LONGHORN ARMY AMMUNITION PLANT KARNACK, TEXAS

ADMINISTRATIVE RECORD

Volume 4 of 19

2010

Bate Stamp Numbers
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Prepared for

Department of the Army
Longhorn Army Ammunition Plant

1976 – 2010

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

VOLUME 4 of 19

2010

A. Title: Report (Continued) – Final Addendum to Final Feasibility Study LHAAP-16, Longhorn Army Ammunition Plant, Karnack, Texas
Author(s): Shaw Environmental, Inc., Houston, Texas
Recipient: All Stakeholders
Date: March 30, 2010
Bate Stamp: 00085340 - 00086193

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

Laboratory Report Number: L0706260

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

Cheryl Koelsch - Team Chemist/Data Specialist
ckoelsch@kemron-lab.com

Stephanie Mossburg - Team Chemist/Data Specialist
smossburg@kemron-lab.com

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

Amanda Fickiesen - Client Services Specialist
afickiesen@kemron-lab.com

Annie Bock - Client Services Specialist
abock@kemron-lab.com

Katie Barnes - Team Assistant
kbarnes@kemron-lab.com

Cara Strickler - Team Assistant
cstrickler@kemron-lab.com

Brenda Gregory - Client Services Specialist
bgregory@kemron-lab.com

This report was reviewed on June 26, 2007.

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 June 26, 2007.

David E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 369 pages.

Protecting Our Environmental Future

KEMRON REPORT L0706260
PREPARED FOR Shaw E I, Inc.
WORK ID: LONGHORN AAP KARNACK TX

1.0 Introduction

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0706260

CHAIN OF CUSTODY: The chain of custody number was 10209.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 5 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: 13-JUN-07
Stephanie Mossburg

Laboratory Data Package Cover Page

00085344

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	June 19, 2007
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:	L0706260
Project Name:	798-LONGHORN
Method:	9056-300
Prep Batch Number(s):	WG242680
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	June 12, 2007

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?			✓		1
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?	✓				2
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:	L0706260
Project Name:	798-LONGHORN
Method:	9056-300
Prep Batch Number(s):	WG242680
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	June 12, 2007

EXCEPTIONS REPORT
ER# - Description
1. The MS/MSD results were not associated with this sample delivery group.
2. The samples were run at a dilution only due to extremely high pre-run screen results for chloride and sulfate. This was done to avoid possible damage to the instrument.

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

Laboratory Data Package Cover Page

00085349

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	June 15, 2007
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:	L0706260
Project Name:	798-LONGHORN
Method:	CLO4-314
Prep Batch Number(s):	WG242735
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	June 14, 2007

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?	✓				1
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)	ERS
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:	L0706260
Project Name:	798-LONGHORN
Method:	CLO4-314
Prep Batch Number(s):	WG242735
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	June 14, 2007

EXCEPTIONS REPORT
ER# - Description
1. All samples were analyzed at a dilution only due to sample conductivity greater than the working MCT.

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

Laboratory Data Package Cover Page

00085354

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 I. Hesson	Conventional Lab Supervisor	June 19, 2007
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:	L0706260
Project Name:	798-LONGHORN
Method:	SULFIDE
Prep Batch Number(s):	WG242602
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 19, 2007

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)	ERS
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:	L0706260
Project Name:	798-LONGHORN
Method:	SULFIDE
Prep Batch Number(s):	WG242602
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 19, 2007

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

00085359

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 I. Hesson	Conventional Lab Supervisor	June 19, 2007
Name (Printed)	Signature	Official Title (printed)	DATE

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KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0706260
Project Name:	798-LONGHORN
Method:	ALKALINITY
Prep Batch Number(s):	WG242538
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 19, 2007

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)	RPD(3)
Were MS/MSD RPDs within laboratory QC limits?	✓				

Checklist ID: **18198**

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0706260
Project Name:	798-LONGHORN
Method:	ALKALINITY
Prep Batch Number(s):	WG242538
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 19, 2007

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?	✓				
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?			✓		

Checklist ID: **18198**

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0706260
Project Name:	798-LONGHORN
Method:	ALKALINITY
Prep Batch Number(s):	WG242538
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 19, 2007

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:	L0706260
Project Name:	798-LONGHORN
Method:	ALKALINITY
Prep Batch Number(s):	WG242538
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 19, 2007

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

00085365

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	June 19, 2007
Name (Printed)	Signature	Official Title (printed)	DATE

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KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0706260
Project Name:	798-LONGHORN
Method:	TOC
Prep Batch Number(s):	WG242441
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 19, 2007

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)	ERS
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:	L0706260
Project Name:	798-LONGHORN
Method:	TOC
Prep Batch Number(s):	WG242441
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 19, 2007

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

00085370

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	June 25, 2007
Name (Printed)	Signature	Official Title (printed)	DATE

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KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0706260
Project Name:	798-LONGHORN
Method:	RSK175
Prep Batch Number(s):	WG242838, WG243224, WG242715
Reviewer Name:	MIKE D. ALBERTSON
LRC Date:	June 25, 2007

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?		✓			1
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.

1) The RPD for carbon dioxide exceeded the upper control limit in the LCS/LCSD analyzed 06/15/07.

Footnotes:

(1) NA = Not applicable to method or project

(2) NR = Not reviewed

(3) ER# = Exception report number

2.1 Volatiles Data

2.1.1 Volatiles GCMS Data (8260)

2.1.1.1 Summary Data

KEMRON ENVIRONMENTAL SERVICES
GC/MS VOLATILE ORGANICS

KEMRON Login No.: L0706260

METHOD

Preparation: SW-846 5030B

Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.

Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded normally.

CALIBRATION

Initial Calibration: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.

Laboratory Control Sample: Bromomethane exceeded the upper advisory limit in the LCS/LCSD analyzed 06/18/07 on HPMS-8. Chloromethane exceeded the upper advisory limit in the LCS/LCSD analyzed 06/19/07 on HPMS-6. Chloromethane, vinyl chloride, and dichlorodifluoromethane exceeded the upper advisory limits in the LCS/LCSD analyzed 06/19/07 on HPMS-10. All other acceptance criteria were met.

Matrix Spike: The MS/MSD results were not associated with this sample delivery group (SDG), due to insufficient volume of sample. The laboratory included an LCS and LCS duplicate in the preparation batch in lieu of the NELAC prescribed MS/MSD. Kemron recommends site specific MS/MSD samples to avoid possible data qualifications.

SAMPLES

Internal Standards: All acceptance criteria were met.

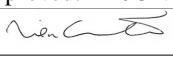
Surrogates: All acceptance criteria were met.

Samples: Samples 02, 03, and 04 required dilution analyses. Due to quadratic curve-fitting, the calculated concentration for vinyl chloride in the un-diluted analysis of sample 04 was below the reporting limit although the response exceeded the upper calibration limit. The dilution analysis of sample 04 yielded an on-scale vinyl chloride result.

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.

Analyst: CMS

Approved: 21-JUN-07



LABORATORY REPORT

00085379

L0706260

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW25	L0706260-01	8260B	1	12-JUN-07
16WW12	L0706260-02	8260B	1	12-JUN-07
16WW12	L0706260-02	8260B	50	12-JUN-07
16WW26	L0706260-03	8260B	1	12-JUN-07
16WW26	L0706260-03	8260B	50	12-JUN-07
16WW36	L0706260-04	8260B	1	12-JUN-07
16WW36	L0706260-04	8260B	100	12-JUN-07
16WW36	L0706260-04	8260B	500	12-JUN-07

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085380

Sample Number: **L0706260-01**
Client ID: **16WW25**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/11/2007 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: **06/19/2007 13:25**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 13:25**
File ID: **10M56250**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	5.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	5.00	0.125
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		U	10.0	0.250
1,1,2-Trichloroethane	79-00-5		U	5.00	0.250
1,1-Dichloroethane	75-34-3		U	5.00	0.125
1,1-Dichloroethene	75-35-4		U	5.00	0.500
1,2,4-Trichlorobenzene	120-82-1		U	5.00	0.200
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	5.00	0.250
1,2-Dichlorobenzene	95-50-1		U	5.00	0.125
1,2-Dichloroethane	107-06-2		U	5.00	0.250
cis-1,2-Dichloroethene	156-59-2	0.421	J	10.0	0.250
trans-1,2-Dichloroethene	156-60-5		U	5.00	0.250
1,2-Dichloropropane	78-87-5		U	5.00	0.200
1,3-Dichlorobenzene	541-73-1		U	5.00	0.250
1,4-Dichlorobenzene	106-46-7		U	5.00	0.125
2-Butanone	78-93-3		U	10.0	2.50
2-Hexanone	591-78-6		U	10.0	2.50
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	5.00	0.125
Bromodichloromethane	75-27-4		U	5.00	0.250
Bromoform	75-25-2		U	5.00	0.500
Bromomethane	74-83-9		U	10.0	0.500
Carbon disulfide	75-15-0		U	5.00	0.500
Carbon tetrachloride	56-23-5		U	5.00	0.250
Chlorobenzene	108-90-7		U	5.00	0.125
Chloroethane	75-00-3		U	10.0	0.500
Chloroform	67-66-3		U	5.00	0.125
Chloromethane	74-87-3		U	10.0	0.250
cis-1,3-Dichloropropene	10061-01-5		U	5.00	0.250
Cyclohexane	110-82-7		U	10.0	0.250
Dibromochloromethane	124-48-1		U	5.00	0.250
Dichlorodifluoromethane	75-71-8		U	10.0	0.250
Ethyl benzene	100-41-4		U	5.00	0.250
Isopropylbenzene	98-82-8		U	5.00	0.250
Methyl acetate	79-20-9		U	10.0	0.250
Methyl tert-butyl ether	1634-04-4		U	5.00	0.500
Methylcyclohexane	108-87-2		U	10.0	0.250
Methylene chloride	75-09-2	1.04	J	5.00	0.250
Styrene	100-42-5		U	5.00	0.125
Tetrachloroethene	127-18-4	0.629	J	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	5.00	0.500
Trichloroethene	79-01-6	0.534	J	5.00	0.250
Trichlorofluoromethane	75-69-4		U	10.0	0.250
Vinyl chloride	75-01-4		U	10.0	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085381

Sample Number: **L0706260-01**
Client ID: **16WW25**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/11/2007 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: **06/19/2007 13:25**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 13:25**
File ID: **10M56250**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	99.9	80	120	
Dibromofluoromethane	96.3	86	118	
p-Bromofluorobenzene	94.4	86	115	
Toluene-d8	97.1	88	110	

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: **L0706260**
Report Date : **June 25, 2007**

00085382

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/11/2007 12:25**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 16:14**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 16:14**
File ID: **8M337321**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	5.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	5.00	0.125
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	4.68	J	10.0	0.250
1,1,2-Trichloroethane	79-00-5		U	5.00	0.250
1,1-Dichloroethane	75-34-3	0.496	J	5.00	0.125
1,1-Dichloroethene	75-35-4	6.59		5.00	0.500
1,2,4-Trichlorobenzene	120-82-1		U	5.00	0.200
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	5.00	0.250
1,2-Dichlorobenzene	95-50-1		U	5.00	0.125
1,2-Dichloroethane	107-06-2	21.7		5.00	0.250
cis-1,2-Dichloroethene	156-59-2	106		10.0	0.250
trans-1,2-Dichloroethene	156-60-5	0.824	J	5.00	0.250
1,2-Dichloropropane	78-87-5		U	5.00	0.200
1,3-Dichlorobenzene	541-73-1		U	5.00	0.250
1,4-Dichlorobenzene	106-46-7		U	5.00	0.125
2-Butanone	78-93-3		U	10.0	2.50
2-Hexanone	591-78-6		U	10.0	2.50
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2	3.10	J	5.00	0.125
Bromodichloromethane	75-27-4		U	5.00	0.250
Bromoform	75-25-2		U	5.00	0.500
Bromomethane	74-83-9		U	10.0	0.500
Carbon disulfide	75-15-0		U	5.00	0.500
Carbon tetrachloride	56-23-5		U	5.00	0.250
Chlorobenzene	108-90-7		U	5.00	0.125
Chloroethane	75-00-3		U	10.0	0.500
Chloroform	67-66-3	0.441	J	5.00	0.125
Chloromethane	74-87-3		U	10.0	0.250
cis-1,3-Dichloropropene	10061-01-5		U	5.00	0.250
Cyclohexane	110-82-7		U	10.0	0.250
Dibromochloromethane	124-48-1		U	5.00	0.250
Dichlorodifluoromethane	75-71-8		U	10.0	0.250
Ethyl benzene	100-41-4		U	5.00	0.250
Isopropylbenzene	98-82-8		U	5.00	0.250
Methyl acetate	79-20-9		U	10.0	0.250
Methyl tert-butyl ether	1634-04-4		U	5.00	0.500
Methylcyclohexane	108-87-2		U	10.0	0.250
Methylene chloride	75-09-2	1.07	J	5.00	0.250
Styrene	100-42-5		U	5.00	0.125
Tetrachloroethene	127-18-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	5.00	0.500
Trichloroethene	79-01-6	1630	I	5.00	0.250
Trichlorofluoromethane	75-69-4		U	10.0	0.250
Vinyl chloride	75-01-4	21.0		10.0	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085383

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/11/2007 12:25**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 16:14**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 16:14**
File ID: **8M337321**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	93.7	80	120	
Dibromofluoromethane	96.9	86	118	
p-Bromofluorobenzene	93.4	86	115	
Toluene-d8	97.1	88	110	

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)

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085384

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/11/2007 12:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **50**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **06/19/2007 12:23**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 12:23**
File ID: **10M56248**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	250	12.5
1,1,2,2-Tetrachloroethane	79-34-5		U	250	6.25
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		U	500	12.5
1,1,2-Trichloroethane	79-00-5		U	250	12.5
1,1-Dichloroethane	75-34-3		U	250	6.25
1,1-Dichloroethene	75-35-4		U	250	25.0
1,2,4-Trichlorobenzene	120-82-1		U	250	10.0
1,2-Dibromo-3-chloropropane	96-12-8		U	250	50.0
1,2-Dibromoethane	106-93-4		U	250	12.5
1,2-Dichlorobenzene	95-50-1		U	250	6.25
1,2-Dichloroethane	107-06-2	19.8	J	250	12.5
cis-1,2-Dichloroethene	156-59-2	80.5	J	500	12.5
trans-1,2-Dichloroethene	156-60-5		U	250	12.5
1,2-Dichloropropane	78-87-5		U	250	10.0
1,3-Dichlorobenzene	541-73-1		U	250	12.5
1,4-Dichlorobenzene	106-46-7		U	250	6.25
2-Butanone	78-93-3		U	500	125
2-Hexanone	591-78-6		U	500	125
4-Methyl-2-pentanone	108-10-1		U	500	125
Acetone	67-64-1		U	500	125
Benzene	71-43-2		U	250	6.25
Bromodichloromethane	75-27-4		U	250	12.5
Bromoform	75-25-2		U	250	25.0
Bromomethane	74-83-9		U	500	25.0
Carbon disulfide	75-15-0		U	250	25.0
Carbon tetrachloride	56-23-5		U	250	12.5
Chlorobenzene	108-90-7		U	250	6.25
Chloroethane	75-00-3		U	500	25.0
Chloroform	67-66-3		U	250	6.25
Chloromethane	74-87-3		U	500	12.5
cis-1,3-Dichloropropene	10061-01-5		U	250	12.5
Cyclohexane	110-82-7		U	500	12.5
Dibromochloromethane	124-48-1		U	250	12.5
Dichlorodifluoromethane	75-71-8		U	500	12.5
Ethyl benzene	100-41-4		U	250	12.5
Isopropylbenzene	98-82-8		U	250	12.5
Methyl acetate	79-20-9		U	500	12.5
Methyl tert-butyl ether	1634-04-4		U	250	25.0
Methylcyclohexane	108-87-2		U	500	12.5
Methylene chloride	75-09-2		U	250	12.5
Styrene	100-42-5		U	250	6.25
Tetrachloroethene	127-18-4		U	250	12.5
Toluene	108-88-3		U	250	12.5
trans-1,3-Dichloropropene	10061-02-6		U	250	25.0
Trichloroethene	79-01-6	3840		250	12.5
Trichlorofluoromethane	75-69-4		U	500	12.5
Vinyl chloride	75-01-4	17.7	J	500	12.5
Xylenes, Total	1330-20-7		U	250	25.0

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085385

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/11/2007 12:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **50**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **06/19/2007 12:23**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 12:23**
File ID: **10M56248**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	94.0	80	120	
Dibromofluoromethane	93.1	86	118	
p-Bromofluorobenzene	95.0	86	115	
Toluene-d8	98.2	88	110	

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: **L0706260**
Report Date : **June 25, 2007**

00085386

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/11/2007 13:15**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 16:44**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 16:44**
File ID: **8M337322**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	5.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	5.00	0.125
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	36.7		10.0	0.250
1,1,2-Trichloroethane	79-00-5	0.275	J	5.00	0.250
1,1-Dichloroethane	75-34-3	0.283	J	5.00	0.125
1,1-Dichloroethene	75-35-4	3.53	J	5.00	0.500
1,2,4-Trichlorobenzene	120-82-1		U	5.00	0.200
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	5.00	0.250
1,2-Dichlorobenzene	95-50-1		U	5.00	0.125
1,2-Dichloroethane	107-06-2	0.643	J	5.00	0.250
cis-1,2-Dichloroethene	156-59-2	166		10.0	0.250
trans-1,2-Dichloroethene	156-60-5	1.28	J	5.00	0.250
1,2-Dichloropropane	78-87-5		U	5.00	0.200
1,3-Dichlorobenzene	541-73-1		U	5.00	0.250
1,4-Dichlorobenzene	106-46-7		U	5.00	0.125
2-Butanone	78-93-3		U	10.0	2.50
2-Hexanone	591-78-6		U	10.0	2.50
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	5.00	0.125
Bromodichloromethane	75-27-4		U	5.00	0.250
Bromoform	75-25-2		U	5.00	0.500
Bromomethane	74-83-9		U	10.0	0.500
Carbon disulfide	75-15-0		U	5.00	0.500
Carbon tetrachloride	56-23-5		U	5.00	0.250
Chlorobenzene	108-90-7		U	5.00	0.125
Chloroethane	75-00-3		U	10.0	0.500
Chloroform	67-66-3	1.97	J	5.00	0.125
Chloromethane	74-87-3		U	10.0	0.250
cis-1,3-Dichloropropene	10061-01-5		U	5.00	0.250
Cyclohexane	110-82-7		U	10.0	0.250
Dibromochloromethane	124-48-1		U	5.00	0.250
Dichlorodifluoromethane	75-71-8		U	10.0	0.250
Ethyl benzene	100-41-4		U	5.00	0.250
Isopropylbenzene	98-82-8		U	5.00	0.250
Methyl acetate	79-20-9		U	10.0	0.250
Methyl tert-butyl ether	1634-04-4		U	5.00	0.500
Methylcyclohexane	108-87-2		U	10.0	0.250
Methylene chloride	75-09-2	1.57	J	5.00	0.250
Styrene	100-42-5		U	5.00	0.125
Tetrachloroethene	127-18-4	0.540	J	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	5.00	0.500
Trichloroethene	79-01-6	1790	I	5.00	0.250
Trichlorofluoromethane	75-69-4		U	10.0	0.250
Vinyl chloride	75-01-4	6.22	J	10.0	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085387

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/11/2007 13:15**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 16:44**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 16:44**
File ID: **8M337322**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	94.9	80	120	
Dibromofluoromethane	97.3	86	118	
p-Bromofluorobenzene	91.6	86	115	
Toluene-d8	97.0	88	110	

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)

