-Butylbenzene		50.0	51.8	2.99	3.60	ug/L	
tert-Butylbenzene		50.0	53.1	0.548	6.30	ug/L	
Carbon Disulfide		50.0	56.0	0.740	12.1	ug/L	
Carbon Tetrachloride		50.0	50.8	0.411	1.60	ug/L	
Dibromochloromethane		50.0	49.2	0.295	1.70	ug/L	
Chloroethane		50.0	50.7	0.170	1.30	ug/L	
2-Chloroethyl Vinyl Ether		50.0	47.1	0.0805	5.70	ug/L	
2-Chlorotoluene		50.0	49.1	2.03	1.90	ug/L	
4-Chlorotoluene		50.0	48.2	2.01	3.50	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	48.2	0.0750	3.70	ug/L	
1,2-Dibromoethane		50.0	47.5	0.220	5.00	ug/L	
Dibromomethane		50.0	46.6	0.118	6.80	ug/L	
1,2-Dichlorobenzene		50.0	49.0	1.28	2.00	ug/L	
1,3-Dichlorobenzene		50.0	49.9	1.45	0.300	ug/L	
1,4-Dichlorobenzene		50.0	48.8	1.47	2.50	ug/L	
Dichlorodifluoromethane		50.0	41.7	0.302	16.7	ug/L	
1,2-Dichloroethane		50.0	43.5	0.294	12.9	ug/L	
cis-1,2-Dichloroethene		50.0	50.0	0.268	0	ug/L	
trans-1,2-Dichloroethene		50.0	51.1	0.258	2.10	ug/L	
1,3-Dichloropropane		50.0	46.5	0.362	6.90	ug/L	
2,2-Dichloropropane		50.0	52.0	0.438	4.00	ug/L	
cis-1,3-Dichloropropene		50.0	49.8	0.380	0.400	ug/L	
trans-1,3-Dichloropropene		50.0	49.0	0.431	2.00	ug/L	

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CONTINUING CALIBRATION VERIFICATION (CCV)

00092734

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228431-02
Instrument ID: HPMS6 Run Time: 08:33 Method: 8260B
File ID: 6M62271 Analyst: CMS
Workgroup (AAB#): WG228433 Cal ID: HPMS6 - 20-NOV-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	49.6	0.358	0.800	ug/L	
2-Hexanone		50.0	45.9	0.0900	8.30	ug/L	
Hexachlorobutadiene		50.0	55.7	0.515	11.5	ug/L	
Isopropylbenzene		50.0	50.4	1.62	0.800	ug/L	
p-Isopropyltoluene		50.0	52.2	2.67	4.30	ug/L	
4-Methyl-2-Pentanone		50.0	51.0	0.0455	2.00	ug/L	
Methylene Chloride		50.0	45.9	0.237	8.10	ug/L	
Naphthalene		50.0	49.3	1.53	1.40	ug/L	
n-Propylbenzene		50.0	50.7	3.24	1.30	ug/L	
Styrene		50.0	51.2	1.05	2.40	ug/L	
1,1,1,2-Tetrachloroethane		50.0	49.7	0.362	0.700	ug/L	
Tetrachloroethene		50.0	49.9	0.394	0.200	ug/L	
1,2,3-Trichlorobenzene		50.0	49.1	0.820	1.70	ug/L	
1,2,4-Trichlorobenzene		50.0	50.0	0.990	0.100	ug/L	
1,1,1-Trichloroethane		50.0	48.8	0.450	2.40	ug/L	
1,1,2-Trichloroethane		50.0	47.0	0.203	5.90	ug/L	
Trichloroethene		50.0	51.4	0.286	2.90	ug/L	
Trichlorofluoromethane		50.0	46.4	0.496	7.30	ug/L	
1,2,3-Trichloropropane		50.0	47.8	0.301	4.40	ug/L	
1,2,4-Trimethylbenzene		50.0	49.0	2.48	1.90	ug/L	
1,3,5-Trimethylbenzene		50.0	50.5	2.39	1.00	ug/L	
Vinyl Acetate		50.0	33.1	0.190	33.8	ug/L	
o-Xylene		50.0	49.8	0.610	0.400	ug/L	
m-,p-Xylene		100	101	0.638	0.700	ug/L	
Xylenes		150	151	0.624	0.300	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092735

Login Number: L0611537 Run Date: 11/28/2006 Sample ID: WG228325-02
Instrument ID: HPMS8 Run Time: 06:56 Method: 8260B
File ID: 8M332368 Analyst: CMS
Workgroup (AAB#): WG228326 Cal ID: HPMS8 - 03-NOV-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	54.4	0.706	8.80	ug/L	
1,1-Dichloroethene	CCC	50.0	59.5	0.616	19.0	ug/L	
1,2-Dichloropropane	CCC	50.0	50.7	0.293	1.40	ug/L	
Ethylbenzene	CCC	50.0	51.6	0.665	3.20	ug/L	
Toluene	CCC	50.0	51.9	1.76	3.70	ug/L	
Vinyl Chloride	CCC	50.0	56.3	0.354	12.6	ug/L	
Bromoform	SPCC	50.0	53.6	0.248	7.20	ug/L	
Chlorobenzene	SPCC	50.0	51.5	1.18	3.00	ug/L	
Chloromethane	SPCC	50.0	57.5	0.394	15.0	ug/L	
1,1-Dichloroethane	SPCC	50.0	53.3	0.626	6.70	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	43.3	0.468	13.4	ug/L	
Acetone		50.0	53.3	0.0537	6.70	ug/L	
Benzene		50.0	51.3	1.27	2.50	ug/L	
Bromobenzene		50.0	49.4	0.856	1.20	ug/L	
Bromochloromethane		50.0	50.5	0.186	1.00	ug/L	
Bromodichloromethane		50.0	56.5	0.511	13.1	ug/L	
Bromomethane		50.0	52.7	0.198	5.50	ug/L	
2-Butanone		50.0	48.9	0.0632	2.20	ug/L	
n-Butylbenzene		50.0	51.4	2.75	2.80	ug/L	
sec-Butylbenzene		50.0	51.2	3.42	2.30	ug/L	
tert-Butylbenzene		50.0	49.9	0.584	0.200	ug/L	
Carbon Disulfide		50.0	53.5	0.958	6.90	ug/L	
Carbon Tetrachloride		50.0	60.5	0.617	21.1	ug/L	
Dibromochloromethane		50.0	54.2	0.380	8.30	ug/L	
Chloroethane		50.0	51.5	0.236	3.00	ug/L	
2-Chloroethyl Vinyl Ether		50.0	44.6	0.107	10.8	ug/L	
2-Chlorotoluene		50.0	48.7	2.69	2.60	ug/L	
4-Chlorotoluene		50.0	49.4	2.69	1.20	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	46.0	0.106	7.90	ug/L	
1,2-Dibromoethane		50.0	49.7	0.274	0.600	ug/L	
Dibromomethane		50.0	52.9	0.161	5.80	ug/L	
1,2-Dichlorobenzene		50.0	46.7	1.49	6.60	ug/L	
1,3-Dichlorobenzene		50.0	49.4	1.71	1.20	ug/L	
1,4-Dichlorobenzene		50.0	47.1	1.73	5.90	ug/L	
Dichlorodifluoromethane		50.0	51.8	0.525	3.60	ug/L	
1,2-Dichloroethane		50.0	55.7	0.511	11.4	ug/L	
cis-1,2-Dichloroethene		50.0	58.7	0.595	17.5	ug/L	
trans-1,2-Dichloroethene		50.0	55.0	0.526	10.1	ug/L	
1,3-Dichloropropane		50.0	48.5	0.486	2.90	ug/L	
2,2-Dichloropropane		50.0	64.3	0.691	28.6	ug/L	
cis-1,3-Dichloropropene		50.0	53.5	0.529	7.00	ug/L	
trans-1,3-Dichloropropene		50.0	52.2	0.613	4.40	ug/L	

KEMRON FORMS - Modified 09/06/2006
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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092736