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085388

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/11/2007 13:15**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **50**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **06/19/2007 12:54**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 12:54**
File ID: **10M56249**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	250	12.5
1,1,2,2-Tetrachloroethane	79-34-5		U	250	6.25
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	30.8	J	500	12.5
1,1,2-Trichloroethane	79-00-5		U	250	12.5
1,1-Dichloroethane	75-34-3		U	250	6.25
1,1-Dichloroethene	75-35-4		U	250	25.0
1,2,4-Trichlorobenzene	120-82-1		U	250	10.0
1,2-Dibromo-3-chloropropane	96-12-8		U	250	50.0
1,2-Dibromoethane	106-93-4		U	250	12.5
1,2-Dichlorobenzene	95-50-1		U	250	6.25
1,2-Dichloroethane	107-06-2		U	250	12.5
cis-1,2-Dichloroethene	156-59-2	123	J	500	12.5
trans-1,2-Dichloroethene	156-60-5		U	250	12.5
1,2-Dichloropropane	78-87-5		U	250	10.0
1,3-Dichlorobenzene	541-73-1		U	250	12.5
1,4-Dichlorobenzene	106-46-7		U	250	6.25
2-Butanone	78-93-3		U	500	125
2-Hexanone	591-78-6		U	500	125
4-Methyl-2-pentanone	108-10-1		U	500	125
Acetone	67-64-1		U	500	125
Benzene	71-43-2		U	250	6.25
Bromodichloromethane	75-27-4		U	250	12.5
Bromoform	75-25-2		U	250	25.0
Bromomethane	74-83-9		U	500	25.0
Carbon disulfide	75-15-0		U	250	25.0
Carbon tetrachloride	56-23-5		U	250	12.5
Chlorobenzene	108-90-7		U	250	6.25
Chloroethane	75-00-3		U	500	25.0
Chloroform	67-66-3		U	250	6.25
Chloromethane	74-87-3		U	500	12.5
cis-1,3-Dichloropropene	10061-01-5		U	250	12.5
Cyclohexane	110-82-7		U	500	12.5
Dibromochloromethane	124-48-1		U	250	12.5
Dichlorodifluoromethane	75-71-8		U	500	12.5
Ethyl benzene	100-41-4		U	250	12.5
Isopropylbenzene	98-82-8		U	250	12.5
Methyl acetate	79-20-9		U	500	12.5
Methyl tert-butyl ether	1634-04-4		U	250	25.0
Methylcyclohexane	108-87-2		U	500	12.5
Methylene chloride	75-09-2		U	250	12.5
Styrene	100-42-5		U	250	6.25
Tetrachloroethene	127-18-4		U	250	12.5
Toluene	108-88-3		U	250	12.5
trans-1,3-Dichloropropene	10061-02-6		U	250	25.0
Trichloroethene	79-01-6	4070		250	12.5
Trichlorofluoromethane	75-69-4		U	500	12.5
Vinyl chloride	75-01-4		U	500	12.5
Xylenes, Total	1330-20-7		U	250	25.0

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/11/2007 13:15**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **50**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **06/19/2007 12:54**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 12:54**
File ID: **10M56249**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	94.8	80	120	
Dibromofluoromethane	94.4	86	118	
p-Bromofluorobenzene	95.3	86	115	
Toluene-d8	96.7	88	110	

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: **L0706260**
Report Date : **June 25, 2007**

00085390

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/11/2007 13:45**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 17:13**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 17:13**
File ID: **8M337323**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	5.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	5.00	0.125
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	277	I	10.0	0.250
1,1,2-Trichloroethane	79-00-5	4.38	J	5.00	0.250
1,1-Dichloroethane	75-34-3	6.44		5.00	0.125
1,1-Dichloroethene	75-35-4	97.1		5.00	0.500
1,2,4-Trichlorobenzene	120-82-1		U	5.00	0.200
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	5.00	0.250
1,2-Dichlorobenzene	95-50-1		U	5.00	0.125
1,2-Dichloroethane	107-06-2	19.8		5.00	0.250
cis-1,2-Dichloroethene	156-59-2	2670	I	10.0	0.250
trans-1,2-Dichloroethene	156-60-5	67.8		5.00	0.250
1,2-Dichloropropane	78-87-5		U	5.00	0.200
1,3-Dichlorobenzene	541-73-1		U	5.00	0.250
1,4-Dichlorobenzene	106-46-7		U	5.00	0.125
2-Butanone	78-93-3		U	10.0	2.50
2-Hexanone	591-78-6		U	10.0	2.50
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2	0.458	J	5.00	0.125
Bromodichloromethane	75-27-4		U	5.00	0.250
Bromoform	75-25-2		U	5.00	0.500
Bromomethane	74-83-9		U	10.0	0.500
Carbon disulfide	75-15-0		U	5.00	0.500
Carbon tetrachloride	56-23-5		U	5.00	0.250
Chlorobenzene	108-90-7	0.126	J	5.00	0.125
Chloroethane	75-00-3		U	10.0	0.500
Chloroform	67-66-3	10.1		5.00	0.125
Chloromethane	74-87-3		U	10.0	0.250
cis-1,3-Dichloropropene	10061-01-5		U	5.00	0.250
Cyclohexane	110-82-7	0.331	J	10.0	0.250
Dibromochloromethane	124-48-1		U	5.00	0.250
Dichlorodifluoromethane	75-71-8		U	10.0	0.250
Ethyl benzene	100-41-4	0.393	J	5.00	0.250
Isopropylbenzene	98-82-8		U	5.00	0.250
Methyl acetate	79-20-9		U	10.0	0.250
Methyl tert-butyl ether	1634-04-4		U	5.00	0.500
Methylcyclohexane	108-87-2		U	10.0	0.250
Methylene chloride	75-09-2	0.751	J	5.00	0.250
Styrene	100-42-5		U	5.00	0.125
Tetrachloroethene	127-18-4	2.18	J	5.00	0.250
Toluene	108-88-3	1.70	J	5.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	5.00	0.500
Trichloroethene	79-01-6	3350	I	5.00	0.250
Trichlorofluoromethane	75-69-4		U	10.0	0.250
Vinyl chloride	75-01-4		I	10.0	0.250
Xylenes, Total	1330-20-7	2.33	J	5.00	0.500

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085391

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/11/2007 13:45**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 17:13**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 17:13**
File ID: **8M337323**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	94.1	80	120	
Dibromofluoromethane	97.3	86	118	
p-Bromofluorobenzene	89.8	86	115	
Toluene-d8	91.9	88	110	

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)

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085392

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242966**
Collect Date: **06/11/2007 13:45**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **06/19/2007 14:42**
Cal Date: **05/08/2007 16:28**
Run Date: **06/19/2007 14:42**
File ID: **6M66840**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	500	25.0
1,1,2,2-Tetrachloroethane	79-34-5		U	500	12.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	253	J	1000	25.0
1,1,2-Trichloroethane	79-00-5		U	500	25.0
1,1-Dichloroethane	75-34-3		U	500	12.5
1,1-Dichloroethene	75-35-4	58.1	J	500	50.0
1,2,4-Trichlorobenzene	120-82-1		U	500	20.0
1,2-Dibromo-3-chloropropane	96-12-8		U	500	100
1,2-Dibromoethane	106-93-4		U	500	25.0
1,2-Dichlorobenzene	95-50-1		U	500	12.5
1,2-Dichloroethane	107-06-2		U	500	25.0
cis-1,2-Dichloroethene	156-59-2	8620		1000	25.0
trans-1,2-Dichloroethene	156-60-5		U	500	25.0
1,2-Dichloropropane	78-87-5		U	500	20.0
1,3-Dichlorobenzene	541-73-1		U	500	25.0
1,4-Dichlorobenzene	106-46-7		U	500	12.5
2-Butanone	78-93-3		U	1000	250
2-Hexanone	591-78-6		U	1000	250
4-Methyl-2-pentanone	108-10-1		U	1000	250
Acetone	67-64-1		U	1000	250
Benzene	71-43-2		U	500	12.5
Bromodichloromethane	75-27-4		U	500	25.0
Bromoform	75-25-2		U	500	50.0
Bromomethane	74-83-9		U	1000	50.0
Carbon disulfide	75-15-0		U	500	50.0
Carbon tetrachloride	56-23-5		U	500	25.0
Chlorobenzene	108-90-7		U	500	12.5
Chloroethane	75-00-3		U	1000	50.0
Chloroform	67-66-3		U	500	12.5
Chloromethane	74-87-3		U	1000	25.0
cis-1,3-Dichloropropene	10061-01-5		U	500	25.0
Cyclohexane	110-82-7		U	1000	25.0
Dibromochloromethane	124-48-1		U	500	25.0
Dichlorodifluoromethane	75-71-8		U	1000	25.0
Ethyl benzene	100-41-4		U	500	25.0
Isopropylbenzene	98-82-8		U	500	25.0
Methyl acetate	79-20-9		U	1000	25.0
Methyl tert-butyl ether	1634-04-4		U	500	50.0
Methylcyclohexane	108-87-2		U	1000	25.0
Methylene chloride	75-09-2		U	500	25.0
Styrene	100-42-5		U	500	12.5
Tetrachloroethene	127-18-4		U	500	25.0
Toluene	108-88-3		U	500	25.0
trans-1,3-Dichloropropene	10061-02-6		U	500	50.0
Trichloroethene	79-01-6	25400	I	500	25.0
Trichlorofluoromethane	75-69-4		U	1000	25.0
Vinyl chloride	75-01-4	273	J	1000	25.0
Xylenes, Total	1330-20-7		U	500	50.0

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085393

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242966**
Collect Date: **06/11/2007 13:45**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **06/19/2007 14:42**
Cal Date: **05/08/2007 16:28**
Run Date: **06/19/2007 14:42**
File ID: **6M66840**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	101	80	120	
Dibromofluoromethane	105	86	118	
p-Bromofluorobenzene	95.3	86	115	
Toluene-d8	92.9	88	110	

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)

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085394

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242966**
Collect Date: **06/11/2007 13:45**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **500**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **06/19/2007 15:46**
Cal Date: **05/08/2007 16:28**
Run Date: **06/19/2007 15:46**
File ID: **6M66842**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	2500	125
1,1,2,2-Tetrachloroethane	79-34-5		U	2500	62.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	197	J	5000	125
1,1,2-Trichloroethane	79-00-5		U	2500	125
1,1-Dichloroethane	75-34-3		U	2500	62.5
1,1-Dichloroethene	75-35-4		U	2500	250
1,2,4-Trichlorobenzene	120-82-1		U	2500	100
1,2-Dibromo-3-chloropropane	96-12-8		U	2500	500
1,2-Dibromoethane	106-93-4		U	2500	125
1,2-Dichlorobenzene	95-50-1		U	2500	62.5
1,2-Dichloroethane	107-06-2		U	2500	125
cis-1,2-Dichloroethene	156-59-2	9480		5000	125
trans-1,2-Dichloroethene	156-60-5		U	2500	125
1,2-Dichloropropane	78-87-5		U	2500	100
1,3-Dichlorobenzene	541-73-1		U	2500	125
1,4-Dichlorobenzene	106-46-7		U	2500	62.5
2-Butanone	78-93-3		U	5000	1250
2-Hexanone	591-78-6		U	5000	1250
4-Methyl-2-pentanone	108-10-1		U	5000	1250
Acetone	67-64-1		U	5000	1250
Benzene	71-43-2		U	2500	62.5
Bromodichloromethane	75-27-4		U	2500	125
Bromoform	75-25-2		U	2500	250
Bromomethane	74-83-9		U	5000	250
Carbon disulfide	75-15-0		U	2500	250
Carbon tetrachloride	56-23-5		U	2500	125
Chlorobenzene	108-90-7		U	2500	62.5
Chloroethane	75-00-3		U	5000	250
Chloroform	67-66-3		U	2500	62.5
Chloromethane	74-87-3		U	5000	125
cis-1,3-Dichloropropene	10061-01-5		U	2500	125
Cyclohexane	110-82-7		U	5000	125
Dibromochloromethane	124-48-1		U	2500	125
Dichlorodifluoromethane	75-71-8		U	5000	125
Ethyl benzene	100-41-4		U	2500	125
Isopropylbenzene	98-82-8		U	2500	125
Methyl acetate	79-20-9		U	5000	125
Methyl tert-butyl ether	1634-04-4		U	2500	250
Methylcyclohexane	108-87-2		U	5000	125
Methylene chloride	75-09-2		U	2500	125
Styrene	100-42-5		U	2500	62.5
Tetrachloroethene	127-18-4		U	2500	125
Toluene	108-88-3		U	2500	125
trans-1,3-Dichloropropene	10061-02-6		U	2500	250
Trichloroethene	79-01-6	29200		2500	125
Trichlorofluoromethane	75-69-4		U	5000	125
Vinyl chloride	75-01-4	372	J	5000	125
Xylenes, Total	1330-20-7		U	2500	250

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085395

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242966**
Collect Date: **06/11/2007 13:45**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **500**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **06/19/2007 15:46**
Cal Date: **05/08/2007 16:28**
Run Date: **06/19/2007 15:46**
File ID: **6M66842**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	107	80	120	
Dibromofluoromethane	107	86	118	
p-Bromofluorobenzene	98.6	86	115	
Toluene-d8	94.6	88	110	

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

2.1.1.2 QC Summary Data

Example 8260 Calculations

1.0 Calculating the Response Factor (RF) from the initial calibration (ICAL) data:

RF = [(Ax) (Cis)] / [(Ais) (Cx)]

where:	Example
Ax = Area of the characteristic ion for the compound being measured:	3399156
Cis = Concentration of the specific internal standard (ug/mL)	25
Ais = Area of the characteristic ion of the specific internal standard	846471
Cx = Concentration of the compound in the standard being measured (ug/mL)	100
RF = Calculated Response Factor	**1.0039**

2.0 Calculating the concentration (C) of a compound in water using the average RF: *

Cx = [(Ax) (Cis) (Vn)(D)] / [(Ais) (RF) (Vs)]

where:	**Example**
Ax = Area of the characteristic ion for the compound being measured	**3122498**
Cis = Concentration of the specific internal standard (ug/L)	**25**
D = Dilution factor for sample as a multiplier (10x = 10)	**1**
Ais = Area of the characteristic ion of the specific internal standard	**611048**
RF = Average RF from the ICAL	**1.004**
Vs = Purge volume of sample (mL)	**10**
Vn = Nominal purge volume of sample (mL) (10.0 mL)	**10**
Cx = Concentration of the compound in the sample being measured (ug/L)	**127.2428**

3.0 Calculating the concentration (C) of a compound in soil using the average RF: *

Cx = [(Ax) (Cis) (Wn)(D)] / [(Ais) (RF) (Ws)]

where:	**Example**
Ax = Area of the characteristic ion for the compound being measured	**3122498**
Cis = Concentration of the specific internal standard (ug/L)	**25**
D = Dilution factor for sample as a multiplier (10x = 10)	**1**
Ais = Area of the characteristic ion of the specific internal standard	**611048**
RF = Average RF from the ICAL	**1.004**
Ws = Weight of sample purged (g)	**5**
Wn = Nominal purge weight (g) (5.0 g)	**5**
Cx = Concentration of the compound in the sample being measured (ug/L)	**127.2428**

Dry weight correction:

Percent solids (PCT_S)	**50**
Cd = (Cx) (100)/PCT_S	**254.4856**

* Concentrations appearing on the instrument quantitation reports are on-column results and do not take into account initial volume, final volume, and the dilution factor.

4.0 Concentration from Linear Regression

Step 1: Retrieve Curve Data From Plot, y = mx + b

y = response ratio = response of analyte / response of IS = Ax/Ais

x = amount ratio = concentration analyte/concentration internal standard = Cx / Cis

m = slope from curve = 0.213

b = intercept from curve = - 0.00642

Step 2: Calculate y from Quantitation Report

y = 86550/593147 = 0.1459

Step 3: Solve for x

x = (y - b)/m = [(0.1459 -(- 0.00642)]/ 0.213 = 0.7152

Step 4: Solve for analyte concentration Cx

Cx = Cis (x) = (25.0)(0.7152) = 17.88

Example Spreadsheet Calculation:

Slope from curve, m:	**0.213**
Intercept from curve, b:	**-0.00642**
Area of analyte, Ax:	**86550**
Area of Internal Standard , Ais:	**593147**
Concentration of IS, Cis	**25.00**
Response Ratio:	**0.145917**
Amount Ratio:	**0.715195**
Concentration:	**17.87988**
Units of Internal Standard:	**ug/L**

5.0 Concentration from Quadratic Regression

Step 1 - Retrieve Curve Data from Plot, y = Ax^2 + Bx + C
Where:
Ax^2 + Bx + (C - y) = 0
A, B, C = constants from the ICAL quadratic regression
y = Response ratio = Area of analyte/Area of internal standard (IS)
x = Amount ratio = Concentration of analyte/concentration of IS

Step 2: Calculate y from Quantitation Report

y = Ax/Ais

Step 3: Solve for x using the quadratic formula
Ax^2 + Bx + C - y = 0

$$x = \frac{b \pm \sqrt{\left(b^2 - 4a(c - y)\right)}}{2a}$$ (Two possible solutions)

Step 4: Solve for analyte concentration Cx

Cx = (Cis)(Amount ratio)

Example Spreadsheet Calculation:

Value of A from plot:	**-0.00629**	
Value of B from plot:	**0.511**	
Value of C from plot:	**-0.0276**	
Area of unknown from quantitation report:	**293821**	
Area of IS from quantiation report:	**784848**	
Response ratio, y:	**0.374367**	
C - y:	**-0.40197**	
Root 1 - Computed amount ratio , X1:	**80.44567**	
Root 2 - Computed amount ratio , X2:	**0.794396**	use this solution
Concentration of IS, Cis:	**25.00**	
Concentration of analyte, Cx:	**19.86**	ug/L

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 050607
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: 19052

Internal Standard: STD19068 Surrogate Standard: STD19230
CCV: STD19238 LCS: STD19189 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG239619

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M336159	WG239619-01 BFB 50ng STD 8260	NA	1	1	STD19115	05/06/07 13:14
2	8M336160	SYSTEM BLANK	NA	1	1		05/06/07 13:48
3	8M336161	WG239619-02 0.30ug/L STD 8260	NA	1	1	STD19238	05/06/07 14:19
4	8M336162	WG239619-03 0.40ug/L STD 8260	NA	1	1	STD19238	05/06/07 15:02
5	8M336163	WG239619-04 1ug/L STD 8260	NA	1	1	STD19238	05/06/07 15:32
6	8M336164	WG239619-05 2ug/L STD 8260	NA	1	1	STD19238	05/06/07 16:01
7	8M336165	WG239619-06 5ug/L STD 8260	NA	1	1	STD19238	05/06/07 16:31
8	8M336166	WG239619-07 20ug/L STD 8260	NA	1	1	STD19238	05/06/07 17:01
9	8M336167	WG239619-08 50ug/L STD 8260	NA	1	1	STD19238	05/06/07 17:30
10	8M336168	WG239619-09 100ug/L STD 8260	NA	1	1	STD19238	05/06/07 18:00
11	8M336169	WG239619-10 200ug/L STD 8260	NA	1	1	STD19238	05/06/07 18:30
12	8M336170	WG239619-11 300ug/L STD 8260	NA	1	1	STD19238	05/06/07 18:59
13	8M336171	SYSTEM BLANK	NA	1	1		05/06/07 19:29
14	8M336172	SYSTEM BLANK	NA	1	1		05/06/07 19:59
15	8M336173	WG239619-12 20ug/L ALT SOURCE STD 8	NA	1	1	STD19189	05/06/07 20:28
16	8M336174	SYSTEM BLANK	NA	1	1		05/06/07 20:58
17	8M336175	SYSTEM BLANK	NA	1	1		05/06/07 21:28

Approved: May 11, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 050807
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: 19068

Internal Standard: STD19123 Surrogate Standard: STD18866
CCV: STD19281 LCS: STD019260 MS/MSD: STD19260

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG239757;WG239858

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M65863	WG239757-01 BFB 50ng STD 8260	NA	1	1	STD19115	05/08/07 06:36
2	6M65864	WG239757-02 50ug/L STD 8260	NA	1	1	STD19156	05/08/07 07:07
3	6M65865	WG239757-02 50ug/L STD 8260	NA	1	1	STD19156	05/08/07 07:43
4	6M65866	SYSTEM BLANK	NA	1	1		05/08/07 08:15
5	6M65867	WG239757-02 0.30ug/L STD 8260	NA	1	1	STD19281	05/08/07 08:50
6	6M65868	WG239757-03 0.40ug/L STD 8260	NA	1	1	STD19281	05/08/07 09:23
7	6M65869	WG239757-04 1ug/L STD 8260	NA	1	1	STD19281	05/08/07 09:55
8	6M65870	WG239757-05 2ug/L STD 8260	NA	1	1	STD19281	05/08/07 10:26
9	6M65871	WG239757-06 5ug/L STD 8260	NA	1	1	STD19281	05/08/07 10:58
10	6M65872	WG239757-07 20ug/L STD 8260	NA	1	1	STD19281	05/08/07 11:31
11	6M65873	WG239757-08 50ug/L STD 8260	NA	1	1	STD19281	05/08/07 12:03
12	6M65874	WG239757-09 100ug/L STD 8260	NA	1	1	STD19281	05/08/07 12:35
13	6M65875	WG239757-10 200ug/L STD 8260	NA	1	1	STD19281	05/08/07 13:07
14	6M65876	WG239757-11 300ug/L STD 8260	NA	1	1	STD19281	05/08/07 13:39
15	6M65877	SYSTEM BLANK	NA	1	1		05/08/07 14:11
16	6M65878	SYSTEM BLANK	NA	1	1		05/08/07 14:42
17	6M65879	WG239757-03 0.40ug/L STD 8260	NA	1	1	STD19281	05/08/07 15:14
18	6M65880	WG239757-04 1ug/L STD 8260	NA	1	1	STD19281	05/08/07 15:46
19	6M65881	WG239757-05 2ug/L STD 8260	NA	1	1	STD19281	05/08/07 16:28
20	6M65882	WG239757-12 20ug/L ALT SOURCE STD 8	NA	1	1	STD19260	05/08/07 17:21
21	6M65883	WG239857-01 BFB 50ng STD 8260	NA	1	1	STD19115	05/08/07 17:52
22	6M65884	WG239857-01 BFB 50ng STD 8260	NA	1	1	STD19115	05/08/07 18:16
23	6M65885	WG239857-02 50ug/L STD 8260	NA	1	1	STD19281	05/08/07 18:47
24	6M65886	WG239858-01 VBLK0508 BLANK 8260	NA	1	1		05/08/07 19:19
25	6M65887	WG239858-01 VBLK0508 BLANK 8260	NA	1	1		05/08/07 19:51
26	6M65888	WG239858-02 20ug/L LCS STD 8260	NA	1	1	STD19260	05/08/07 20:23
27	6M65889	L0705002-06 B 2X 826-SPE	<2	1	2		05/08/07 20:56
28	6M65890	L0705002-10 B 826-SPE	<2	1	1		05/08/07 21:29
29	6M65891	L0705015-01 826-SPE	<2	1	1		05/08/07 22:01
30	6M65892	L0705015-07 826-SPE	<2	1	1		05/08/07 22:33
31	6M65893	L0705014-13 826-SPE	<2	1	1		05/08/07 23:06
32	6M65894	L0705014-05 826-SPE	<2	1	1		05/08/07 23:39
33	6M65895	L0705014-07 MS 826-SPE	<2	1	1	STD19260	05/09/07 00:12
34	6M65896	L0705014-08 MSD 826-SPE	<2	1	1	STD19260	05/09/07 00:45