Login Number: L0611537 Run Date: 11/28/2006 Sample ID: WG228325-02
Instrument ID: HPMS8 Run Time: 06:56 Method: 8260B
File ID: 8M332368 Analyst: CMS
Workgroup (AAB#): WG228326 Cal ID: HPMS8 - 03-NOV-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	56.1	0.521	12.1	ug/L	
2-Hexanone		50.0	45.2	0.129	9.60	ug/L	
Hexachlorobutadiene		50.0	51.1	0.453	2.20	ug/L	
Isopropylbenzene		50.0	54.3	2.11	8.50	ug/L	
p-Isopropyltoluene		50.0	52.1	3.04	4.20	ug/L	
4-Methyl-2-Pentanone		50.0	47.6	0.0566	4.80	ug/L	
Methylene Chloride		50.0	47.6	0.323	4.90	ug/L	
Naphthalene		50.0	42.1	1.69	15.9	ug/L	
n-Propylbenzene		50.0	51.9	4.16	3.70	ug/L	
Styrene		50.0	54.4	1.35	8.80	ug/L	
1,1,1,2-Tetrachloroethane		50.0	53.7	0.452	7.50	ug/L	
Tetrachloroethene		50.0	54.5	0.396	9.00	ug/L	
1,2,3-Trichlorobenzene		50.0	42.1	0.852	15.9	ug/L	
1,2,4-Trichlorobenzene		50.0	45.4	1.06	9.20	ug/L	
1,1,1-Trichloroethane		50.0	59.7	0.726	19.5	ug/L	
1,1,2-Trichloroethane		50.0	48.8	0.265	2.50	ug/L	
Trichloroethene		50.0	53.3	0.349	6.70	ug/L	
Trichlorofluoromethane		50.0	60.2	0.800	20.5	ug/L	
1,2,3-Trichloropropane		50.0	46.1	0.171	7.90	ug/L	
1,2,4-Trimethylbenzene		50.0	51.5	3.25	3.00	ug/L	
1,3,5-Trimethylbenzene		50.0	52.5	3.14	5.10	ug/L	
Vinyl Acetate		50.0	39.9	0.296	20.1	ug/L	
o-Xylene		50.0	51.9	0.802	3.70	ug/L	
m-,p-Xylene		100	106	0.830	5.50	ug/L	
Xylenes		150	157	0.816	4.90	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 637635
Report generated 12/01/2006 16:01

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092737

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228429-02
Instrument ID: HPMS8 Run Time: 08:15 Method: 8260B
File ID: 8M332394 Analyst: CMS
Workgroup (AAB#): WG228430 Cal ID: HPMS8 - 03-NOV-06

Analyte		Expected	Found	RF	%D	UNITS	Q
Chloroform	CCC	50.0	49.3	0.640	1.40	ug/L	
1,1-Dichloroethene	CCC	50.0	53.4	0.553	6.70	ug/L	
1,2-Dichloropropane	CCC	50.0	45.2	0.261	9.60	ug/L	
Ethylbenzene	CCC	50.0	48.2	0.621	3.60	ug/L	
Toluene	CCC	50.0	48.4	1.64	3.30	ug/L	
Vinyl Chloride	CCC	50.0	49.1	0.309	1.90	ug/L	
Bromoform	SPCC	50.0	48.3	0.223	3.40	ug/L	
Chlorobenzene	SPCC	50.0	48.2	1.11	3.60	ug/L	
Chloromethane	SPCC	50.0	50.9	0.349	1.80	ug/L	
1,1-Dichloroethane	SPCC	50.0	48.6	0.571	2.70	ug/L	
1,1,2,2-Tetrachloroethane	SPCC	50.0	39.9	0.431	20.2	ug/L	
Acetone		50.0	47.0	0.0474	6.00	ug/L	
Benzene		50.0	46.2	1.14	7.60	ug/L	
Bromobenzene		50.0	46.6	0.808	6.70	ug/L	
Bromochloromethane		50.0	45.1	0.166	9.90	ug/L	
Bromodichloromethane		50.0	50.7	0.458	1.30	ug/L	
Bromomethane		50.0	47.3	0.178	5.40	ug/L	
2-Butanone		50.0	42.9	0.0555	14.2	ug/L	
n-Butylbenzene		50.0	48.4	2.59	3.30	ug/L	
sec-Butylbenzene		50.0	48.4	3.24	3.30	ug/L	
tert-Butylbenzene		50.0	47.7	0.557	4.70	ug/L	
Carbon Disulfide		50.0	48.6	0.871	2.90	ug/L	
Carbon Tetrachloride		50.0	56.0	0.570	11.9	ug/L	
Dibromochloromethane		50.0	50.4	0.353	0.700	ug/L	
Chloroethane		50.0	43.6	0.199	12.9	ug/L	
2-Chloroethyl Vinyl Ether		50.0	38.1	0.0899	23.8	ug/L	
2-Chlorotoluene		50.0	47.2	2.61	5.50	ug/L	
4-Chlorotoluene		50.0	50.8	2.76	1.60	ug/L	
1,2-Dibromo-3-Chloropropane		50.0	42.3	0.0970	15.5	ug/L	
1,2-Dibromoethane		50.0	45.2	0.250	9.60	ug/L	
Dibromomethane		50.0	47.1	0.143	5.80	ug/L	
1,2-Dichlorobenzene		50.0	44.0	1.40	12.1	ug/L	
1,3-Dichlorobenzene		50.0	46.9	1.62	6.20	ug/L	
1,4-Dichlorobenzene		50.0	44.6	1.64	10.8	ug/L	
Dichlorodifluoromethane		50.0	43.5	0.441	13.0	ug/L	
1,2-Dichloroethane		50.0	50.2	0.460	0.300	ug/L	
cis-1,2-Dichloroethene		50.0	47.3	0.479	5.40	ug/L	
trans-1,2-Dichloroethene		50.0	49.9	0.477	0.100	ug/L	
1,3-Dichloropropane		50.0	43.9	0.440	12.1	ug/L	
2,2-Dichloropropane		50.0	58.7	0.631	17.5	ug/L	
cis-1,3-Dichloropropene		50.0	48.3	0.478	3.40	ug/L	
trans-1,3-Dichloropropene		50.0	48.5	0.570	2.90	ug/L	