Approved: May 11, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 050807
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: 19068

Internal Standard: STD19123 Surrogate Standard: STD18866
CCV: STD19281 LCS: STD019260 MS/MSD: STD19260

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG239757;WG239858

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
35	6M65897	L0705014-01 826-SPE	<2	1	1		05/09/07 01:18

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2	X		Check Standard Failure	
File ID: 6M65864				
	DNR			
3	X		Check Standard Failure	
File ID: 6M65865				
	DNR-RR CURVE			
6	X			
File ID: 6M65868				
	DNR			
7	X			
File ID: 6M65869				
	DNR			
8	X			
File ID: 6M65870				
	DNR			
21	X			
File ID: 6M65883				
	Tune failed/DNR			
24	X		Carry-over contamination	
File ID: 6M65886				
	DNR			

Approved: May 11, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 051707
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19217

Internal Standard: STD19516 Surrogate Standard: STD19475
CCV: STD19405 LCS: STD19455 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG240519/WG240585

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M55392	SYSTEM BLANK	NA	1	1		05/17/07 08:00
2	10M55393	WG240519-01 50NG BFB STD 8260	NA	1	1	STD19115	05/17/07 08:30
3	10M55394	SYSTEM BLANK	NA	1	1		05/17/07 08:53
4	10M55395	WG240519-02 0.3ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 09:35
5	10M55396	WG240519-03 0.4 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 10:07
6	10M55397	WG240519-02 0.3 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 10:39
7	10M55398	WG240519-02 0.3 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 11:11
8	10M55399	WG240519-03 0.4 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 11:42
9	10M55400	WG240519-04 1 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 12:14
10	10M55401	WG240519-05 2 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 12:45
11	10M55402	WG240519-06 5 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 13:17
12	10M55403	WG240519-07 20 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 13:48
13	10M55404	WG240519-08 50 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 14:20
14	10M55405	WG240519-09 100 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 14:51
15	10M55406	WG240519-10 200 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 15:24
16	10M55407	WG240519-11 300 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 15:55
17	10M55408	SYSTEM BLANK	NA	1	1		05/17/07 16:27
18	10M55409	WG240519-12 20ug/L ALT SOURCE	NA	1	1	STD19455	05/17/07 16:59
19	10M55410	WG240584-01 50NG BFB STD 8260	NA	1	1	STD19115	05/17/07 18:06
20	10M55411	WG240584-01 50NG BFB STD 8260	NA	1	1	STD19115	05/17/07 18:23
21	10M55412	WG240584-02 50ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 18:47
22	10M55413	WG240585-01 VBLK0517 BLANK 8260	NA	1	1		05/17/07 19:19
23	10M55414	WG240585-01 VBLK0517 BLANK 8260	NA	1	1		05/17/07 19:51
24	10M55415	WG240585-02 20ug/L LCS 8260	NA	1	1	STD19455	05/17/07 20:24
25	10M55416	WG240585-03 20ug/L LCSDUP 8260	NA	1	1	STD19455	05/17/07 20:56
26	10M55417	L0705370-01 A 826-LOW	<2	1	1		05/17/07 21:28
27	10M55418	L0705213-03 A 826-SPE	<2	1	1		05/17/07 22:00
28	10M55419	L0705262-03 A 8260	<2	1	1		05/17/07 22:32
29	10M55420	L0705245-01 A 826-SPE	<2	1	1		05/17/07 23:04
30	10M55421	L0705245-02 A 826-SPE	<2	1	1		05/17/07 23:36
31	10M55422	L0705245-03 A 826-SPE	<2	1	1		05/18/07 00:08
32	10M55423	L0705245-04 A 826-SPE	<2	1	1		05/18/07 00:40
33	10M55424	L0705245-05 A 826-SPE	<2	1	1		05/18/07 01:11
34	10M55425	L0705245-06 A 826-SPE	<2	1	1		05/18/07 01:43

Approved: May 21, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 051707
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19217

Internal Standard: STD19516 Surrogate Standard: STD19475
CCV: STD19405 LCS: STD19455 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG240519/WG240585

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
35	10M55426	L0705245-08 A 826-SPE	<2	1	1		05/18/07 02:15
36	10M55427	L0705245-09 A 826-SPE	<2	1	1		05/18/07 02:47
37	10M55428	L0705245-10 A 826-SPE	<2	1	1		05/18/07 03:18
38	10M55429	L0705212-06 A 826-SPE	<2	1	1		05/18/07 03:50
39	10M55430	L0705212-07 A 826-SPE	<2	1	1		05/18/07 04:22
40	10M55431	L0705212-08 A 10X 826-SPE	NA	1	10		05/18/07 04:53
41	10M55432	L0705212-09 A 826-SPE	<2	1	1		05/18/07 05:25
42	10M55433	L0705213-01 A 826-SPE	<2	1	1		05/18/07 05:57
43	10M55434	L0705213-02 A 826-SPE	<2	1	1		05/18/07 06:29
44	10M55435	SYSTEM BLANK	NA	1	1		05/18/07 07:00

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4				
File ID: 10M55395				
RR-sparge tube leaking.				
5				
File ID: 10M55396				
RR-sparge tube leaking.				
6				
File ID: 10M55397				
RR-sparge tube leaking.				
19				
File ID: 10M55410				
RR, BFB failed.				
40	X	100	Over Calibration Range	acetone
File ID: 10M55431				
Sample contains permanganate.				
43	X	1	Missed Tune	
File ID: 10M55434				

Approved: May 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 061807
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 19625

Internal Standard: STD19574 Surrogate Standard: STD19476
CCV: STD20011 LCS: STD20015 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242808

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M337303	WG242807-01 BFB 50ng STD 8260	NA	1	1	STD19781	06/18/07 07:27
2	8M337304	WG242807-01 BFB 50ng STD 8260	NA	1	1	STD19781	06/18/07 07:49
3	8M337305	WG242807-02 50ug/L STD 8260	NA	1	1	STD20011	06/18/07 08:17
4	8M337306	WG242808-01 VBLK0618 BLANK 8260	NA	1	1		06/18/07 08:47
5	8M337307	WG242808-02 20ug/L LCS STD 8260	NA	1	1	STD20015	06/18/07 09:17
6	8M337308	WG242808-03 20ug/L LCSDUP STD 8260	NA	1	1	STD20015	06/18/07 09:46
7	8M337309	L0706201-01 B 25X 826-SPE D1	=6	1	25		06/18/07 10:16
8	8M337310	L0706201-04 B 5X 826-SPE D1	<2	1	5		06/18/07 10:46
9	8M337311	L0706201-07 B 5X 826-SPE D1	<2	1	5		06/18/07 11:16
10	8M337312	L0706201-08 B 5X 826-SPE D1	<2	1	5		06/18/07 11:46
11	8M337313	L0706201-10 B 5X 826-SPE D1	=5	1	5		06/18/07 12:16
12	8M337314	L0706284-05 A 826-SPE/826-LS	<2	1	1		06/18/07 12:45
13	8M337315	L0706233-07 A 826-SPE1	<2	1	1		06/18/07 13:15
14	8M337316	L0706255-03 A 10X 826-SPE	<2	1	10		06/18/07 13:45
15	8M337317	L0706255-04 A 5X 826-SPE	<2	1	5		06/18/07 14:15
16	8M337318	L0706255-05 A 5X 826-SPE	<2	1	5		06/18/07 14:44
17	8M337319	L0706255-02 A 826-SPE	<2	1	1		06/18/07 15:14
18	8M337320	L0706260-01 A 826-SPE	<2	1	1		06/18/07 15:44
19	8M337321	L0706260-02 A 826-SPE	<2	1	1		06/18/07 16:14
20	8M337322	L0706260-03 A 826-SPE	<2	1	1		06/18/07 16:44
21	8M337323	L0706260-04 A 826-SPE	<2	1	1		06/18/07 17:13
22	8M337324	L0706285-01 A 826-SPE	<2	1	1		06/18/07 17:43
23	8M337325	L0706285-02 A 826-SPE	<2	1	1		06/18/07 18:13
24	8M337326	L0706285-03 A 826-SPE	<2	1	1		06/18/07 18:42
25	8M337327	L0706285-04 A 826-SPE	<2	1	1		06/18/07 19:12
26	8M337328	SYSTEM BLANK	NA	1	1		06/18/07 19:42
27	8M337329	SYSTEM CHECK	NA	1	1		06/18/07 20:12
28	8M337330	SYSTEM CHECK	NA	1	1		06/18/07 20:42

Comments

Seq.	Rerun	Dil.	Reason	Analytes
1	X			

File ID: 8M337303

Approved: June 19, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 061807
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 19625

Internal Standard: STD19574 Surrogate Standard: STD19476
CCV: STD20011 LCS: STD20015 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242808

Comments

Seq.	Rerun	Dil.	Reason	Analytes
			DNR	
15	X	20	Over Calibration Range	VC, cis-1,2-DCE
File ID: 8M337317				
16	X	20	Over Calibration Range	VC, cis-1,2-DCE, TCE
File ID: 8M337318				
17	X	10	Over Calibration Range	VC, TCE, confirm cis-1,2-DCE
File ID: 8M337319				
18	X		Carry-over contamination	
File ID: 8M337320				
			DNR	
19	X	50	Over Calibration Range	TCE
File ID: 8M337321				
20	X	50	Over Calibration Range	TCE
File ID: 8M337322				
21	X	100	Over Calibration Range	VC, freon113, cis-1,2-DCE, TCE
File ID: 8M337323				
22	X	100	Over Calibration Range	cis-1,2-DCE, TCE
File ID: 8M337324				
23	X	100	Over Calibration Range	cis-1,2-DCE, TCE
File ID: 8M337325				
24	X		Carry-over contamination	
File ID: 8M337326				
			DNR	
25	X		Carry-over contamination	
File ID: 8M337327				
			DNR	

Approved: June 19, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 061907
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: 19630

Internal Standard: STD19516 Surrogate Standard: STD20017
CCV: STD20011 LCS: STD20099 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242929

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M56241	WG242928-01 50NG BFB STD 8260	NA	1	1	STD19781	06/19/07 08:45
2	10M56242	WG242928-02 50ug/L WATER STD 8260	NA	1	1	STD20011	06/19/07 09:15
3	10M56243	WG242928-02 50ug/L WATER STD 8260	NA	1	1	STD20011	06/19/07 09:46
4	10M56244	WG242929-01 VBLK0619 BLANK 8260	NA	1	1		06/19/07 10:18
5	10M56245	WG242929-01 VBLK0619 BLANK 8260	NA	1	1		06/19/07 10:49
6	10M56246	WG242929-02 20ug/L LCS 8260	NA	1	1	STD20099	06/19/07 11:21
7	10M56247	WG242929-03 20ug/L LCSDUP 8260	NA	1	1	STD20099	06/19/07 11:52
8	10M56248	L0706260-02 B D1 50X 826-SPE	<2	1	50		06/19/07 12:23
9	10M56249	L0706260-03 B D1 50X 826-SPE	<2	1	50		06/19/07 12:54
10	10M56250	L0706260-01 B 826-SPE	<2	1	1		06/19/07 13:25
11	10M56251	L0706268-42 B D1 50X 826-SPE	<2	1	50		06/19/07 13:56
12	10M56252	L0706268-51 B D1 200X 826-SPE	<2	1	200		06/19/07 14:28
13	10M56253	L0706334-06 A 826-SPE	<2	1	1		06/19/07 14:59
14	10M56254	L0706334-01 A 826-SPE	<2	1	1		06/19/07 15:30
15	10M56255	L0706285-03 B 826-SPE	<2	1	1		06/19/07 16:02
16	10M56256	L0706285-04 B 826-SPE	<2	1	1		06/19/07 16:33
17	10M56257	L0706268-19 B 826-SPE	<2	1	1		06/19/07 17:04
18	10M56258	L0706268-21 B 826-SPE	<2	1	1		06/19/07 17:35
19	10M56259	L0706268-23 B 826-SPE	<2	1	1		06/19/07 18:07
20	10M56260	L0706268-26 B 826-SPE	<2	1	1		06/19/07 18:38
21	10M56261	L0706268-30 B 826-SPE	<2	1	1		06/19/07 19:10
22	10M56262	L0706268-33 A 826-SPE	<2	1	1		06/19/07 19:42
23	10M56263	L0706268-34 A 826-SPE	<2	1	1		06/19/07 20:14
24	10M56264	L0706268-35 A 826-SPE	<2	1	1		06/19/07 20:45
25	10M56265	SYSTEM BLANK	NA	1	1		06/19/07 21:17
26	10M56266	WG242929-04 624 BLANK	NA	1	1		06/19/07 21:48
27	10M56267	L0706403-02 B 624-SPE	<2	2	1		06/19/07 22:20
28	10M56268	SYSTEM CHECK	NA	2	1		06/19/07 22:53

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2				
File ID: 10M56242				

Approved: June 20, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 061907
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: 19630

Internal Standard: STD19516 Surrogate Standard: STD20017
CCV: STD20011 LCS: STD20099 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242929

Comments

Seq.	Rerun	Dil.	Reason	Analytes

RR, vc is high.

Approved: June 20, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 061907
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 19643

Internal Standard: STD19921 Surrogate Standard: STD19922
CCV: STD20011 LCS: STD20015 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242966

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M66828	SYSTEM BLANK	NA	1	1		06/19/07 08:26
2	6M66829	SYSTEM BLANK	NA	1	1		06/19/07 08:58
3	6M66830	SYSTEM BLANK	NA	1	1		06/19/07 09:30
4	6M66831	SYSTEM BLANK	NA	1	1		06/19/07 10:03
5	6M66832	SYSTEM CHECK	NA	1	1		06/19/07 10:35
6	6M66833	SYSTEM CHECK	NA	1	1		06/19/07 11:07
7	6M66834	WG242965-01 BFB 50ng STD 8260	NA	1	1	STD19781	06/19/07 11:36
8	6M66835	WG242965-02 50ug/L STD 8260	NA	1	1	STD20011	06/19/07 12:02
9	6M66836	WG242966-01 VBLK0619 BLANK 8260	NA	1	1		06/19/07 12:34
10	6M66837	WG242966-01 VBLK0619 BLANK 8260	NA	1	1		06/19/07 13:06
11	6M66838	WG242966-02 20ug/L LCS STD 8260	NA	1	1	STD20015	06/19/07 13:38
12	6M66839	WG242966-03 20ug/L LCSDUP STD 8260	NA	1	1	STD20015	06/19/07 14:10
13	6M66840	L0706260-04 B 100X 826-SPE D1	<2	1	100		06/19/07 14:42
14	6M66841	L0706268-18 B 20X 826-SPE D1	<2	1	20		06/19/07 15:14
15	6M66842	L0706260-04 C 500X 826-SPE D2	<2	1	500		06/19/07 15:46
16	6M66843	L0706268-20 B 50X 826-SPE D1	<2	1	50		06/19/07 16:18
17	6M66844	L0706268-22 B 10X 826-SPE D1	<2	1	10		06/19/07 16:50
18	6M66845	L0706268-27 B 2X 826-SPE D1	<2	1	2		06/19/07 17:22
19	6M66846	L0706268-28 B 2X 826-SPE D1	<2	1	2		06/19/07 17:54
20	6M66847	L0706268-31 B 20X 826-SPE D1	<2	1	20		06/19/07 18:26
21	6M66848	L0706268-25 B 500X 826-SPE D1	<2	1	500		06/19/07 18:58
22	6M66849	L0706285-01 B 100X 826-SPE D1	<2	1	100		06/19/07 19:31
23	6M66850	L0706285-02 B 100X 826-SPE D1	<2	1	100		06/19/07 20:03
24	6M66851	WG242966-04 FBLK0605 FLUID BLK	NA	1	1		06/19/07 20:36
25	6M66852	L0706278-26 A 826-LOW	<2	1	1		06/19/07 21:08
26	6M66853	L0706278-03 A 826-LOW	<2	1	1		06/19/07 21:41
27	6M66854	L0706278-05 A 826-LOW	<2	1	1		06/19/07 22:13
28	6M66855	L0706278-07 A 826-LOW	<2	1	1		06/19/07 22:45
29	6M66856	L0706278-09 A 826-LOW	<2	1	1		06/19/07 23:18
30	6M66857	SYSTEM CHECK	NA	1	1		06/19/07 23:50
31	6M66858	SYSTEM CHECK	NA	1	1		06/20/07 00:23

Comments

Approved: June 20, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 061907
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 19643

Internal Standard: STD19921 Surrogate Standard: STD19922
CCV: STD20011 LCS: STD20015 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242966

Comments

Seq.	Rerun	Dil.	Reason	Analytes
9	X		Carry-over contamination	
File ID: 6M66836				
	DNR			
13	X	500	Over Calibration Range	TCE
File ID: 6M66840				

Approved: June 20, 2007

Page: 2

KEMRON Environmental Services
Data Checklist

Date: 06-MAY-2007
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 16059
Analytical Workgroups: WG239619

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	NA
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:
09-MAY-2007

Secondary Reviewer:
11-MAY-2007

Generated: MAY-11-2007 12:50:57

KEMRON Environmental Services
Data Checklist

Date: 08-MAY-2007
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 16079
Analytical Workgroups: WG239757;WG239858

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	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:
10-MAY-2007

Secondary Reviewer:
11-MAY-2007

Generated: MAY-11-2007 13:00:04

KEMRON Environmental Services
Data Checklist

Date: 17-MAY-2007
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 16250
Analytical Workgroups: WG240585/WG240519

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	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	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:
21-MAY-2007

Secondary Reviewer:
21-MAY-2007

Generated: MAY-21-2007 13:54:09

KEMRON Environmental Services
Data Checklist

Date: 18-JUN-2007
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 16723
Analytical Workgroups: WG242808

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:
19-JUN-2007

Secondary Reviewer:
19-JUN-2007

Generated: JUN-19-2007 14:14:34

KEMRON Environmental Services
Data Checklist

Date: 19-JUN-2007
Analyst: MES
Analyst: NA
Method: 8260/624
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 16730
Analytical Workgroups: WG242929

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	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	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:
20-JUN-2007

Secondary Reviewer:
20-JUN-2007

Generated: JUN-20-2007 15:28:35

KEMRON Environmental Services
Data Checklist

Date: 19-JUN-2007
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 16744
Analytical Workgroups: WG242966

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	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:
20-JUN-2007

Secondary Reviewer:
20-JUN-2007

Generated: JUN-20-2007 15:33:52

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B **AAB#:** WG242966
Login Number: L0706260

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
16WW36	06/11/07	06/12/07	06/19/07	14	8.04	06/19/07	14	8.04	
16WW36	06/11/07	06/12/07	06/19/07	14	8.08	06/19/07	14	8.08	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**
***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B **AAB#:** WG242808

Login Number: L0706260

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
16WW12	06/11/07	06/12/07	06/18/07	14	7.16	06/18/07	14	7.16	
16WW36	06/11/07	06/12/07	06/18/07	14	7.14	06/18/07	14	7.14	
16WW26	06/11/07	06/12/07	06/18/07	14	7.15	06/18/07	14	7.15	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**

***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B **AAB#:** WG242929
Login Number: L0706260

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
16WW26	06/11/07	06/12/07	06/19/07	14	7.99	06/19/07	14	7.99	
16WW25	06/11/07	06/12/07	06/19/07	14	8.18	06/19/07	14	8.18	
16WW12	06/11/07	06/12/07	06/19/07	14	8.00	06/19/07	14	8.00	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**
***ANAL = SEE PROJECT QAPP REQUIREMENTS**

00085419

SURROGATE STANDARDS

Login Number: L0706260
Instrument Id: HPMS10
Workgroup (AAB#): WG242929

Method: 8260
CAL ID: HPMS10-17-MAY-07
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0706260-01	1.00	01	99.9	96.3	94.4	97.1
L0706260-02	50.0	DL01	94.0	93.1	95.0	98.2
L0706260-03	50.0	DL01	94.8	94.4	95.3	96.7
WG242929-01	1.00	01	95.8	94.4	94.1	97.7
WG242929-02	1.00	01	98.9	98.1	94.7	96.6
WG242929-03	1.00	01	96.8	97.8	93.4	94.9
WG242929-04	1.00	01	120	106	96.7	98.6

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - p-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: 795149
Report generated 06/21/2007 14:23

SURROGATE STANDARDS

Login Number: L0706260
Instrument Id: HPMS8
Workgroup (AAB#): WG242808

Method: 8260
CAL ID: HPMS8-06-MAY-07
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0706260-02	1.00	01	93.7	96.9	93.4	97.1
L0706260-03	1.00	01	94.9	97.3	91.6	97.0
L0706260-04	1.00	01	94.1	97.3	89.8	91.9
WG242808-01	1.00	01	84.3	94.7	88.0	95.8
WG242808-02	1.00	01	82.2	93.5	87.1	94.9
WG242808-03	1.00	01	82.1	93.3	88.1	96.6

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - p-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: 795149
Report generated 06/21/2007 14:23

SURROGATE STANDARDS

Login Number: L0706260
Instrument Id: HPMS6
Workgroup (AAB#): WG242966

Method: 8260
CAL ID: HPMS6-08-MAY-07
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0706260-04	100	DL01	101	105	95.3	92.9
L0706260-04	500	DL02	107	107	98.6	94.6
WG242966-01	1.00	01	103	106	94.9	93.9
WG242966-02	1.00	01	105	107	94.8	92.2
WG242966-03	1.00	01	101	105	96.0	91.9
WG242966-04	1.00	01	112	107	99.5	94.3

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - p-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: 795149
Report generated 06/21/2007 14:23

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG242929
Blank File ID: 10M56245
Blank Sample ID: WG242929-01
Prep Date: 06/19/07 10:49
Instrument ID: HPMS10
Analyzed Date: 06/19/07 10:49
Method: 8260B
Analyst: MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242929-02	10M56246	06/19/07 11:21	01
LCS2	WG242929-03	10M56247	06/19/07 11:52	01
16WW12	L0706260-02	10M56248	06/19/07 12:23	DL01
16WW26	L0706260-03	10M56249	06/19/07 12:54	DL01
16WW25	L0706260-01	10M56250	06/19/07 13:25	01

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG242966
Blank File ID: 6M66837
Blank Sample ID: WG242966-01
Prep Date: 06/19/07 13:06
Instrument ID: HPMS6
Analyzed Date: 06/19/07 13:06
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242966-02	6M66838	06/19/07 13:38	01
LCS2	WG242966-03	6M66839	06/19/07 14:10	01
16WW36	L0706260-04	6M66840	06/19/07 14:42	DL01
16WW36	L0706260-04	6M66842	06/19/07 15:46	DL02

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG242808
Blank File ID: 8M337306
Blank Sample ID: WG242808-01
Prep Date: 06/18/07 08:47
Instrument ID: HPMS8
Analyzed Date: 06/18/07 08:47
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242808-02	8M337307	06/18/07 09:17	01
LCS2	WG242808-03	8M337308	06/18/07 09:46	01
16WW12	L0706260-02	8M337321	06/18/07 16:14	01
16WW26	L0706260-03	8M337322	06/18/07 16:44	01
16WW36	L0706260-04	8M337323	06/18/07 17:13	01

Login Number: L0706260 Prep Date: 06/19/07 10:49 Sample ID: WG242929-01
Instrument ID: HPMS10 Run Date: 06/19/07 10:49 Prep Method: 5030B
File ID: 10M56245 Analyst: MES Method: 8260B
Workgroup (AAB#): WG242929 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-17-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
1,1,1-Trichloroethane	0.250	5.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	5.00	0.125	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.250	10.0	0.250	1	U
1,1,2-Trichloroethane	0.250	5.00	0.250	1	U
1,1-Dichloroethane	0.125	5.00	0.125	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
1,2,4-Trichlorobenzene	0.200	5.00	0.200	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	5.00	0.250	1	U
1,2-Dichlorobenzene	0.125	5.00	0.125	1	U
1,2-Dichloroethane	0.250	5.00	0.250	1	U
cis-1,2-Dichloroethene	0.250	10.0	0.250	1	U
trans-1,2-Dichloroethene	0.250	5.00	0.250	1	U
1,2-Dichloropropane	0.200	5.00	0.200	1	U
1,3-Dichlorobenzene	0.250	5.00	0.250	1	U
1,4-Dichlorobenzene	0.125	5.00	0.125	1	U
2-Butanone	2.50	10.0	2.50	1	U
2-Hexanone	2.50	10.0	2.50	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	5.00	0.125	1	U
Bromodichloromethane	0.250	5.00	0.250	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	0.500	10.0	0.500	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.250	5.00	0.250	1	U
Chlorobenzene	0.125	5.00	0.125	1	U
Chloroethane	0.500	10.0	0.500	1	U
Chloroform	0.125	5.00	0.125	1	U
Chloromethane	0.250	10.0	0.250	1	U
cis-1,3-Dichloropropene	0.250	5.00	0.250	1	U
Cyclohexane	0.250	10.0	0.250	1	U
Dibromochloromethane	0.250	5.00	0.250	1	U
Dichlorodifluoromethane	0.250	10.0	0.250	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Isopropylbenzene	0.250	5.00	0.250	1	U
Methyl acetate	0.250	10.0	0.250	1	U
Methyl tert-butyl ether	0.500	5.00	0.500	1	U
Methylcyclohexane	0.250	10.0	0.250	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Styrene	0.125	5.00	0.125	1	U
Tetrachloroethene	0.250	5.00	0.250	1	U

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Login Number: L0706260 Prep Date: 06/19/07 10:49 Sample ID: WG242929-01
Instrument ID: HPMS10 Run Date: 06/19/07 10:49 Prep Method: 5030B
File ID: 10M56245 Analyst: MES Method: 8260B
Workgroup (AAB#): WG242929 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-17-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Toluene	0.250	5.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	5.00	0.500	1	U
Trichloroethene	0.250	5.00	0.250	1	U
Trichlorofluoromethane	0.250	10.0	0.250	1	U
Vinyl chloride	0.250	10.0	0.250	1	U
Xylenes, Total	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
1,2-Dichloroethane-d4	95.8	80 - 120	PASS
Dibromofluoromethane	94.4	86 - 118	PASS
p-Bromofluorobenzene	94.1	86 - 115	PASS
Toluene-d8	97.7	88 - 110	PASS

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

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Login Number: L0706260 Prep Date: 06/19/07 13:06 Sample ID: WG242966-01
Instrument ID: HPMS6 Run Date: 06/19/07 13:06 Prep Method: 5030B
File ID: 6M66837 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG242966 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-08-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
1,1,1-Trichloroethane	0.250	5.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	5.00	0.125	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.250	10.0	0.250	1	U
1,1,2-Trichloroethane	0.250	5.00	0.250	1	U
1,1-Dichloroethane	0.125	5.00	0.125	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
1,2,4-Trichlorobenzene	0.200	5.00	0.200	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	5.00	0.250	1	U
1,2-Dichlorobenzene	0.125	5.00	0.125	1	U
1,2-Dichloroethane	0.250	5.00	0.250	1	U
cis-1,2-Dichloroethene	0.250	10.0	0.250	1	U
trans-1,2-Dichloroethene	0.250	5.00	0.250	1	U
1,2-Dichloropropane	0.200	5.00	0.200	1	U
1,3-Dichlorobenzene	0.250	5.00	0.250	1	U
1,4-Dichlorobenzene	0.125	5.00	0.125	1	U
2-Butanone	2.50	10.0	2.50	1	U
2-Hexanone	2.50	10.0	2.50	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	5.00	0.125	1	U
Bromodichloromethane	0.250	5.00	0.250	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	0.500	10.0	0.500	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.250	5.00	0.250	1	U
Chlorobenzene	0.125	5.00	0.125	1	U
Chloroethane	0.500	10.0	0.500	1	U
Chloroform	0.125	5.00	0.125	1	U
Chloromethane	0.250	10.0	0.250	1	U
cis-1,3-Dichloropropene	0.250	5.00	0.250	1	U
Cyclohexane	0.250	10.0	0.250	1	U
Dibromochloromethane	0.250	5.00	0.250	1	U
Dichlorodifluoromethane	0.250	10.0	0.250	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Isopropylbenzene	0.250	5.00	0.250	1	U
Methyl acetate	0.250	10.0	0.250	1	U
Methyl tert-butyl ether	0.500	5.00	0.500	1	U
Methylcyclohexane	0.250	10.0	0.250	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Styrene	0.125	5.00	0.125	1	U
Tetrachloroethene	0.250	5.00	0.250	1	U

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Login Number: L0706260 Prep Date: 06/19/07 13:06 Sample ID: WG242966-01
Instrument ID: HPMS6 Run Date: 06/19/07 13:06 Prep Method: 5030B
File ID: 6M66837 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG242966 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-08-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Toluene	0.250	5.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	5.00	0.500	1	U
Trichloroethene	0.250	5.00	0.250	1	U
Trichlorofluoromethane	0.250	10.0	0.250	1	U
Vinyl chloride	0.250	10.0	0.250	1	U
Xylenes, Total	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
1,2-Dichloroethane-d4	103	80 - 120	PASS
Dibromofluoromethane	106	86 - 118	PASS
p-Bromofluorobenzene	94.9	86 - 115	PASS
Toluene-d8	93.9	88 - 110	PASS

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

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Login Number: L0706260 Prep Date: 06/18/07 08:47 Sample ID: WG242808-01
Instrument ID: HPMS8 Run Date: 06/18/07 08:47 Prep Method: 5030B
File ID: 8M337306 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG242808 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-06-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
1,1,1-Trichloroethane	0.250	5.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	5.00	0.125	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.250	10.0	0.250	1	U
1,1,2-Trichloroethane	0.250	5.00	0.250	1	U
1,1-Dichloroethane	0.125	5.00	0.125	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
1,2,4-Trichlorobenzene	0.200	5.00	0.215	1	J
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	5.00	0.250	1	U
1,2-Dichlorobenzene	0.125	5.00	0.125	1	U
1,2-Dichloroethane	0.250	5.00	0.250	1	U
cis-1,2-Dichloroethene	0.250	10.0	0.250	1	U
trans-1,2-Dichloroethene	0.250	5.00	0.250	1	U
1,2-Dichloropropane	0.200	5.00	0.200	1	U
1,3-Dichlorobenzene	0.250	5.00	0.250	1	U
1,4-Dichlorobenzene	0.125	5.00	0.125	1	U
2-Butanone	2.50	10.0	2.50	1	U
2-Hexanone	2.50	10.0	2.50	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	5.00	0.125	1	U
Bromodichloromethane	0.250	5.00	0.250	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	0.500	10.0	0.500	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.250	5.00	0.250	1	U
Chlorobenzene	0.125	5.00	0.125	1	U
Chloroethane	0.500	10.0	0.500	1	U
Chloroform	0.125	5.00	0.125	1	U
Chloromethane	0.250	10.0	0.250	1	U
cis-1,3-Dichloropropene	0.250	5.00	0.250	1	U
Cyclohexane	0.250	10.0	0.250	1	U
Dibromochloromethane	0.250	5.00	0.250	1	U
Dichlorodifluoromethane	0.250	10.0	0.250	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Isopropylbenzene	0.250	5.00	0.250	1	U
Methyl acetate	0.250	10.0	0.250	1	U
Methyl tert-butyl ether	0.500	5.00	0.500	1	U
Methylcyclohexane	0.250	10.0	0.250	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Styrene	0.125	5.00	0.125	1	U
Tetrachloroethene	0.250	5.00	0.250	1	U

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 795141
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Login Number: L0706260 Prep Date: 06/18/07 08:47 Sample ID: WG242808-01
Instrument ID: HPMS8 Run Date: 06/18/07 08:47 Prep Method: 5030B
File ID: 8M337306 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG242808 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-06-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Toluene	0.250	5.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	5.00	0.500	1	U
Trichloroethene	0.250	5.00	0.250	1	U
Trichlorofluoromethane	0.250	10.0	0.250	1	U
Vinyl chloride	0.250	10.0	0.250	1	U
Xylenes, Total	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
1,2-Dichloroethane-d4	84.3	80 - 120	PASS
Dibromofluoromethane	94.7	86 - 118	PASS
p-Bromofluorobenzene	88.0	86 - 115	PASS
Toluene-d8	95.8	88 - 110	PASS

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706260 Analyst:CMS Prep Method:5030B
Instrument ID:HPMS8 Matrix:Water Method:8260B
Workgroup (AAB#):WG242808 Units:ug/L
Sample ID:WG242808-02 LCS File ID:8M337307 Run Date:06/18/2007 09:17
Sample ID:WG242808-03 LCS2 File ID:8M337308 Run Date:06/18/2007 09:46

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
1,1,1-Trichloroethane	20.0	21.4	107	20.0	22.4	112	4.63	80 - 134	20	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	20.0	20.2	101	0.386	79 - 125	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	20.0	22.3	111	20.0	23.3	117	4.51	80 - 130	20	
1,1,2-Trichloroethane	20.0	21.1	105	20.0	21.2	106	0.533	80 - 125	20	
1,1-Dichloroethane	20.0	20.8	104	20.0	21.8	109	4.60	80 - 125	20	
1,1-Dichloroethene	20.0	21.4	107	20.0	22.6	113	5.45	80 - 132	20	
1,2,4-Trichlorobenzene	20.0	17.4	86.9	20.0	17.9	89.4	2.86	65 - 135	20	
1,2-Dibromo-3-chloropropane	20.0	16.5	82.6	20.0	15.6	78.0	5.74	50 - 130	20	
1,2-Dibromoethane	20.0	20.5	102	20.0	20.6	103	0.485	80 - 125	20	
1,2-Dichlorobenzene	20.0	19.2	95.9	20.0	19.8	99.0	3.27	80 - 125	20	
1,2-Dichloroethane	20.0	20.2	101	20.0	20.4	102	0.909	80 - 129	20	
cis-1,2-Dichloroethene	20.0	21.9	109	20.0	22.8	114	4.43	70 - 125	20	
trans-1,2-Dichloroethene	20.0	20.8	104	20.0	22.0	110	5.68	80 - 127	20	
1,2-Dichloropropane	20.0	22.0	110	20.0	22.8	114	3.70	80 - 120	20	
1,3-Dichlorobenzene	20.0	19.3	96.4	20.0	20.2	101	4.81	80 - 120	20	
1,4-Dichlorobenzene	20.0	18.9	94.6	20.0	19.7	98.6	4.23	80 - 120	20	
2-Butanone	20.0	18.5	92.3	20.0	18.8	94.1	1.91	30 - 150	20	
2-Hexanone	20.0	18.2	91.2	20.0	18.3	91.7	0.502	55 - 130	20	
4-Methyl-2-pentanone	20.0	20.2	101	20.0	20.3	101	0.171	64 - 140	20	
Acetone	20.0	20.6	103	20.0	20.0	100	3.10	40 - 142	20	
Benzene	20.0	21.3	107	20.0	22.5	112	5.21	80 - 121	20	
Bromodichloromethane	20.0	21.6	108	20.0	22.2	111	3.09	80 - 131	20	
Bromoform	20.0	17.7	88.7	20.0	18.3	91.6	3.17	70 - 130	20	
Bromomethane	20.0	27.8	139	20.0	29.1	146	4.66	30 - 145	20	*
Carbon disulfide	20.0	23.2	116	20.0	24.8	124	6.82	58 - 138	20	
Carbon tetrachloride	20.0	22.9	114	20.0	24.3	121	5.95	65 - 140	20	
Chlorobenzene	20.0	20.5	102	20.0	21.5	108	4.99	80 - 120	20	
Chloroethane	20.0	22.7	114	20.0	23.6	118	3.89	60 - 135	20	
Chloroform	20.0	20.8	104	20.0	21.7	108	3.96	80 - 125	20	
Chloromethane	20.0	19.6	98.2	20.0	20.1	100	2.33	40 - 125	20	
cis-1,3-Dichloropropene	20.0	21.6	108	20.0	22.0	110	2.01	70 - 130	20	
Cyclohexane	20.0	24.0	120	20.0	25.4	127	5.78	80 - 130	20	
Dibromochloromethane	20.0	20.9	104	20.0	20.9	104	0.0090	60 - 135	20	
Dichlorodifluoromethane	20.0	23.6	118	20.0	24.5	122	3.80	50 - 133	20	
Ethyl benzene	20.0	21.4	107	20.0	22.7	114	5.74	80 - 122	20	
Isopropylbenzene	20.0	19.2	95.8	20.0	20.4	102	6.53	80 - 122	20	
Methyl acetate	20.0	24.2	121	20.0	24.3	121	0.287	80 - 130	20	
Methyl tert-butyl ether	20.0	21.7	108	20.0	21.8	109	0.746	65 - 125	20	
Methylcyclohexane	20.0	21.7	108	20.0	23.0	115	5.99	80 - 130	20	
Methylene chloride	20.0	19.9	99.7	20.0	20.6	103	3.27	80 - 123	20	
Styrene	20.0	21.2	106	20.0	22.4	112	5.36	80 - 123	20	
Tetrachloroethene	20.0	21.1	106	20.0	21.9	110	3.82	80 - 124	20	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706260 Analyst: CMS Prep Method: 5030B
Instrument ID: HPMS8 Matrix: Water Method: 8260B
Workgroup (AAB#): WG242808 Units: ug/L
Sample ID: WG242808-02 LCS File ID: 8M337307 Run Date: 06/18/2007 09:17
Sample ID: WG242808-03 LCS2 File ID: 8M337308 Run Date: 06/18/2007 09:46

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Toluene	20.0	19.8	98.8	20.0	20.7	103	4.59	80 - 124	20	
trans-1,3-Dichloropropene	20.0	19.4	97.2	20.0	19.5	97.5	0.330	80 - 130	20	
Trichloroethene	20.0	20.9	104	20.0	21.9	109	4.71	80 - 122	20	
Trichlorofluoromethane	20.0	18.2	91.0	20.0	18.8	93.8	3.05	62 - 151	20	
Vinyl chloride	20.0	20.4	102	20.0	20.8	104	2.12	65 - 140	20	
Xylenes, Total	60.0	62.6	104	60.0	66.0	110	5.27	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	93.5	93.3	86 - 118	PASS
1,2-Dichloroethane-d4	82.2	82.1	80 - 120	PASS
Toluene-d8	94.9	96.6	88 - 110	PASS
p-Bromofluorobenzene	87.1	88.1	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706260 Analyst:CMS Prep Method:5030B
Instrument ID:HPMS6 Matrix:Water Method:8260B
Workgroup (AAB#):WG242966 Units:ug/L
Sample ID:WG242966-02 LCS File ID:6M66838 Run Date:06/19/2007 13:38
Sample ID:WG242966-03 LCS2 File ID:6M66839 Run Date:06/19/2007 14:10