KEMRON FORMS - Modified 09/06/2006
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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00092738

Login Number: L0611537 Run Date: 11/29/2006 Sample ID: WG228429-02
Instrument ID: HPMS8 Run Time: 08:15 Method: 8260B
File ID: 8M332394 Analyst: CMS
Workgroup (AAB#): WG228430 Cal ID: HPMS8 - 03-NOV-06

Analyte		Expected	Found	RF	%D	UNITS	Q
1,1-Dichloropropene		50.0	50.7	0.471	1.50	ug/L	
2-Hexanone		50.0	39.5	0.113	20.9	ug/L	
Hexachlorobutadiene		50.0	48.7	0.431	2.70	ug/L	
Isopropylbenzene		50.0	50.2	1.95	0.500	ug/L	
p-Isopropyltoluene		50.0	49.7	2.89	0.700	ug/L	
4-Methyl-2-Pentanone		50.0	40.4	0.0480	19.2	ug/L	
Methylene Chloride		50.0	42.6	0.289	14.9	ug/L	
Naphthalene		50.0	38.1	1.53	23.8	ug/L	
n-Propylbenzene		50.0	49.8	4.00	0.300	ug/L	
Styrene		50.0	50.0	1.24	0	ug/L	
1,1,1,2-Tetrachloroethane		50.0	50.3	0.423	0.600	ug/L	
Tetrachloroethene		50.0	50.7	0.368	1.40	ug/L	
1,2,3-Trichlorobenzene		50.0	38.3	0.776	23.3	ug/L	
1,2,4-Trichlorobenzene		50.0	41.9	0.978	16.2	ug/L	
1,1,1-Trichloroethane		50.0	54.3	0.661	8.70	ug/L	
1,1,2-Trichloroethane		50.0	43.9	0.238	12.2	ug/L	
Trichloroethene		50.0	48.7	0.319	2.60	ug/L	
Trichlorofluoromethane		50.0	52.2	0.693	4.30	ug/L	
1,2,3-Trichloropropane		50.0	42.1	0.156	15.8	ug/L	
1,2,4-Trimethylbenzene		50.0	49.2	3.10	1.70	ug/L	
1,3,5-Trimethylbenzene		50.0	50.3	3.01	0.700	ug/L	
Vinyl Acetate		50.0	31.8	0.236	36.4	ug/L	
o-Xylene		50.0	48.5	0.749	3.10	ug/L	
m-,p-Xylene		100	98.0	0.771	2.00	ug/L	
Xylenes		150	146	0.760	2.40	ug/L	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2006
Version 1.3 PDF File ID: 637635
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092739