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
1,1,1-Trichloroethane	20.0	22.7	113	20.0	23.4	117	3.00	80 - 134	20	
1,1,2,2-Tetrachloroethane	20.0	17.8	88.9	20.0	18.1	90.3	1.53	79 - 125	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	20.0	22.3	112	20.0	23.3	117	4.24	80 - 130	20	
1,1,2-Trichloroethane	20.0	18.4	91.9	20.0	18.4	92.2	0.322	80 - 125	20	
1,1-Dichloroethane	20.0	19.6	97.8	20.0	20.1	100	2.68	80 - 125	20	
1,1-Dichloroethene	20.0	19.8	99.1	20.0	20.4	102	2.88	80 - 132	20	
1,2,4-Trichlorobenzene	20.0	17.8	89.1	20.0	18.5	92.3	3.45	65 - 135	20	
1,2-Dibromo-3-chloropropane	20.0	19.8	99.2	20.0	20.0	99.9	0.643	50 - 130	20	
1,2-Dibromoethane	20.0	19.2	95.9	20.0	19.3	96.5	0.637	80 - 125	20	
1,2-Dichlorobenzene	20.0	17.6	88.1	20.0	18.1	90.6	2.77	80 - 125	20	
1,2-Dichloroethane	20.0	22.1	110	20.0	22.0	110	0.611	80 - 129	20	
cis-1,2-Dichloroethene	20.0	19.0	94.8	20.0	19.3	96.5	1.77	70 - 125	20	
trans-1,2-Dichloroethene	20.0	18.6	92.8	20.0	19.4	97.2	4.68	80 - 127	20	
1,2-Dichloropropane	20.0	18.4	91.9	20.0	19.0	94.9	3.21	80 - 120	20	
1,3-Dichlorobenzene	20.0	17.5	87.4	20.0	18.2	91.0	4.07	80 - 120	20	
1,4-Dichlorobenzene	20.0	17.0	85.0	20.0	17.3	86.7	1.92	80 - 120	20	
2-Butanone	20.0	20.7	104	20.0	20.7	103	0.325	30 - 150	20	
2-Hexanone	20.0	18.8	93.8	20.0	18.5	92.5	1.47	55 - 130	20	
4-Methyl-2-pentanone	20.0	19.1	95.4	20.0	18.8	94.0	1.42	64 - 140	20	
Acetone	20.0	24.3	122	20.0	23.6	118	2.99	40 - 142	20	
Benzene	20.0	18.1	90.4	20.0	18.7	93.4	3.28	80 - 121	20	
Bromodichloromethane	20.0	23.2	116	20.0	22.8	114	1.59	80 - 131	20	
Bromoform	20.0	19.1	95.5	20.0	19.0	94.8	0.815	70 - 130	20	
Bromomethane	20.0	20.9	104	20.0	22.3	112	6.67	30 - 145	20	
Carbon disulfide	20.0	20.3	101	20.0	21.2	106	4.71	58 - 138	20	
Carbon tetrachloride	20.0	24.4	122	20.0	25.2	126	2.85	65 - 140	20	
Chlorobenzene	20.0	17.2	85.8	20.0	17.9	89.5	4.14	80 - 120	20	
Chloroethane	20.0	18.7	93.7	20.0	19.4	97.1	3.52	60 - 135	20	
Chloroform	20.0	21.0	105	20.0	21.4	107	1.95	80 - 125	20	
Chloromethane	20.0	24.4	122	20.0	25.4	127	4.08	40 - 125	20	*
cis-1,3-Dichloropropene	20.0	20.1	101	20.0	20.2	101	0.511	70 - 130	20	
Cyclohexane	20.0	20.9	104	20.0	21.6	108	3.35	80 - 130	20	
Dibromochloromethane	20.0	18.9	94.3	20.0	19.2	96.1	1.95	60 - 135	20	
Dichlorodifluoromethane	20.0	25.1	125	20.0	25.6	128	2.03	50 - 133	20	
Ethyl benzene	20.0	17.9	89.4	20.0	18.4	92.0	2.88	80 - 122	20	
Isopropylbenzene	20.0	17.3	86.3	20.0	17.7	88.4	2.40	80 - 122	20	
Methyl acetate	20.0	19.0	95.2	20.0	18.6	92.8	2.60	80 - 130	20	
Methyl tert-butyl ether	20.0	23.3	117	20.0	22.6	113	2.97	65 - 125	20	
Methylcyclohexane	20.0	20.6	103	20.0	21.4	107	3.81	80 - 130	20	
Methylene chloride	20.0	16.8	84.0	20.0	17.3	86.5	2.90	80 - 123	20	
Styrene	20.0	18.7	93.6	20.0	18.7	93.4	0.202	80 - 123	20	
Tetrachloroethene	20.0	18.4	91.9	20.0	19.2	96.2	4.60	80 - 124	20	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706260 Analyst: CMS Prep Method: 5030B
Instrument ID: HPMS6 Matrix: Water Method: 8260B
Workgroup (AAB#): WG242966 Units: ug/L
Sample ID: WG242966-02 LCS File ID: 6M66838 Run Date: 06/19/2007 13:38
Sample ID: WG242966-03 LCS2 File ID: 6M66839 Run Date: 06/19/2007 14:10

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Toluene	20.0	17.4	87.1	20.0	18.1	90.6	3.96	80 - 124	20	
trans-1,3-Dichloropropene	20.0	17.8	89.1	20.0	17.7	88.7	0.492	80 - 130	20	
Trichloroethene	20.0	19.3	96.7	20.0	20.2	101	4.37	80 - 122	20	
Trichlorofluoromethane	20.0	20.0	99.9	20.0	20.5	103	2.76	62 - 151	20	
Vinyl chloride	20.0	27.0	135	20.0	27.9	139	3.40	65 - 140	20	
Xylenes, Total	60.0	53.7	89.5	60.0	54.7	91.1	1.80	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	107	105	86 - 118	PASS
1,2-Dichloroethane-d4	105	101	80 - 120	PASS
Toluene-d8	92.2	91.9	88 - 110	PASS
p-Bromofluorobenzene	94.8	96.0	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706260 Analyst:MES Prep Method:5030B
Instrument ID:HPMS10 Matrix:Water Method:8260B
Workgroup (AAB#):WG242929 Units:ug/L
Sample ID:WG242929-02 LCS File ID:10M56246 Run Date:06/19/2007 11:21
Sample ID:WG242929-03 LCS2 File ID:10M56247 Run Date:06/19/2007 11:52

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
1,1,1-Trichloroethane	20.0	22.2	111	20.0	21.0	105	5.18	80 - 134	20	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	20.0	19.6	97.9	3.09	79 - 125	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	20.0	22.4	112	20.0	21.1	105	6.28	80 - 130	20	
1,1,2-Trichloroethane	20.0	21.2	106	20.0	20.7	104	2.32	80 - 125	20	
1,1-Dichloroethane	20.0	21.5	107	20.0	20.5	103	4.47	80 - 125	20	
1,1-Dichloroethene	20.0	20.8	104	20.0	19.7	98.7	5.42	80 - 132	20	
1,2,4-Trichlorobenzene	20.0	18.1	90.5	20.0	17.8	89.2	1.47	65 - 135	20	
1,2-Dibromo-3-chloropropane	20.0	14.4	72.2	20.0	14.1	70.6	2.27	50 - 130	20	
1,2-Dibromoethane	20.0	20.5	102	20.0	20.2	101	1.47	80 - 125	20	
1,2-Dichlorobenzene	20.0	20.1	100	20.0	19.4	97.2	3.13	80 - 125	20	
1,2-Dichloroethane	20.0	21.4	107	20.0	20.9	104	2.57	80 - 129	20	
cis-1,2-Dichloroethene	20.0	21.6	108	20.0	20.8	104	3.78	70 - 125	20	
trans-1,2-Dichloroethene	20.0	21.1	106	20.0	19.9	99.4	5.97	80 - 127	20	
1,2-Dichloropropane	20.0	20.7	103	20.0	20.4	102	1.38	80 - 120	20	
1,3-Dichlorobenzene	20.0	20.7	103	20.0	19.7	98.7	4.68	80 - 120	20	
1,4-Dichlorobenzene	20.0	19.9	99.3	20.0	19.3	96.4	2.90	80 - 120	20	
2-Butanone	20.0	15.7	78.7	20.0	15.4	77.0	2.16	30 - 150	20	
2-Hexanone	20.0	17.7	88.7	20.0	17.3	86.3	2.75	55 - 130	20	
4-Methyl-2-pentanone	20.0	17.7	88.6	20.0	17.9	89.6	1.05	64 - 140	20	
Acetone	20.0	16.6	82.8	20.0	15.6	77.8	6.22	40 - 142	20	
Benzene	20.0	20.4	102	20.0	19.5	97.7	4.38	80 - 121	20	
Bromodichloromethane	20.0	22.4	112	20.0	21.5	108	4.16	80 - 131	20	
Bromoform	20.0	16.4	81.8	20.0	16.2	81.0	1.02	70 - 130	20	
Bromomethane	20.0	25.7	128	20.0	24.8	124	3.24	30 - 145	20	
Carbon disulfide	20.0	20.3	101	20.0	19.1	95.5	6.00	58 - 138	20	
Carbon tetrachloride	20.0	20.3	102	20.0	19.0	95.2	6.44	65 - 140	20	
Chlorobenzene	20.0	20.6	103	20.0	19.6	97.8	5.26	80 - 120	20	
Chloroethane	20.0	24.0	120	20.0	22.5	112	6.34	60 - 135	20	
Chloroform	20.0	21.3	107	20.0	20.6	103	3.54	80 - 125	20	
Chloromethane	20.0	25.7	128	20.0	24.0	120	6.50	40 - 125	20	*
cis-1,3-Dichloropropene	20.0	20.9	104	20.0	20.5	103	1.63	70 - 130	20	
Cyclohexane	20.0	21.1	105	20.0	19.7	98.4	6.87	80 - 130	20	
Dibromochloromethane	20.0	18.2	90.8	20.0	17.7	88.3	2.75	60 - 135	20	
Dichlorodifluoromethane	20.0	30.0	150	20.0	28.0	140	7.05	50 - 133	20	*
Ethyl benzene	20.0	21.3	107	20.0	20.8	104	2.63	80 - 122	20	
Isopropylbenzene	20.0	20.2	101	20.0	19.2	96.2	5.01	80 - 122	20	
Methyl acetate	20.0	17.2	86.2	20.0	17.0	85.0	1.48	80 - 130	20	
Methyl tert-butyl ether	20.0	19.5	97.7	20.0	19.0	95.2	2.61	65 - 125	20	
Methylcyclohexane	20.0	20.0	100	20.0	18.7	93.5	6.71	80 - 130	20	
Methylene chloride	20.0	19.4	96.8	20.0	18.6	93.0	3.94	80 - 123	20	
Styrene	20.0	19.3	96.4	20.0	18.2	91.0	5.77	80 - 123	20	
Tetrachloroethene	20.0	21.0	105	20.0	20.0	99.8	5.12	80 - 124	20	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706260 Analyst: MES Prep Method: 5030B
Instrument ID: HPMS10 Matrix: Water Method: 8260B
Workgroup (AAB#): WG242929 Units: ug/L
Sample ID: WG242929-02 LCS File ID: 10M56246 Run Date: 06/19/2007 11:21
Sample ID: WG242929-03 LCS2 File ID: 10M56247 Run Date: 06/19/2007 11:52

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Toluene	20.0	21.3	107	20.0	20.1	101	5.57	80 - 124	20	
trans-1,3-Dichloropropene	20.0	20.2	101	20.0	19.6	98.0	2.85	80 - 130	20	
Trichloroethene	20.0	21.1	106	20.0	20.1	100	5.28	80 - 122	20	
Trichlorofluoromethane	20.0	18.9	94.6	20.0	17.7	88.6	6.56	62 - 151	20	
Vinyl chloride	20.0	28.4	142	20.0	24.9	125	13.2	65 - 140	20	*
Xylenes, Total	60.0	63.9	107	60.0	61.1	102	4.51	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	98.1	97.8	86 - 118	PASS
1,2-Dichloroethane-d4	98.9	96.8	80 - 120	PASS
Toluene-d8	96.6	94.9	88 - 110	PASS
p-Bromofluorobenzene	94.7	93.4	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706260 Tune ID: WG240519-01
Instrument: HPMS10 Run Date: 05/17/2007
Analyst: MES Run Time: 08:30
Workgroup: WG240519 File ID: 10M55393
Cal ID: HPMS10-17-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.4	5990	PASS
75.0	95.0	30.0	60.0	45.2	14728	PASS
95.0	95.0	100	100	100	32600	PASS
96.0	95.0	5.00	9.00	6.48	2111	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	88.5	28850	PASS
175	174	5.00	9.00	8.45	2437	PASS
176	174	95.0	101	98.9	28525	PASS
177	176	5.00	9.00	7.09	2021	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG240519-02	STD	01	05/17/2007 11:11	
WG240519-03	STD	01	05/17/2007 11:42	
WG240519-04	STD	01	05/17/2007 12:14	
WG240519-05	STD	01	05/17/2007 12:45	
WG240519-06	STD	01	05/17/2007 13:17	
WG240519-07	STD	01	05/17/2007 13:48	
WG240519-08	STD-CCV	01	05/17/2007 14:20	
WG240519-09	STD	01	05/17/2007 14:51	
WG240519-10	STD	01	05/17/2007 15:24	
WG240519-11	STD	01	05/17/2007 15:55	
WG240519-12	SSCV	01	05/17/2007 16:59	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 795146
Report generated 06/21/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706260 Tune ID: WG242928-01
Instrument: HPMS10 Run Date: 06/19/2007
Analyst: MES Run Time: 08:45
Workgroup: WG242928 File ID: 10M56241
Cal ID: HPMS10-17-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.7	4671	PASS
75.0	95.0	30.0	60.0	51.6	12888	PASS
95.0	95.0	100	100	100	24984	PASS
96.0	95.0	5.00	9.00	7.75	1936	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	89.1	22269	PASS
175	174	5.00	9.00	7.77	1730	PASS
176	174	95.0	101	101	22389	PASS
177	176	5.00	9.00	6.80	1523	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG242928-02	CCV	01	06/19/2007 09:46	
WG242929-01	BLANK	01	06/19/2007 10:49	
WG242929-02	LCS	01	06/19/2007 11:21	
WG242929-03	LCS2	01	06/19/2007 11:52	
L0706260-02	16WW12	DL01	06/19/2007 12:23	
L0706260-03	16WW26	DL01	06/19/2007 12:54	
L0706260-01	16WW25	01	06/19/2007 13:25	
WG242929-04	BLANK2	01	06/19/2007 21:48	*

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 795146
Report generated 06/21/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706260 Tune ID: WG239757-01
Instrument: HPMS6 Run Date: 05/08/2007
Analyst: CMS Run Time: 06:36
Workgroup: WG239757 File ID: 6M65863
Cal ID: HPMS6-08-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	24.8	18040	PASS
75.0	95.0	30.0	60.0	49.3	35936	PASS
95.0	95.0	100	100	100	72850	PASS
96.0	95.0	5.00	9.00	6.60	4808	PASS
173	174	0	2.00	0.290	155	PASS
174	95.0	50.0	100	73.3	53413	PASS
175	174	5.00	9.00	7.30	3898	PASS
176	174	95.0	101	101	53762	PASS
177	176	5.00	9.00	6.77	3640	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG239757-02	STD	01	05/08/2007 08:50	
WG239757-06	STD	01	05/08/2007 10:58	
WG239757-07	STD	01	05/08/2007 11:31	
WG239757-08	STD-CCV	01	05/08/2007 12:03	
WG239757-09	STD	01	05/08/2007 12:35	
WG239757-10	STD	01	05/08/2007 13:07	
WG239757-11	STD	01	05/08/2007 13:39	
WG239757-03	STD	01	05/08/2007 15:14	
WG239757-04	STD	01	05/08/2007 15:46	
WG239757-05	STD	01	05/08/2007 16:28	
WG239757-12	SSCV	01	05/08/2007 17:21	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 795146
Report generated 06/21/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706260
Instrument: HPMS6
Analyst: CMS
Workgroup: WG242965

Tune ID: WG242965-01
Run Date: 06/19/2007
Run Time: 11:36
File ID: 6M66834
Cal ID: HPMS6-08-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	26.1	4239	PASS
75.0	95.0	30.0	60.0	48.6	7893	PASS
95.0	95.0	100	100	100	16231	PASS
96.0	95.0	5.00	9.00	7.98	1295	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	72.0	11679	PASS
175	174	5.00	9.00	8.04	939	PASS
176	174	95.0	101	100	11698	PASS
177	176	5.00	9.00	7.48	875	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG242965-02	CCV	01	06/19/2007 12:02	
WG242966-01	BLANK	01	06/19/2007 13:06	
WG242966-02	LCS	01	06/19/2007 13:38	
WG242966-03	LCS2	01	06/19/2007 14:10	
L0706260-04	16WW36	DL01	06/19/2007 14:42	
L0706260-04	16WW36	DL02	06/19/2007 15:46	
WG242966-04	BLANK2	01	06/19/2007 20:36	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 795146
Report generated 06/21/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706260
Instrument: HPMS8
Analyst: CMS
Workgroup: WG239619

Tune ID: WG239619-01
Run Date: 05/06/2007
Run Time: 13:14
File ID: 8M336159
Cal ID: HPMS8-06-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	17.5	27002	PASS
75.0	95.0	30.0	60.0	45.1	69656	PASS
95.0	95.0	100	100	100	154304	PASS
96.0	95.0	5.00	9.00	6.75	10408	PASS
173	174	0	2.00	0.399	509	PASS
174	95.0	50.0	100	82.7	127682	PASS
175	174	5.00	9.00	7.05	9004	PASS
176	174	95.0	101	97.8	124906	PASS
177	176	5.00	9.00	6.74	8418	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG239619-02	STD	01	05/06/2007 14:19	
WG239619-03	STD	01	05/06/2007 15:02	
WG239619-04	STD	01	05/06/2007 15:32	
WG239619-05	STD	01	05/06/2007 16:01	
WG239619-06	STD	01	05/06/2007 16:31	
WG239619-07	STD	01	05/06/2007 17:01	
WG239619-08	STD-CCV	01	05/06/2007 17:30	
WG239619-09	STD	01	05/06/2007 18:00	
WG239619-10	STD	01	05/06/2007 18:30	
WG239619-11	STD	01	05/06/2007 18:59	
WG239619-12	SSCV	01	05/06/2007 20:28	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 795146
Report generated 06/21/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706260
Instrument: HPMS8
Analyst: CMS
Workgroup: WG242807

Tune ID: WG242807-01
Run Date: 06/18/2007
Run Time: 07:49
File ID: 8M337304
Cal ID: HPMS8-06-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	17.2	22112	PASS
75.0	95.0	30.0	60.0	44.8	57712	PASS
95.0	95.0	100	100	100	128837	PASS
96.0	95.0	5.00	9.00	7.27	9369	PASS
173	174	0	2.00	0.688	718	PASS
174	95.0	50.0	100	81.0	104410	PASS
175	174	5.00	9.00	7.65	7983	PASS
176	174	95.0	101	97.6	101888	PASS
177	176	5.00	9.00	6.66	6785	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG242807-02	CCV	01	06/18/2007 08:17	
WG242808-01	BLANK	01	06/18/2007 08:47	
WG242808-01	BLANK	01	06/18/2007 08:47	
WG242808-02	LCS	01	06/18/2007 09:17	
WG242808-03	LCS2	01	06/18/2007 09:46	
L0706260-02	16WW12	01	06/18/2007 16:14	
L0706260-03	16WW26	01	06/18/2007 16:44	
L0706260-04	16WW36	01	06/18/2007 17:13	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 795146
Report generated 06/21/2007 14:22

Login Number: L0706260 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
ICAL Workgroup: WG240519 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
1,1-Dichloroethene	CCC	0.2764	5.64		
1,2-Dichloropropane	CCC	0.2625	7.42		
Chloroform	CCC	0.5574	4.19		
Ethylbenzene	CCC	0.5143	6.01		
Toluene	CCC	1.387	3.90		
Vinyl Chloride	CCC	0.2037	16.0		1.00
1,1,2,2-Tetrachloroethane	SPCC	0.4157	9.92		
1,1-Dichloroethane	SPCC	0.5338	6.43		
Bromoform	SPCC	0.1770	17.7		0.999
Chlorobenzene	SPCC	0.9900	3.95		
Chloromethane	SPCC	0.2471	12.0		
1,1,1-Trichloroethane		0.5063	11.0		
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.3009	4.25		
1,1,2-Trichloroethane		0.2185	8.35		
1,2,4-Trichlorobenzene		0.9616	5.66		
1,2-Dibromo-3-Chloropropane		0.08230	18.5	0.999	
1,2-Dibromoethane		0.2423	9.34		
1,2-Dichlorobenzene		1.368	4.20		
1,2-Dichloroethane		0.3788	4.83		
1,3-Dichlorobenzene		1.547	4.47		
1,4-Dichlorobenzene		1.596	5.22		
2-Butanone		0.06063	4.48		
2-Hexanone		0.1020	6.38		
4-Methyl-2-Pentanone		0.05347	6.21		
Acetone		0.04278	8.25		
Benzene		1.105	3.54		
Bromodichloromethane		0.3712	10.2		
Bromomethane		0.2069	2.47		
Carbon Disulfide		0.8610	3.83		
Carbon Tetrachloride		0.4578	15.3		1.00
Chloroethane		0.1906	4.26		
Cyclohexane		0.4854	4.41		
Dibromochloromethane		0.3081	17.2		1.00
Dichlorodifluoromethane		0.3517	6.85		
Isopropylbenzene		1.492	10.2		
Methyl Tert Butyl Ether		0.5939	6.04		
Methyl acetate		0.1181	3.15		
Methylcyclohexane		0.4600	4.50		
Methylene Chloride		0.2974	9.31		
Styrene		0.9315	15.3		1.00
Tetrachloroethene		0.3300	4.58		
Trichloroethene		0.3429	5.48		
Trichlorofluoromethane		0.5440	21.4		1.00
cis-1,2-Dichloroethene		0.3117	7.82		
cis-1,3-Dichloropropene		0.4064	11.7		

KEMRON FORMS - Modified 01/18/2007
Version 1.5 PDF File ID: 795143
Report generated 06/21/2007 14:20

INITIAL CALIBRATION SUMMARY

Login Number: L0706260
Instrument ID: HPMS10
Analytical Method: 8260B
Initial Calibration Date: 17-MAY-07 15:55
ICAL Workgroup: WG240519
Column ID: F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
m-,p-Xylene		0.6228	5.84		
o-Xylene		0.6004	6.22		
trans-1,2-Dichloroethene		0.2961	9.21		
trans-1,3-Dichloropropene		0.4261	13.1		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

Login Number: L0706260 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
ICAL Workgroup: WG239757 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
1,1-Dichloroethene	CCC	0.4844	3.66		
1,2-Dichloropropane	CCC	0.2576	5.75		
Chloroform	CCC	0.4839	5.82		
Ethylbenzene	CCC	0.5199	5.69		
Toluene	CCC	1.314	6.37		
Vinyl Chloride	CCC	0.2230	18.3		1.00
1,1,2,2-Tetrachloroethane	SPCC	0.3618	9.01		
1,1-Dichloroethane	SPCC	0.5229	4.49		
Bromoform	SPCC	0.1414	19.9		1.00
Chlorobenzene	SPCC	0.9354	5.55		
Chloromethane	SPCC	0.3336	13.6		
1,1,1-Trichloroethane		0.4145	6.26		
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.2455	6.59		
1,1,2-Trichloroethane		0.1974	4.51		
1,2,4-Trichlorobenzene		0.8319	11.2		
1,2-Dibromo-3-Chloropropane		0.07470	8.99		
1,2-Dibromoethane		0.2124	5.63		
1,2-Dichlorobenzene		1.237	7.44		
1,2-Dichloroethane		0.3536	4.06		
1,3-Dichlorobenzene		1.376	4.68		
1,4-Dichlorobenzene		1.454	8.52		
2-Butanone		0.07120	2.57		
2-Hexanone		0.1374	6.25		
4-Methyl-2-Pentanone		0.05478	7.34		
Acetone		0.04887	8.18		
Benzene		0.9829	5.05		
Bromodichloromethane		0.3242	7.13		
Bromomethane		0.1894	7.37		
Carbon Disulfide		0.7591	8.32		
Carbon Tetrachloride		0.3477	9.03		
Chloroethane		0.2212	6.83		
Cyclohexane		0.4687	10.1		
Dibromochloromethane		0.2494	16.9	1.00	
Dichlorodifluoromethane		0.3559	9.68		
Isopropylbenzene		1.552	5.36		
Methyl Tert Butyl Ether		0.4941	2.89		
Methyl acetate		0.1447	6.18		
Methylcyclohexane		0.3347	10.5		
Methylene Chloride		0.2827	13.4		
Styrene		1.055	5.52		
Tetrachloroethene		0.3323	5.29		
Trichloroethene		0.2582	5.27		
Trichlorofluoromethane		0.5106	4.16		
cis-1,2-Dichloroethene		0.2655	4.04		
cis-1,3-Dichloropropene		0.3682	6.17		

KEMRON FORMS - Modified 01/18/2007
Version 1.5 PDF File ID: 795143
Report generated 06/21/2007 14:20

Login Number: L0706260 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
ICAL Workgroup: WG239757 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
m-,p-Xylene		0.5909	38.4		
o-Xylene		0.6391	4.09		
trans-1,2-Dichloroethene		0.2526	5.39		
trans-1,3-Dichloropropene		0.4241	6.48		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

KEMRON Environmental Services

INITIAL CALIBRATION SUMMARY

Login Number: L0706260 **Instrument ID:** HPMS8

Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59

ICAL Workgroup: WG239619 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
1,1-Dichloroethene	CCC	0.5093	11.0		
1,2-Dichloropropane	CCC	0.3067	6.12		
Chloroform	CCC	0.5804	5.40		
Ethylbenzene	CCC	0.6302	10.6		
Toluene	CCC	1.759	12.3		
Vinyl Chloride	CCC	0.2056	16.3		
1,1,2,2-Tetrachloroethane	SPCC	0.4473	7.94		
1,1-Dichloroethane	SPCC	0.5927	4.82		
Bromoform	SPCC	0.2075	15.5		1.00
Chlorobenzene	SPCC	1.177	11.0		
Chloromethane	SPCC	0.2457	8.65		
1,1,1-Trichloroethane		0.5251	8.80		
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.3058	6.41		
1,1,2-Trichloroethane		0.2573	8.68		
1,2,4-Trichlorobenzene		1.120	7.07		
1,2-Dibromo-3-Chloropropane		0.08260	15.6	1.00	
1,2-Dibromoethane		0.2695	8.59		
1,2-Dichlorobenzene		1.644	6.58		
1,2-Dichloroethane		0.3974	5.31		
1,3-Dichlorobenzene		1.856	7.52		
1,4-Dichlorobenzene		1.898	8.50		
2-Butanone		0.05616	5.69		
2-Hexanone		0.07223	5.91		
4-Methyl-2-Pentanone		0.06064	13.3		
Acetone		0.03815	4.64		
Benzene		1.226	7.05		
Bromodichloromethane		0.4118	6.54		
Bromomethane		0.2040	14.2		
Carbon Disulfide		0.8890	9.76		
Carbon Tetrachloride		0.4406	13.3		
Chloroethane		0.2479	3.70		
Cyclohexane		0.5013	13.7		
Dibromochloromethane		0.3486	10.9		
Dichlorodifluoromethane		0.4449	6.61		
Isopropylbenzene		1.883	11.8		
Methyl Tert Butyl Ether		0.5772	5.24		
Methyl acetate		0.1006	2.50		
Methylcyclohexane		0.4766	6.26		
Methylene Chloride		0.3388	7.97		
Styrene		1.257	11.0		
Tetrachloroethene		0.3753	8.75		
Trichloroethene		0.3720	6.18		
Trichlorofluoromethane		0.5984	10.9		
cis-1,2-Dichloroethene		0.3432	6.31		
cis-1,3-Dichloropropene		0.4561	8.09		

KEMRON FORMS - Modified 01/18/2007
Version 1.5 PDF File ID: 795143
Report generated 06/21/2007 14:20

Login Number: L0706260 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59
ICAL Workgroup: WG239619 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
m-,p-Xylene		0.7903	13.4		
o-Xylene		0.7873	8.28		
trans-1,2-Dichloroethene		0.4863	7.36		
trans-1,3-Dichloropropene		0.4825	8.14		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

Login Number: L0706260 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-02			WG240519-03			WG240519-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	1.00	6148.00000	0.2510
1,2-Dichloropropane	NA	NA	NA	0.400	2240.00000	0.2275	1.00	5977.00000	0.2440
Chloroform	0.300	4251.00000	0.5668	0.400	5491.00000	0.5576	1.00	12613.0000	0.5150
Ethylbenzene	NA	NA	NA	0.400	3930.00000	0.4628	1.00	10034.0000	0.4867
Toluene	NA	NA	NA	0.400	11228.0000	1.322	1.00	27233.0000	1.321
Vinyl Chloride	NA	NA	NA	0.400	1631.00000	0.1656	1.00	6120.00000	0.2499
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	1477.00000	0.3557	1.00	3653.00000	0.3574
1,1-Dichloroethane	NA	NA	NA	0.400	4627.00000	0.4699	1.00	12491.0000	0.5100
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2572.00000	0.1247
Chlorobenzene	NA	NA	NA	0.400	8363.00000	0.9849	1.00	20877.0000	1.013
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	7318.00000	0.2988
1,1,1-Trichloroethane	NA	NA	NA	0.400	3799.00000	0.3858	1.00	11788.0000	0.4813
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	0.400	1618.00000	0.1905	1.00	4083.00000	0.1980
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	3929.00000	0.9462	1.00	8871.00000	0.8680
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	0.400	1747.00000	0.2057	1.00	4497.00000	0.2181
1,2-Dichlorobenzene	0.300	4287.00000	1.350	0.400	5686.00000	1.369	1.00	13378.0000	1.309
1,2-Dichloroethane	NA	NA	NA	0.400	3485.00000	0.3539	1.00	9028.00000	0.3686
1,3-Dichlorobenzene	NA	NA	NA	0.400	6139.00000	1.479	1.00	15068.0000	1.474
1,4-Dichlorobenzene	0.300	5493.00000	1.730	0.400	6395.00000	1.540	1.00	15597.0000	1.526
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	10845.0000	1.101	1.00	25801.0000	1.054
Bromodichloromethane	NA	NA	NA	0.400	3112.00000	0.3160	1.00	8021.00000	0.3275
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	5102.00000	0.2083
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	19965.0000	0.8152
Carbon Tetrachloride	NA	NA	NA	0.400	3030.00000	0.3077	1.00	10291.0000	0.4202
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	4361.00000	0.1781
Cyclohexane	NA	NA	NA	NA	NA	NA	1.00	11168.0000	0.4560
Dibromochloromethane	NA	NA	NA	0.400	1857.00000	0.2187	1.00	5086.00000	0.2467
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	8525.00000	0.3481
Isopropylbenzene	NA	NA	NA	0.400	10279.0000	1.211	1.00	27875.0000	1.352
Methyl Tert Butyl Ether	NA	NA	NA	NA	NA	NA	1.00	13205.0000	0.5392
Methyl acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NA	NA	NA	NA	NA	NA	1.00	10473.0000	0.4276
Methylene Chloride	NA	NA	NA	0.400	3528.00000	0.3583	1.00	7247.00000	0.2959
Styrene	NA	NA	NA	0.400	6096.00000	0.7179	1.00	15547.0000	0.7540
Tetrachloroethene	NA	NA	NA	0.400	2537.00000	0.2988	1.00	6803.00000	0.3299
Trichloroethene	NA	NA	NA	0.400	3067.00000	0.3115	1.00	8486.00000	0.3465

Login Number: L0706260 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-05			WG240519-06			WG240519-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	13254.0000	0.2703	5.00	32558.0000	0.2666	20.0	144646.000	0.2901
1,2-Dichloropropane	2.00	13098.0000	0.2671	5.00	31515.0000	0.2580	20.0	139185.000	0.2792
Chloroform	2.00	27383.0000	0.5584	5.00	66907.0000	0.5478	20.0	289738.000	0.5811
Ethylbenzene	2.00	21821.0000	0.5259	5.00	52992.0000	0.5182	20.0	231257.000	0.5509
Toluene	2.00	57143.0000	1.377	5.00	142255.000	1.391	20.0	610755.000	1.455
Vinyl Chloride	2.00	11837.0000	0.2414	5.00	25240.0000	0.2067	20.0	100232.000	0.2010
1,1,2,2-Tetrachloroethane	2.00	9453.00000	0.4543	5.00	21357.0000	0.4110	20.0	97277.0000	0.4601
1,1-Dichloroethane	2.00	26215.0000	0.5346	5.00	65801.0000	0.5388	20.0	284736.000	0.5711
Bromoform	2.00	6351.00000	0.1531	5.00	16627.0000	0.1626	20.0	83506.0000	0.1989
Chlorobenzene	2.00	41673.0000	1.004	5.00	100739.000	0.9851	20.0	433591.000	1.033
Chloromethane	2.00	13278.0000	0.2708	5.00	29153.0000	0.2387	20.0	124662.000	0.2500
1,1,1-Trichloroethane	2.00	25289.0000	0.5157	5.00	61641.0000	0.5047	20.0	274997.000	0.5516
1,1,2-Trichloro-1,2,2-Trifluoroethane	2.00	15181.0000	0.3096	5.00	34276.0000	0.2807	20.0	154871.000	0.3106
1,1,2-Trichloroethane	2.00	9181.00000	0.2213	5.00	22044.0000	0.2156	20.0	102266.000	0.2436
1,2,4-Trichlorobenzene	2.00	20581.0000	0.9891	5.00	47237.0000	0.9090	20.0	213256.000	1.009
1,2-Dibromo-3-Chloropropane	2.00	1351.00000	0.06490	5.00	3304.00000	0.06360	20.0	17469.0000	0.08260
1,2-Dibromoethane	2.00	9818.00000	0.2366	5.00	24475.0000	0.2393	20.0	111118.000	0.2647
1,2-Dichlorobenzene	2.00	29992.0000	1.441	5.00	69982.0000	1.347	20.0	302971.000	1.433
1,2-Dichloroethane	2.00	18693.0000	0.3812	5.00	46267.0000	0.3788	20.0	199830.000	0.4008
1,3-Dichlorobenzene	2.00	32683.0000	1.571	5.00	80763.0000	1.554	20.0	344139.000	1.628
1,4-Dichlorobenzene	2.00	34794.0000	1.672	5.00	81556.0000	1.569	20.0	347901.000	1.646
2-Butanone	NA	NA	NA	5.00	7420.00000	0.06080	20.0	30777.0000	0.06170
2-Hexanone	NA	NA	NA	5.00	9783.00000	0.09570	20.0	45175.0000	0.1076
4-Methyl-2-Pentanone	NA	NA	NA	5.00	6163.00000	0.05050	20.0	27836.0000	0.05580
Acetone	NA	NA	NA	5.00	5792.00000	0.04740	20.0	22241.0000	0.04460
Benzene	2.00	53667.0000	1.095	5.00	134030.000	1.098	20.0	573077.000	1.149
Bromodichloromethane	2.00	18114.0000	0.3694	5.00	42894.0000	0.3512	20.0	203269.000	0.4077
Bromomethane	2.00	10399.0000	0.2121	5.00	24986.0000	0.2046	20.0	104332.000	0.2093
Carbon Disulfide	2.00	41391.0000	0.8441	5.00	106566.000	0.8726	20.0	445926.000	0.8944
Carbon Tetrachloride	2.00	22294.0000	0.4547	5.00	56240.0000	0.4605	20.0	255880.000	0.5132
Chloroethane	2.00	9539.00000	0.1945	5.00	23357.0000	0.1913	20.0	99217.0000	0.1990
Cyclohexane	2.00	22997.0000	0.4690	5.00	59369.0000	0.4861	20.0	253035.000	0.5075
Dibromochloromethane	2.00	12326.0000	0.2970	5.00	30826.0000	0.3014	20.0	145269.000	0.3461
Dichlorodifluoromethane	2.00	18783.0000	0.3831	5.00	42829.0000	0.3507	20.0	184477.000	0.3700
Isopropylbenzene	2.00	60489.0000	1.458	5.00	156422.000	1.530	20.0	687473.000	1.638
Methyl Tert Butyl Ether	2.00	28493.0000	0.5811	5.00	69504.0000	0.5691	20.0	307203.000	0.6162
Methyl acetate	2.00	5849.00000	0.1193	5.00	14178.0000	0.1161	20.0	59819.0000	0.1200
Methylcyclohexane	2.00	21674.0000	0.4420	5.00	56908.0000	0.4660	20.0	237004.000	0.4754
Methylene Chloride	2.00	15089.0000	0.3077	5.00	34998.0000	0.2866	20.0	146985.000	0.2948
Styrene	2.00	35969.0000	0.8668	5.00	94311.0000	0.9222	20.0	445228.000	1.061
Tetrachloroethene	2.00	13666.0000	0.3293	5.00	33283.0000	0.3255	20.0	143518.000	0.3419
Trichloroethene	2.00	16187.0000	0.3301	5.00	40784.0000	0.3339	20.0	181235.000	0.3635

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Login Number: L0706260 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-08			WG240519-09			WG240519-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	365432.000	0.2932	100	731852.000	0.2904	200	1462549.00	0.2731
1,2-Dichloropropane	50.0	352435.000	0.2828	100	708563.000	0.2812	200	1391308.00	0.2598
Chloroform	50.0	731048.000	0.5866	100	1443430.00	0.5728	200	2839772.00	0.5302
Ethylbenzene	50.0	576072.000	0.5437	100	1122107.00	0.5345	200	2148390.00	0.4919
Toluene	50.0	1529561.00	1.444	100	3020115.00	1.439	200	5896322.00	1.350
Vinyl Chloride	50.0	240863.000	0.1933	100	423027.000	0.1679	NA	NA	NA
1,1,2,2-Tetrachloroethane	50.0	231110.000	0.4339	100	481090.000	0.4473	200	894506.000	0.4055
1,1-Dichloroethane	50.0	711393.000	0.5708	100	1404292.00	0.5572	200	2774113.00	0.5180
Bromoform	50.0	211646.000	0.1998	100	447221.000	0.2130	200	817210.000	0.1871
Chlorobenzene	50.0	1070474.00	1.010	100	2071936.00	0.9870	200	3941580.00	0.9025
Chloromethane	50.0	295290.000	0.2369	100	565531.000	0.2244	200	1126616.00	0.2104
1,1,1-Trichloroethane	50.0	694935.000	0.5576	100	1385178.00	0.5497	200	2699843.00	0.5041
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.0	388503.000	0.3117	100	762423.000	0.3025	200	1553902.00	0.2901
1,1,2-Trichloroethane	50.0	242672.000	0.2290	100	497527.000	0.2370	200	929903.000	0.2129
1,2,4-Trichlorobenzene	50.0	532120.000	0.9990	100	1105011.00	1.028	200	2084954.00	0.9452
1,2-Dibromo-3-Chloropropane	50.0	46815.0000	0.08790	100	108254.000	0.1007	200	207524.000	0.09410
1,2-Dibromoethane	50.0	275580.000	0.2601	100	567974.000	0.2706	200	1061476.00	0.2430
1,2-Dichlorobenzene	50.0	756844.000	1.421	100	1472811.00	1.370	200	2799550.00	1.269
1,2-Dichloroethane	50.0	493629.000	0.3961	100	996385.000	0.3954	200	1902448.00	0.3552
1,3-Dichlorobenzene	50.0	867829.000	1.629	100	1703140.00	1.584	200	3211107.00	1.456
1,4-Dichlorobenzene	50.0	868792.000	1.631	100	1707896.00	1.588	200	3214113.00	1.457
2-Butanone	50.0	73684.0000	0.05910	100	164754.000	0.06540	200	309395.000	0.05780
2-Hexanone	50.0	108798.000	0.1027	100	234128.000	0.1115	200	428612.000	0.09810
4-Methyl-2-Pentanone	50.0	69052.0000	0.05540	100	145848.000	0.05790	200	267450.000	0.04990
Acetone	50.0	53080.0000	0.04260	100	112497.000	0.04460	200	211866.000	0.03960
Benzene	50.0	1442919.00	1.158	100	2847842.00	1.130	200	5650412.00	1.055
Bromodichloromethane	50.0	511855.000	0.4107	100	1040996.00	0.4131	200	2002950.00	0.3740
Bromomethane	50.0	265043.000	0.2127	100	509825.000	0.2023	200	1065681.00	0.1990
Carbon Disulfide	50.0	1114781.00	0.8945	100	2222684.00	0.8820	200	4415024.00	0.8244
Carbon Tetrachloride	50.0	652753.000	0.5238	100	1287755.00	0.5110	200	2521874.00	0.4709
Chloroethane	50.0	247214.000	0.1984	100	483611.000	0.1919	200	970035.000	0.1811
Cyclohexane	50.0	633977.000	0.5087	100	1265274.00	0.5021	200	2507018.00	0.4681
Dibromochloromethane	50.0	376004.000	0.3549	100	773466.000	0.3684	200	1447670.00	0.3315
Dichlorodifluoromethane	50.0	451137.000	0.3620	100	857827.000	0.3404	200	1649047.00	0.3079
Isopropylbenzene	50.0	1739821.00	1.642	100	3403769.00	1.621	200	6476939.00	1.483
Methyl Tert Butyl Ether	50.0	751935.000	0.6034	100	1642695.00	0.6518	200	3195251.00	0.5966
Methyl acetate	50.0	142984.000	0.1147	100	312367.000	0.1240	200	612065.000	0.1143
Methylcyclohexane	50.0	602937.000	0.4838	100	1198877.00	0.4757	200	2406573.00	0.4494
Methylene Chloride	50.0	361067.000	0.2897	100	712625.000	0.2828	200	1410886.00	0.2634
Styrene	50.0	1139803.00	1.076	100	2254656.00	1.074	200	4281831.00	0.9804
Tetrachloroethene	50.0	364834.000	0.3443	100	724779.000	0.3452	200	1420182.00	0.3252
Trichloroethene	50.0	453561.000	0.3639	100	906116.000	0.3596	200	1788275.00	0.3339

Login Number: L0706260 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-11		
	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA
Chloroform	NA	NA	NA
Ethylbenzene	NA	NA	NA
Toluene	NA	NA	NA
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA
Bromoform	NA	NA	NA
Chlorobenzene	NA	NA	NA
Chloromethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA
1,2-Dibromo-3-Chloropropane	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA
2-Butanone	300	480000.000	0.05900
2-Hexanone	300	658208.000	0.09620
4-Methyl-2-Pentanone	300	417117.000	0.05130
Acetone	300	308730.000	0.03790
Benzene	NA	NA	NA
Bromodichloromethane	NA	NA	NA
Bromomethane	NA	NA	NA
Carbon Disulfide	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA
Chloroethane	NA	NA	NA
Cyclohexane	NA	NA	NA
Dibromochloromethane	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA
Isopropylbenzene	NA	NA	NA
Methyl Tert Butyl Ether	NA	NA	NA
Methyl acetate	NA	NA	NA
Methylcyclohexane	NA	NA	NA
Methylene Chloride	NA	NA	NA
Styrene	NA	NA	NA
Tetrachloroethene	NA	NA	NA
Trichloroethene	NA	NA	NA

Login Number: L0706260 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-02			WG240519-03			WG240519-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA	0.400	2615.00000	0.2656	1.00	14154.0000	0.5779
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2596.00000	0.2636	1.00	7239.00000	0.2956
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3264.00000	0.3315	1.00	8847.00000	0.3612
m-,p-Xylene	NA	NA	NA	0.800	9485.00000	0.5585	2.00	25148.0000	0.6098
o-Xylene	NA	NA	NA	0.400	4615.00000	0.5435	1.00	11996.0000	0.5818
trans-1,2-Dichloroethene	NA	NA	NA	0.400	2375.00000	0.2412	1.00	6852.00000	0.2798
trans-1,3-Dichloropropene	NA	NA	NA	0.400	2840.00000	0.3345	1.00	7376.00000	0.3577