Login Number:L0611537
Instrument ID:HPMS8
Workgroup (AAB#):WG228326

CCV Number:WG228325-02
CAL ID: HPMS8-03-NOV-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG228325-02	NA	NA	204453	333139	414484
Upper Limit	NA	NA	408906	666278	828968
Lower Limit	NA	NA	102227	166570	207242
L0611537-01	1.00	01	173128	288548	361783
L0611537-03	1.00	01	168049	278339	348292
L0611537-06	1.00	01	172835	284397	357466
L0611537-07	1.00	01	179669	294414	372357
L0611537-08	1.00	01	186672	301343	365885
L0611537-09	1.00	01	191476	308820	373723
L0611537-10	1.00	01	173627	285469	357008
WG228326-01	1.00	01	176345	294440	364975
WG228326-02	1.00	01	187084	305548	372335

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 637636
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092740

Login Number:L0611537
Instrument ID:HPMS6
Workgroup (AAB#):WG228433

CCV Number:WG228431-02
CAL ID: HPMS6-20-NOV-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG228431-02	NA	NA	371739	618690	793421
Upper Limit	NA	NA	743478	1237380	1586842
Lower Limit	NA	NA	185870	309345	396711
L0611537-04	1.00	02	303370	517023	663345
L0611537-05	1.00	02	297808	514961	655904
WG228433-01	1.00	01	343241	589146	758362
WG228433-02	1.00	01	350052	585467	742043
WG228433-03	1.00	01	348186	578362	743056

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 637636
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

00092741

Login Number:L0611537
Instrument ID:HPMS8
Workgroup (AAB#):WG228430

CCV Number:WG228649-01
CAL ID: HPMS8-03-NOV-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG228649-01	NA	NA	171794	290486	375376
Upper Limit	NA	NA	343588	580972	750752
Lower Limit	NA	NA	85897	145243	187688
L0611537-01	20.0	DL01	164613	276436	353219
L0611537-02	1.00	02	157278	261867	341830
WG228430-01	1.00	01	163809	272530	352515
WG228430-02	1.00	01	173909	286678	359724
WG228430-06	1.00	01	164683	275501	356265

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 637636
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092742

Login Number:L0611537 CCV Number:WG228325-02
Instrument ID:HPMS8 CAL ID: HPMS8-03-NOV-06
Workgroup (AAB#):WG228326 Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG228325-02	NA	NA	17.99	14.97	11.09
Upper Limit	NA	NA	18.49	15.47	11.59
Lower Limit	NA	NA	17.49	14.47	10.59
L0611537-01	1.00	01	17.99	14.97	11.1
L0611537-03	1.00	01	17.99	14.97	11.09
L0611537-06	1.00	01	17.99	14.97	11.1
L0611537-07	1.00	01	17.99	14.97	11.09
L0611537-08	1.00	01	17.99	14.97	11.09
L0611537-09	1.00	01	18	14.97	11.09
L0611537-10	1.00	01	17.99	14.97	11.09
WG228326-01	1.00	01	17.99	14.97	11.09
WG228326-02	1.00	01	17.99	14.97	11.1

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 637638
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092743

Login Number:L0611537
Instrument ID:HPMS6
Workgroup (AAB#):WG228433

CCV Number:WG228431-02
CAL ID: HPMS6-20-NOV-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG228431-02	NA	NA	19.52	15.95	11.45
Upper Limit	NA	NA	20.02	16.45	11.95
Lower Limit	NA	NA	19.02	15.45	10.95
L0611537-04	1.00	02	19.52	15.95	11.45
L0611537-05	1.00	02	19.51	15.95	11.45
WG228433-01	1.00	01	19.51	15.95	11.45
WG228433-02	1.00	01	19.51	15.95	11.45
WG228433-03	1.00	01	19.52	15.95	11.45

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 637638
Report generated 12/01/2006 16:01

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

00092744

Login Number:L0611537
Instrument ID:HPMS8
Workgroup (AAB#):WG228430

CCV Number:WG228649-01
CAL ID: HPMS8-03-NOV-06
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG228649-01	NA	NA	17.99	14.97	11.09
Upper Limit	NA	NA	18.49	15.47	11.59
Lower Limit	NA	NA	17.49	14.47	10.59
L0611537-01	20.0	DL01	17.99	14.97	11.09
L0611537-02	1.00	02	17.99	14.97	11.09
WG228430-01	1.00	01	17.99	14.97	11.09
WG228430-02	1.00	01	17.99	14.97	11.1
WG228430-06	1.00	01	17.99	14.97	11.09

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 04/18/2006
Version 1.3 PDF File ID: 637638
Report generated 12/01/2006 16:01

00092745

COC No. A 66599

156 Starlite Drive
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: Shaw E&I

Project Contact: Allen Willmore

Contact Phone #: (713) 996-4586 (713) 347-9212

Turn Around Requirements: 48-hour

Location: Karnack, Tx

Project #: 117591.0006A100

Project Name: Longhorn AAD

Sampler (print): Allen Willmore

Signature:

Program: ☐ NPDES ☐ AFCEE ☐ RCRA ☐ USAGE ☐ Other

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOCs 8260	ADDITIONAL REQUIREMENTS
29WW35-2nd		X	11/20/06	15:35			3		✓	
29WW36-2nd		X	11/17/06	11:50			3		✓	
29WW37-2nd		X	11/17/06	10:50			3		✓	
29WW38-2nd		X	11/20/06	14:25			3		✓	
29WW39-2nd		X	11/20/06	13:40			3		✓	
29WW40-2nd		X	11/21/06	0950			3		✓	
29WW40-2nd Dup		X	11/21/06	0950			3		✓	
29WW40-2nd MS		X	11/21/06	0950			3		✓	
29WW40-2nd MSD		X	11/21/06	0950			3		✓	
TRIP BLANK							3		✓	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
	11/21/06	17:30					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:
			Brenda Gregory	11/22/06	0930	6	C/C sealed Sig intact Bag

*Homogenize all composite samples prior to analysis

Page 1 of 1

B4623 00092746

SAMPLE RECEIPT FORM

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

Date: 11-22-06 Client: Shaw E&I

Shipped By: ( ) Fed-Ex (✓) UPS ( )DHL ( ) KEMRON ( ) Client ( ) Other

Opened By: JRA

Logged By: BLG Login # L06 11537

IR Temp Gun: ( ) D (✓) G

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	COC#	Other
1	0467	6	12 66V 725 01 9167 9350		
2					
3					
4					
5					
6					

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	(Y)	N	N/A
Were custody seals intact?	(Y)	N	N/A
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	(Y)	N	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	(Y)	N	N/A
Was the label information complete?*	(Y)	N	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	(Y)	N	N/A
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	(N)	N/A
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	Y	N	(N/A)

**Requires a discrepancy form*

Comments:_____

CRF #1
Revised 8/22/03

KEMRON Environmental Services
Internal Chain of Custody Report

00092747

Login: L0611537
Account: 2773
Project: 2773.025
Samples: 10
Due Date: 28-NOV-2006

Samplenum	Container ID	Products
L0611537-03	300502	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Samplenum	Container ID	Products
L0611537-07	300506	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:06	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:06	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092748

Login: L0611537
Account: 2773
Project: 2773.025
Samples: 10
Due Date: 28-NOV-2006

Samplenum	Container ID	Products
L0611537-02	300501	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Samplenum	Container ID	Products
L0611537-08	300507	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092749

Login: L0611537
Account: 2773
Project: 2773.025
Samples: 10
Due Date: 28-NOV-2006

Samplenum	Container ID	Products
L0611537-04	300503	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Samplenum	Container ID	Products
L0611537-01	300500	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092750

Login: L0611537
Account: 2773
Project: 2773.025
Samples: 10
Due Date: 28-NOV-2006

Samplenum	Container ID	Products
L0611537-06	300505	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Samplenum	Container ID	Products
L0611537-05	300504	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:05	MES	BRG

KEMRON Environmental Services
Internal Chain of Custody Report

00092751

Login: L0611537
Account: 2773
Project: 2773.025
Samples: 10
Due Date: 28-NOV-2006

Samplenum	Container ID	Products
L0611537-10	300509	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:06	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:06	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:06	MES	BRG

Samplenum	Container ID	Products
L0611537-09	300508	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:06	MES	BRG

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:06	MES	BRG

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			22-NOV-2006 09:59	BRG	
2	ANALYZ	L1	ORG4	22-NOV-2006 10:06	MES	BRG