Login Number: L0706260 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-05			WG240519-06			WG240519-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	2.00	30051.0000	0.6128	5.00	71043.0000	0.5817	20.0	304019.000	0.6098
cis-1,2-Dichloroethene	2.00	15144.0000	0.3088	5.00	37903.0000	0.3104	20.0	166870.000	0.3347
cis-1,3-Dichloropropene	2.00	18801.0000	0.3834	5.00	47760.0000	0.3911	20.0	224541.000	0.4504
m-,p-Xylene	4.00	50675.0000	0.6106	10.0	128856.000	0.6300	40.0	560276.000	0.6674
o-Xylene	2.00	23763.0000	0.5727	5.00	60368.0000	0.5903	20.0	269037.000	0.6409
trans-1,2-Dichloroethene	2.00	14481.0000	0.2953	5.00	35190.0000	0.2881	20.0	158062.000	0.3170
trans-1,3-Dichloropropene	2.00	17344.0000	0.4180	5.00	43248.0000	0.4229	20.0	199709.000	0.4758

Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS10
Initial Calibration Date: 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-08			WG240519-09			WG240519-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	50.0	755871.000	0.6065	100	1451138.00	0.5758	200	2793257.00	0.5216
cis-1,2-Dichloroethene	50.0	420231.000	0.3372	100	836057.000	0.3318	200	1668532.00	0.3115
cis-1,3-Dichloropropene	50.0	571919.000	0.4589	100	1153957.00	0.4579	200	2233622.00	0.4171
m-,p-Xylene	100	1402093.00	0.6616	200	2718994.00	0.6476	400	5215488.00	0.5971
o-Xylene	50.0	684554.000	0.6461	100	1340396.00	0.6385	200	2575307.00	0.5897
trans-1,2-Dichloroethene	50.0	402919.000	0.3233	100	810116.000	0.3215	200	1618813.00	0.3023
trans-1,3-Dichloropropene	50.0	503024.000	0.4748	100	1022811.00	0.4872	200	1913348.00	0.4381

Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS10
Initial Calibration Date: 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-11		
	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA
m-,p-Xylene	NA	NA	NA
o-Xylene	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA

Login Number: L0706260 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-02			WG239757-03			WG239757-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	7734.00000	0.4824	1.00	19120.0000	0.4765
1,2-Dichloropropane	NA	NA	NA	0.400	3638.00000	0.2269	1.00	9980.00000	0.2487
Chloroform	0.300	6829.00000	0.5427	0.400	7592.00000	0.4736	1.00	19668.0000	0.4902
Ethylbenzene	NA	NA	NA	0.400	6136.00000	0.5104	1.00	17114.0000	0.5701
Toluene	NA	NA	NA	0.400	15272.0000	1.270	1.00	40883.0000	1.362
Vinyl Chloride	NA	NA	NA	0.400	4474.00000	0.2791	1.00	10547.0000	0.2629
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	2110.00000	0.2971	1.00	5959.00000	0.3339
1,1-Dichloroethane	NA	NA	NA	0.400	7806.00000	0.4869	1.00	21379.0000	0.5328
Bromoform	NA	NA	NA	NA	NA	NA	1.00	3153.00000	0.1050
Chlorobenzene	NA	NA	NA	0.400	11776.0000	0.9796	1.00	29870.0000	0.9951
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	16266.0000	0.4054
1,1,1-Trichloroethane	NA	NA	NA	0.400	5857.00000	0.3654	1.00	15984.0000	0.3984
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	1.00	10506.0000	0.2618
1,1,2-Trichloroethane	NA	NA	NA	0.400	2131.00000	0.1773	1.00	5834.00000	0.1944
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	7066.00000	0.9950	1.00	16153.0000	0.9051
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	1.00	1133.00000	0.06350
1,2-Dibromoethane	NA	NA	NA	0.400	2315.00000	0.1926	1.00	6066.00000	0.2021
1,2-Dichlorobenzene	0.300	8061.00000	1.436	0.400	8276.00000	1.165	1.00	23109.0000	1.295
1,2-Dichloroethane	NA	NA	NA	0.400	5485.00000	0.3422	1.00	14407.0000	0.3591
1,3-Dichlorobenzene	NA	NA	NA	0.400	10116.0000	1.425	1.00	25438.0000	1.425
1,4-Dichlorobenzene	0.300	9286.00000	1.655	0.400	11301.0000	1.591	1.00	27290.0000	1.529
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	15029.0000	0.9375	1.00	40893.0000	1.019
Bromodichloromethane	NA	NA	NA	0.400	4474.00000	0.2791	1.00	12610.0000	0.3143
Bromomethane	NA	NA	NA	0.400	3034.00000	0.1893	1.00	7470.00000	0.1862
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	30471.0000	0.7594
Carbon Tetrachloride	NA	NA	NA	0.400	4766.00000	0.2973	1.00	13118.0000	0.3269
Chloroethane	NA	NA	NA	0.400	3317.00000	0.2069	1.00	9488.00000	0.2365
Cyclohexane	NA	NA	NA	NA	NA	NA	1.00	19188.0000	0.4782
Dibromochloromethane	NA	NA	NA	0.400	2076.00000	0.1727	1.00	6837.00000	0.2278
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	16049.0000	0.4000
Isopropylbenzene	NA	NA	NA	0.400	18209.0000	1.515	1.00	47101.0000	1.569
Methyl Tert Butyl Ether	NA	NA	NA	NA	NA	NA	1.00	19665.0000	0.4901
Methyl acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NA	NA	NA	NA	NA	NA	1.00	13097.0000	0.3264
Methylene Chloride	NA	NA	NA	0.400	5576.00000	0.3478	1.00	13262.0000	0.3305
Styrene	NA	NA	NA	0.400	11653.0000	0.9694	1.00	31669.0000	1.055
Tetrachloroethene	NA	NA	NA	0.400	4294.00000	0.3572	1.00	10172.0000	0.3389
Trichloroethene	NA	NA	NA	0.400	3723.00000	0.2322	1.00	10939.0000	0.2726

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Login Number: L0706260 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-05			WG239757-06			WG239757-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	41316.0000	0.5101	5.00	90260.0000	0.4501	20.0	413231.000	0.4984
1,2-Dichloropropane	2.00	22290.0000	0.2752	5.00	50989.0000	0.2543	20.0	222853.000	0.2688
Chloroform	2.00	40975.0000	0.5059	5.00	93603.0000	0.4668	20.0	406616.000	0.4904
Ethylbenzene	2.00	31802.0000	0.5200	5.00	79173.0000	0.5118	20.0	345779.000	0.5471
Toluene	2.00	87295.0000	1.427	5.00	199299.000	1.288	20.0	886463.000	1.403
Vinyl Chloride	2.00	21145.0000	0.2610	5.00	42021.0000	0.2096	20.0	178970.000	0.2158
1,1,2,2-Tetrachloroethane	2.00	12452.0000	0.3508	5.00	35683.0000	0.3905	20.0	139841.000	0.3748
1,1-Dichloroethane	2.00	45262.0000	0.5588	5.00	101521.000	0.5063	20.0	453355.000	0.5468
Bromoform	2.00	6828.00000	0.1116	5.00	19739.0000	0.1276	20.0	88218.0000	0.1396
Chlorobenzene	2.00	59191.0000	0.9678	5.00	141516.000	0.9147	20.0	609802.000	0.9648
Chloromethane	2.00	31546.0000	0.3895	5.00	63082.0000	0.3146	20.0	272466.000	0.3286
1,1,1-Trichloroethane	2.00	35044.0000	0.4326	5.00	79864.0000	0.3983	20.0	362982.000	0.4378
1,1,2-Trichloro-1,2,2-Trifluoroethane	2.00	21577.0000	0.2664	5.00	45221.0000	0.2255	20.0	208347.000	0.2513
1,1,2-Trichloroethane	2.00	11969.0000	0.1957	5.00	31152.0000	0.2014	20.0	127239.000	0.2013
1,2,4-Trichlorobenzene	2.00	31228.0000	0.8797	5.00	74292.0000	0.8131	20.0	308979.000	0.8281
1,2-Dibromo-3-Chloropropane	2.00	2382.00000	0.06710	5.00	7229.00000	0.07910	20.0	28405.0000	0.07610
1,2-Dibromoethane	2.00	12348.0000	0.2019	5.00	33335.0000	0.2155	20.0	137938.000	0.2182
1,2-Dichlorobenzene	2.00	44697.0000	1.259	5.00	110400.000	1.208	20.0	471737.000	1.264
1,2-Dichloroethane	2.00	28617.0000	0.3533	5.00	74392.0000	0.3710	20.0	305944.000	0.3690
1,3-Dichlorobenzene	2.00	51651.0000	1.455	5.00	124662.000	1.364	20.0	523753.000	1.404
1,4-Dichlorobenzene	2.00	53042.0000	1.494	5.00	127273.000	1.393	20.0	534355.000	1.432
2-Butanone	NA	NA	NA	5.00	14360.0000	0.07160	20.0	56856.0000	0.06860
2-Hexanone	NA	NA	NA	5.00	19359.0000	0.1251	20.0	81657.0000	0.1292
4-Methyl-2-Pentanone	NA	NA	NA	5.00	9840.00000	0.04910	20.0	42611.0000	0.05140
Acetone	NA	NA	NA	5.00	11127.0000	0.05550	20.0	41798.0000	0.05040
Benzene	2.00	85729.0000	1.058	5.00	194150.000	0.9682	20.0	845450.000	1.020
Bromodichloromethane	2.00	25146.0000	0.3104	5.00	64015.0000	0.3192	20.0	281098.000	0.3390
Bromomethane	2.00	15425.0000	0.1904	5.00	32256.0000	0.1609	20.0	154185.000	0.1860
Carbon Disulfide	2.00	63392.0000	0.7826	5.00	124034.000	0.6185	20.0	662507.000	0.7990
Carbon Tetrachloride	2.00	28072.0000	0.3466	5.00	63285.0000	0.3156	20.0	311116.000	0.3752
Chloroethane	2.00	19894.0000	0.2456	5.00	40335.0000	0.2011	20.0	182087.000	0.2196
Cyclohexane	2.00	39382.0000	0.4862	5.00	73780.0000	0.3679	20.0	414077.000	0.4994
Dibromochloromethane	2.00	13447.0000	0.2199	5.00	37437.0000	0.2420	20.0	166399.000	0.2633
Dichlorodifluoromethane	2.00	31909.0000	0.3939	5.00	66623.0000	0.3322	20.0	304987.000	0.3678
Isopropylbenzene	2.00	98349.0000	1.608	5.00	226757.000	1.466	20.0	1051083.00	1.663
Methyl Tert Butyl Ether	2.00	38011.0000	0.4693	5.00	98738.0000	0.4924	20.0	420497.000	0.5071
Methyl acetate	2.00	12354.0000	0.1525	5.00	29684.0000	0.1480	20.0	112193.000	0.1353
Methylcyclohexane	2.00	28011.0000	0.3458	5.00	52190.0000	0.2603	20.0	302164.000	0.3644
Methylene Chloride	2.00	23786.0000	0.2937	5.00	54242.0000	0.2705	20.0	218162.000	0.2631
Styrene	2.00	63790.0000	1.043	5.00	160425.000	1.037	20.0	718369.000	1.137
Tetrachloroethene	2.00	21417.0000	0.3502	5.00	47720.0000	0.3085	20.0	214642.000	0.3396
Trichloroethene	2.00	21931.0000	0.2708	5.00	48945.0000	0.2441	20.0	219349.000	0.2645

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Login Number: L0706260 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-08			WG239757-09			WG239757-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	1050662.00	0.4883	100	2059557.00	0.4780	200	4547593.00	0.4912
1,2-Dichloropropane	50.0	562220.000	0.2613	100	1136579.00	0.2638	200	2426360.00	0.2621
Chloroform	50.0	1025703.00	0.4767	100	1991576.00	0.4623	200	4134154.00	0.4465
Ethylbenzene	50.0	864192.000	0.5215	100	1723058.00	0.5093	200	3458349.00	0.4690
Toluene	50.0	2189839.00	1.322	100	4302489.00	1.272	200	8605216.00	1.167
Vinyl Chloride	50.0	435763.000	0.2025	100	824509.000	0.1914	200	1496630.00	0.1616
1,1,2,2-Tetrachloroethane	50.0	388587.000	0.3821	100	835048.000	0.3893	200	1673299.00	0.3756
1,1-Dichloroethane	50.0	1138324.00	0.5290	100	2216487.00	0.5145	200	4704973.00	0.5082
Bromoform	50.0	263462.000	0.1590	100	588289.000	0.1739	200	1274848.00	0.1729
Chlorobenzene	50.0	1524858.00	0.9203	100	3059297.00	0.9042	200	6167697.00	0.8365
Chloromethane	50.0	653611.000	0.3037	100	1275025.00	0.2959	200	2753367.00	0.2974
1,1,1-Trichloroethane	50.0	945607.000	0.4394	100	1858208.00	0.4313	200	3821911.00	0.4128
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.0	533137.000	0.2478	100	1035284.00	0.2403	200	2087469.00	0.2255
1,1,2-Trichloroethane	50.0	335580.000	0.2025	100	695017.000	0.2054	200	1485667.00	0.2015
1,2,4-Trichlorobenzene	50.0	795026.000	0.7817	100	1603389.00	0.7475	200	3142181.00	0.7053
1,2-Dibromo-3-Chloropropane	50.0	81954.0000	0.08060	100	171478.000	0.07990	200	341067.000	0.07660
1,2-Dibromoethane	50.0	368717.000	0.2225	100	763914.000	0.2258	200	1625705.00	0.2205
1,2-Dichlorobenzene	50.0	1224705.00	1.204	100	2541205.00	1.185	200	4990258.00	1.120
1,2-Dichloroethane	50.0	770802.000	0.3582	100	1504056.00	0.3491	200	3029011.00	0.3271
1,3-Dichlorobenzene	50.0	1369923.00	1.347	100	2843857.00	1.326	200	5607669.00	1.259
1,4-Dichlorobenzene	50.0	1393700.00	1.370	100	2896230.00	1.350	200	5652975.00	1.269
2-Butanone	50.0	151776.000	0.07050	100	316024.000	0.07340	200	675993.000	0.07300
2-Hexanone	50.0	231092.000	0.1395	100	496610.000	0.1468	200	1023988.00	0.1389
4-Methyl-2-Pentanone	50.0	120119.000	0.05580	100	256286.000	0.05950	200	541174.000	0.05840
Acetone	50.0	104763.000	0.04870	100	207810.000	0.04820	200	435493.000	0.04700
Benzene	50.0	2131994.00	0.9908	100	4157740.00	0.9650	200	8370589.00	0.9041
Bromodichloromethane	50.0	738009.000	0.3430	100	1493546.00	0.3467	200	3166133.00	0.3420
Bromomethane	50.0	414384.000	0.1926	100	860369.000	0.1997	200	1941217.00	0.2097
Carbon Disulfide	50.0	1698481.00	0.7893	100	3360251.00	0.7799	200	7266806.00	0.7848
Carbon Tetrachloride	50.0	816841.000	0.3796	100	1626193.00	0.3774	200	3359811.00	0.3629
Chloroethane	50.0	483296.000	0.2246	100	970601.000	0.2253	200	1941554.00	0.2097
Cyclohexane	50.0	1081688.00	0.5027	100	2114898.00	0.4909	200	4215187.00	0.4553
Dibromochloromethane	50.0	466851.000	0.2817	100	1000618.00	0.2957	200	2152233.00	0.2919
Dichlorodifluoromethane	50.0	756851.000	0.3517	100	1478624.00	0.3432	200	2800310.00	0.3024
Isopropylbenzene	50.0	2660840.00	1.606	100	5342855.00	1.579	200	10393022.0	1.410
Methyl Tert Butyl Ether	50.0	1097482.00	0.5100	100	2171340.00	0.5040	200	4497040.00	0.4857
Methyl acetate	50.0	291244.000	0.1353	100	605141.000	0.1405	200	1446896.00	0.1563
Methylcyclohexane	50.0	763664.000	0.3549	100	1531308.00	0.3554	200	3109408.00	0.3358
Methylene Chloride	50.0	546179.000	0.2538	100	1087790.00	0.2525	200	2310154.00	0.2495
Styrene	50.0	1847075.00	1.115	100	3705027.00	1.095	200	7305313.00	0.9908
Tetrachloroethene	50.0	548379.000	0.3309	100	1090532.00	0.3223	200	2292351.00	0.3109
Trichloroethene	50.0	558934.000	0.2598	100	1128065.00	0.2618	200	2405085.00	0.2598

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Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-11		
	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA
Chloroform	NA	NA	NA
Ethylbenzene	NA	NA	NA
Toluene	NA	NA	NA
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA
Bromoform	NA	NA	NA
Chlorobenzene	NA	NA	NA
Chloromethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA
1,2-Dibromo-3-Chloropropane	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA
2-Butanone	300	928123.000	0.07010
2-Hexanone	300	1457928.00	0.1449
4-Methyl-2-Pentanone	300	721519.000	0.05450
Acetone	300	574865.000	0.04340
Benzene	NA	NA	NA
Bromodichloromethane	NA	NA	NA
Bromomethane	NA	NA	NA
Carbon Disulfide	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA
Chloroethane	NA	NA	NA
Cyclohexane	NA	NA	NA
Dibromochloromethane	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA
Isopropylbenzene	NA	NA	NA
Methyl Tert Butyl Ether	NA	NA	NA
Methyl acetate	NA	NA	NA
Methylcyclohexane	NA	NA	NA
Methylene Chloride	NA	NA	NA
Styrene	NA	NA	NA
Tetrachloroethene	NA	NA	NA
Trichloroethene	NA	NA	NA

Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-02			WG239757-03			WG239757-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA	0.400	8154.00000	0.5086	1.00	20596.0000	0.5133
cis-1,2-Dichloroethene	NA	NA	NA	0.400	4340.00000	0.2707	1.00	10995.0000	0.2740
cis-1,3-Dichloropropene	NA	NA	NA	0.400	5356.00000	0.3341	1.00	14010.0000	0.3492
m-,p-Xylene	NA	NA	NA	0.800	16510.0000	0.6867	2.00	43708.0000	0.7281
o-Xylene	NA	NA	NA	0.400	7583.00000	0.6308	1.00	19605.0000	0.6531
trans-1,2-Dichloroethene	NA	NA	NA	0.400	3977.00000	0.2481	1.00	10875.0000	0.2710
trans-1,3-Dichloropropene	NA	NA	NA	0.400	4463.00000	0.3713	1.00	12277.0000	0.4090

Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-05			WG239757-06			WG239757-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	2.00	43432.0000	0.5362	5.00	92888.0000	0.4632	20.0	424588.000	0.5121
cis-1,2-Dichloroethene	2.00	22966.0000	0.2835	5.00	51650.0000	0.2576	20.0	223699.000	0.2698
cis-1,3-Dichloropropene	2.00	28462.0000	0.3514	5.00	71958.0000	0.3588	20.0	316254.000	0.3814
m-,p-Xylene	4.00	86237.0000	0.7050	10.0	195215.000	0.6309	40.0	884778.000	0.7000
o-Xylene	2.00	40231.0000	0.6578	5.00	95089.0000	0.6146	20.0	425058.000	0.6725
trans-1,2-Dichloroethene	2.00	21984.0000	0.2714	5.00	47729.0000	0.2380	20.0	215516.000	0.2599
trans-1,3-Dichloropropene	2.00	25251.0000	0.4129	5.00	64583.0000	0.4175	20.0	276408.000	0.4373

Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-08			WG239757-09			WG239757-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	50.0	1099476.00	0.5110	100	2216129.00	0.5144	200	4866778.00	0.5256
cis-1,2-Dichloroethene	50.0	561154.000	0.2608	100	1101234.00	0.2556	200	2334803.00	0.2522
cis-1,3-Dichloropropene	50.0	829268.000	0.3854	100	1712980.00	0.3976	200	3589279.00	0.3877
m-,p-Xylene	100	2199706.00	0.6638	200	4317657.00	0.6381	400	8344415.00	0.5659
o-Xylene	50.0	1078156.00	0.6507	100	2173049.00	0.6423	200	4358249.00	0.5911
trans-1,2-Dichloroethene	50.0	538463.000	0.2502	100	1059947.00	0.2460	200	2187287.00	0.2362
trans-1,3-Dichloropropene	50.0	743055.000	0.4484	100	1546752.00	0.4572	200	3240797.00	0.4395

Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-11		
	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA
m-,p-Xylene	300	0	0
o-Xylene	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA

Login Number: L0706260 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-02			WG239619-03			WG239619-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	3844.00000	0.4248	1.00	12044.0000	0.5347
1,2-Dichloropropane	NA	NA	NA	0.400	2475.00000	0.2735	1.00	7115.00000	0.3159
Chloroform	0.300	4134.00000	0.6053	0.400	5062.00000	0.5594	1.00	13227.0000	0.5873
Ethylbenzene	NA	NA	NA	0.400	4465.00000	0.6111	1.00	11548.0000	0.6523
Toluene	NA	NA	NA	0.400	14340.0000	1.963	1.00	36145.0000	2.042
Vinyl Chloride	NA	NA	NA	0.400	2048.00000	0.2263	1.00	5285.00000	0.2346
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	1641.00000	0.3732	1.00	4703.00000	0.4408
1,1-Dichloroethane	NA	NA	NA	0.400	5344.00000	0.5906	1.00	13779.0000	0.6118
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2870.00000	0.1621
Chlorobenzene	NA	NA	NA	0.400	9091.00000	1.244	1.00	22645.0000	1.279
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	6317.00000	0.2805
1,1,1-Trichloroethane	NA	NA	NA	0.400	4376.00000	0.4836	1.00	11752.0000	0.5218
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	1.00	6519.00000	0.2894
1,1,2-Trichloroethane	NA	NA	NA	0.400	1511.00000	0.2068	1.00	4629.00000	0.2615
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	4835.00000	1.100	1.00	12170.0000	1.141
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	0.400	1630.00000	0.2231	1.00	4786.00000	0.2703
1,2-Dichlorobenzene	0.300	5779.00000	1.749	0.400	7249.00000	1.649	1.00	17645.0000	1.654
1,2-Dichloroethane	NA	NA	NA	0.400	3680.00000	0.4067	1.00	9057.00000	0.4021
1,3-Dichlorobenzene	NA	NA	NA	0.400	8222.00000	1.870	1.00	20745.0000	1.945
1,4-Dichlorobenzene	0.300	6814.00000	2.062	0.400	8581.00000	1.951	1.00	21488.0000	2.014
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	11553.0000	1.277	1.00	29589.0000	1.314
Bromodichloromethane	NA	NA	NA	0.400	3410.00000	0.3768	1.00	9016.00000	0.4003
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	3710.00000	0.1647
Carbon Disulfide	NA	NA	NA	0.400	8011.00000	0.8853	1.00	19454.0000	0.8637
Carbon Tetrachloride	NA	NA	NA	0.400	3155.00000	0.3487	1.00	10231.0000	0.4542
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	5464.00000	0.2426
Cyclohexane	NA	NA	NA	NA	NA	NA	1.00	10538.0000	0.4679
Dibromochloromethane	NA	NA	NA	0.400	2164.00000	0.2962	1.00	5487.00000	0.3099
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	10161.0000	0.4511
Isopropylbenzene	NA	NA	NA	0.400	12215.0000	1.672	1.00	35251.0000	1.991
Methyl Tert Butyl Ether	NA	NA	NA	NA	NA	NA	1.00	12213.0000	0.5422
Methyl acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	0.400	3536.00000	0.3908	1.00	8272.00000	0.3673
Styrene	NA	NA	NA	0.400	7992.00000	1.094	1.00	21328.0000	1.205
Tetrachloroethene	NA	NA	NA	0.400	2467.00000	0.3376	1.00	6965.00000	0.3934
Trichloroethene	NA	NA	NA	0.400	3541.00000	0.3913	1.00	9042.00000	0.4015

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Login Number: L0706260 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-05			WG239619-06			WG239619-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	18866.0000	0.4334	5.00	54888.0000	0.4957	20.0	255873.000	0.5720
1,2-Dichloropropane	2.00	12739.0000	0.2926	5.00	33850.0000	0.3057	20.0	148138.000	0.3312
Chloroform	2.00	23573.0000	0.5415	5.00	64864.0000	0.5858	20.0	281200.000	0.6286
Ethylbenzene	2.00	21518.0000	0.6202	5.00	58779.0000	0.6616	20.0	257442.000	0.7121
Toluene	2.00	59282.0000	1.709	5.00	160210.000	1.803	20.0	673024.000	1.862
Vinyl Chloride	2.00	10516.0000	0.2416	5.00	23427.0000	0.2116	20.0	88094.0000	0.1969
1,1,2,2-Tetrachloroethane	2.00	9065.00000	0.4265	5.00	24168.0000	0.4515	20.0	104796.000	0.4854
1,1-Dichloroethane	2.00	23987.0000	0.5510	5.00	65985.0000	0.5959	20.0	285640.000	0.6385
Bromoform	2.00	5991.00000	0.1727	5.00	16773.0000	0.1888	20.0	82356.0000	0.2278
Chlorobenzene	2.00	40907.0000	1.179	5.00	109227.000	1.229	20.0	463475.000	1.282
Chloromethane	2.00	11355.0000	0.2608	5.00	28037.0000	0.2532	20.0	104222.000	0.2330
1,1,1-Trichloroethane	2.00	20037.0000	0.4603	5.00	57563.0000	0.5198	20.0	266008.000	0.5947
1,1,2-Trichloro-1,2,2-Trifluoroethane	2.00	14220.0000	0.3267	5.00	35691.0000	0.3223	20.0	143481.000	0.3207
1,1,2-Trichloroethane	2.00	8871.00000	0.2557	5.00	23525.0000	0.2648	20.0	101564.000	0.2809
1,2,4-Trichlorobenzene	2.00	21612.0000	1.017	5.00	60892.0000	1.137	20.0	267518.000	1.239
1,2-Dibromo-3-Chloropropane	2.00	1261.00000	0.05930	5.00	4033.00000	0.07530	20.0	19598.0000	0.09080
1,2-Dibromoethane	2.00	8724.00000	0.2514	5.00	23943.0000	0.2695	20.0	106339.000	0.2941
1,2-Dichlorobenzene	2.00	33846.0000	1.593	5.00	89765.0000	1.677	20.0	382664.000	1.773
1,2-Dichloroethane	2.00	16724.0000	0.3842	5.00	45705.0000	0.4127	20.0	189905.000	0.4245
1,3-Dichlorobenzene	2.00	38750.0000	1.823	5.00	101980.000	1.905	20.0	435927.000	2.019
1,4-Dichlorobenzene	2.00	38731.0000	1.822	5.00	103317.000	1.930	20.0	439485.000	2.036
2-Butanone	2.00	2197.00000	0.05050	5.00	5993.00000	0.05410	20.0	26402.0000	0.05900
2-Hexanone	NA	NA	NA	5.00	5660.00000	0.06370	20.0	26435.0000	0.07310
4-Methyl-2-Pentanone	2.00	1889.00000	0.04340	5.00	6427.00000	0.05800	20.0	28422.0000	0.06350
Acetone	NA	NA	NA	5.00	4459.00000	0.04030	20.0	17488.0000	0.03910
Benzene	2.00	50585.0000	1.162	5.00	136304.000	1.231	20.0	586883.000	1.312
Bromodichloromethane	2.00	16395.0000	0.3766	5.00	45644.0000	0.4122	20.0	199578.000	0.4462
Bromomethane	2.00	7581.00000	0.1741	5.00	20289.0000	0.1832	20.0	96406.0000	0.2155
Carbon Disulfide	2.00	30844.0000	0.7085	5.00	99658.0000	0.9000	20.0	441419.000	0.9868
Carbon Tetrachloride	2.00	16275.0000	0.3739	5.00	48436.0000	0.4374	20.0	229522.000	0.5131
Chloroethane	2.00	10605.0000	0.2436	5.00	28026.0000	0.2531	20.0	116855.000	0.2612
Cyclohexane	2.00	16502.0000	0.3791	5.00	57407.0000	0.5184	20.0	259648.000	0.5804
Dibromochloromethane	2.00	10868.0000	0.3132	5.00	30982.0000	0.3487	20.0	141070.000	0.3902
Dichlorodifluoromethane	2.00	20358.0000	0.4677	5.00	51535.0000	0.4654	20.0	209688.000	0.4688
Isopropylbenzene	2.00	59251.0000	1.708	5.00	174022.000	1.959	20.0	788865.000	2.182
Methyl Tert Butyl Ether	2.00	23440.0000	0.5385	5.00	62960.0000	0.5686	20.0	276900.000	0.6190
Methyl acetate	2.00	4168.00000	0.09570	5.00	11086.0000	0.1001	20.0	45379.0000	0.1014
Methylcyclohexane	NA	NA	NA	5.00	49897.0000	0.4506	20.0	226949.000	0.5073
Methylene Chloride	2.00	14289.0000	0.3282	5.00	36622.0000	0.3307	20.0	150038.000	0.3354
Styrene	2.00	41954.0000	1.209	5.00	119350.000	1.343	20.0	525866.000	1.455
Tetrachloroethene	2.00	11862.0000	0.3419	5.00	33896.0000	0.3815	20.0	152250.000	0.4211
Trichloroethene	2.00	15133.0000	0.3476	5.00	40095.0000	0.3621	20.0	173576.000	0.3880

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Login Number: L0706260 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-08			WG239619-09			WG239619-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	641086.000	0.5694	100	1247316.00	0.5360	200	2410121.00	0.5081
1,2-Dichloropropane	50.0	366528.000	0.3256	100	726523.000	0.3122	200	1407864.00	0.2968
Chloroform	50.0	686921.000	0.6101	100	1322264.00	0.5683	200	2548782.00	0.5373
Ethylbenzene	50.0	637118.000	0.6854	100	1177918.00	0.6065	200	1988820.00	0.4923
Toluene	50.0	1623866.00	1.747	100	3085531.00	1.589	200	5482025.00	1.357
Vinyl Chloride	50.0	204780.000	0.1819	100	340922.000	0.1465	NA	NA	NA
1,1,2,2-Tetrachloroethane	50.0	268741.000	0.4783	100	555209.000	0.4654	200	1087345.00	0.4575
1,1-Dichloroethane	50.0	690122.000	0.6130	100	1339603.00	0.5757	200	2678690.00	0.5647
Bromoform	50.0	220815.000	0.2376	100	460881.000	0.2373	200	912987.000	0.2260
Chlorobenzene	50.0	1131485.00	1.217	100	2116191.00	1.090	200	3615853.00	0.8950
Chloromethane	50.0	253744.000	0.2254	100	512948.000	0.2204	200	1168154.00	0.2463
1,1,1-Trichloroethane	50.0	653817.000	0.5807	100	1261984.00	0.5423	200	2361411.00	0.4978
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.0	351500.000	0.3122	100	683325.000	0.2937	200	1306610.00	0.2755
1,1,2-Trichloroethane	50.0	253474.000	0.2727	100	512215.000	0.2637	200	1019007.00	0.2522
1,2,4-Trichlorobenzene	50.0	677274.000	1.205	100	1317752.00	1.105	200	2419971.00	1.018
1,2-Dibromo-3-Chloropropane	50.0	51440.0000	0.09150	100	105298.000	0.08830	200	214956.000	0.09040
1,2-Dibromoethane	50.0	269919.000	0.2904	100	551989.000	0.2842	200	1104260.00	0.2733
1,2-Dichlorobenzene	50.0	965245.000	1.718	100	1866053.00	1.564	200	3373856.00	1.420
1,2-Dichloroethane	50.0	458997.000	0.4077	100	891127.000	0.3830	200	1698502.00	0.3581
1,3-Dichlorobenzene	50.0	1095594.00	1.950	100	2104383.00	1.764	200	3734958.00	1.571
1,4-Dichlorobenzene	50.0	1098526.00	1.955	100	2093796.00	1.755	200	3702766.00	1.558
2-Butanone	50.0	64199.0000	0.05700	100	131637.000	0.05660	200	285074.000	0.06010
2-Hexanone	50.0	69140.0000	0.07440	100	142865.000	0.07360	200	295778.000	0.07320
4-Methyl-2-Pentanone	50.0	72737.0000	0.06460	100	152141.000	0.06540	200	314086.000	0.06620
Acetone	50.0	43401.0000	0.03860	100	87042.0000	0.03740	200	182089.000	0.03840
Benzene	50.0	1429791.00	1.270	100	2757109.00	1.185	200	5036242.00	1.062
Bromodichloromethane	50.0	500406.000	0.4445	100	994360.000	0.4273	200	1946676.00	0.4104
Bromomethane	50.0	257915.000	0.2291	100	539480.000	0.2318	200	1090367.00	0.2299
Carbon Disulfide	50.0	1103637.00	0.9803	100	2142475.00	0.9207	200	4110752.00	0.8666
Carbon Tetrachloride	50.0	571849.000	0.5079	100	1091607.00	0.4691	200	1995646.00	0.4207
Chloroethane	50.0	288352.000	0.2561	100	568537.000	0.2443	200	1113244.00	0.2347
Cyclohexane	50.0	637796.000	0.5665	100	1217203.00	0.5231	200	2245465.00	0.4734
Dibromochloromethane	50.0	361973.000	0.3894	100	737771.000	0.3799	200	1459763.00	0.3613
Dichlorodifluoromethane	50.0	509659.000	0.4527	100	969445.000	0.4166	200	1860016.00	0.3921
Isopropylbenzene	50.0	1958692.00	2.107	100	3684010.00	1.897	200	6261993.00	1.550
Methyl Tert Butyl Ether	50.0	682964.000	0.6066	100	1362415.00	0.5855	200	2749666.00	0.5797
Methyl acetate	50.0	114935.000	0.1021	100	237221.000	0.1019	200	485483.000	0.1023
Methylcyclohexane	50.0	569393.000	0.5058	100	1106978.00	0.4757	200	2104433.00	0.4436
Methylene Chloride	50.0	372333.000	0.3307	100	741120.000	0.3185	200	1463026.00	0.3084
Styrene	50.0	1304479.00	1.403	100	2483833.00	1.279	200	4330342.00	1.072
Tetrachloroethene	50.0	379977.000	0.4088	100	738039.000	0.3800	200	1365123.00	0.3379
Trichloroethene	50.0	433911.000	0.3854	100	845797.000	0.3635	200	1596023.00	0.3365

Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS8
Initial Calibration Date: 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-11		
	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA
Chloroform	NA	NA	NA
Ethylbenzene	NA	NA	NA
Toluene	NA	NA	NA
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA
Bromoform	NA	NA	NA
Chlorobenzene	NA	NA	NA
Chloromethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA
1,2-Dibromo-3-Chloropropane	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA
2-Butanone	300	405985.000	0.05580
2-Hexanone	300	447699.000	0.07540
4-Methyl-2-Pentanone	300	461105.000	0.06340
Acetone	300	255037.000	0.03510
Benzene	NA	NA	NA
Bromodichloromethane	NA	NA	NA
Bromomethane	NA	NA	NA
Carbon Disulfide	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA
Chloroethane	NA	NA	NA
Cyclohexane	NA	NA	NA
Dibromochloromethane	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA
Isopropylbenzene	NA	NA	NA
Methyl Tert Butyl Ether	NA	NA	NA
Methyl acetate	NA	NA	NA
Methylcyclohexane	NA	NA	NA
Methylene Chloride	NA	NA	NA
Styrene	NA	NA	NA
Tetrachloroethene	NA	NA	NA
Trichloroethene	NA	NA	NA

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Column ID: F

Analyte	WG239619-02			WG239619-03			WG239619-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA	0.400	4033.00000	0.4457	1.00	13664.0000	0.6067
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2811.00000	0.3106	1.00	7785.00000	0.3456
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3612.00000	0.3992	1.00	9664.00000	0.4291
m-,p-Xylene	NA	NA	NA	0.800	11803.0000	0.8077	2.00	31252.0000	0.8826
o-Xylene	NA	NA	NA	0.400	5482.00000	0.7503	1.00	14269.0000	0.8060
trans-1,2-Dichloroethene	NA	NA	NA	0.400	4042.00000	0.4467	1.00	11700.0000	0.5195
trans-1,3-Dichloropropene	NA	NA	NA	0.400	3137.00000	0.4293	1.00	8451.00000	0.4774

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Analyte	WG239619-05			WG239619-06			WG239619-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	2.00	26625.0000	0.6116	5.00	71393.0000	0.6447	20.0	288917.000	0.6459
cis-1,2-Dichloroethene	2.00	13959.0000	0.3207	5.00	38082.0000	0.3439	20.0	168608.000	0.3769
cis-1,3-Dichloropropene	2.00	18531.0000	0.4257	5.00	50321.0000	0.4544	20.0	224362.000	0.5016
m-,p-Xylene	4.00	53572.0000	0.7720	10.0	149621.000	0.8420	40.0	643325.000	0.8898
o-Xylene	2.00	26476.0000	0.7631	5.00	71282.0000	0.8023	20.0	316839.000	0.8764
trans-1,2-Dichloroethene	2.00	19624.0000	0.4508	5.00	54285.0000	0.4902	20.0	239484.000	0.5354
trans-1,3-Dichloropropene	2.00	15014.0000	0.4327	5.00	43069.0000	0.4848	20.0	194724.000	0.5386

Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS8
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Column ID: F

Analyte	WG239619-08			WG239619-09			WG239619-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	50.0	722512.000	0.6418	100	1399693.00	0.6015	200	2796074.00	0.5895
cis-1,2-Dichloroethene	50.0	411935.000	0.3659	100	804879.000	0.3459	200	1595731.00	0.3364
cis-1,3-Dichloropropene	50.0	562863.000	0.5000	100	1119587.00	0.4812	200	2168863.00	0.4572
m-,p-Xylene	100	1556043.00	0.8370	200	2820979.00	0.7262	400	4564562.00	0.5649
o-Xylene	50.0	793349.000	0.8535	100	1517464.00	0.7813	200	2688417.00	0.6654
trans-1,2-Dichloroethene	50.0	584974.000	0.5196	100	1118273.00	0.4806	200	2124504.00	0.4479
trans-1,3-Dichloropropene	50.0	486653.000	0.5235	100	978723.000	0.5039	200	1898598.00	0.4699

Login Number: L0706260
Analytical Method: 8260B
Instrument ID: HPMS8
Initial Calibration Date: 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-11		
	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA
m-,p-Xylene	NA	NA	NA
o-Xylene	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA

Login Number: L0706260 Run Date: 05/17/2007 Sample ID: WG240519-12
Instrument ID: HPMS10 Run Time: 16:59 Method: 8260B
File ID: 10M55409 Analyst: MES
ICal Workgroup: WG240519 Cal ID: HPMS10 - 17-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	20.0	22.0	ug/L	0.304	10.0	30	
1,2-Dichloropropane	CCC	20.0	22.3	ug/L	0.293	11.7	30	
Chloroform	CCC	20.0	20.9	ug/L	0.583	4.60	30	
Ethylbenzene	CCC	20.0	22.7	ug/L	0.585	13.7	30	
Toluene	CCC	20.0	21.7	ug/L	1.51	8.70	30	
Vinyl Chloride	CCC	20.0	20.2	ug/L	0.208	0.800	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	22.3	ug/L	0.463	11.4	30	
1,1-Dichloroethane	SPCC	20.0	21.4	ug/L	0.571	7.00	30	
Bromoform	SPCC	20.0	18.0	ug/L	0.188	10.1	30	
Chlorobenzene	SPCC	20.0	21.4	ug/L	1.06	6.90	30	
Chloromethane	SPCC	20.0	24.0	ug/L	0.296	19.8	30	
1,1,1-Trichloroethane		20.0	22.1	ug/L	0.559	10.4	30	
1,1,2-Trichloro-1,2,2-Trifluoroethane		20.0	22.2	ug/L	0.334	10.9	30	
1,1,2-Trichloroethane		20.0	22.8	ug/L	0.249	14.1	30	
1,2,4-Trichlorobenzene		20.0	22.1	ug/L	1.06	10.4	30	
1,2-Dibromo-3-Chloropropane		20.0	20.6	ug/L	0.0927	3.20	30	
1,2-Dibromoethane		20.0	22.0	ug/L	0.267	10.1	30	
1,2-Dichlorobenzene		20.0	21.5	ug/L	1.47	7.40	30	
1,2-Dichloroethane		20.0	20.9	ug/L	0.395	4.40	30	
cis-1,2-Dichloroethene		20.0	22.7	ug/L	0.353	13.4	30	
trans-1,2-Dichloroethene		20.0	22.3	ug/L	0.330	11.5	30	
1,3-Dichlorobenzene		20.0	21.3	ug/L	1.65	6.50	30	
1,4-Dichlorobenzene		20.0	20.6	ug/L	1.65	3.20	30	
2-Butanone		20.0	24.4	ug/L	0.0739	21.8	30	
2-Hexanone		20.0	20.5	ug/L	0.105	2.50	30	
4-Methyl-2-Pentanone		20.0	21.2	ug/L	0.0566	5.90	30	
Acetone		20.0	22.7	ug/L	0.0487	13.7	30	
Benzene		20.0	21.8	ug/L	1.21	9.20	30	
Bromodichloromethane		20.0	22.5	ug/L	0.418	12.6	30	
Bromomethane		20.0	21.8	ug/L	0.225	8.90	30	
Carbon Disulfide		20.0	19.7	ug/L	0.850	1.30	30	
Carbon Tetrachloride		20.0	19.3	ug/L	0.511	3.40	30	
Chloroethane		20.0	22.3	ug/L	0.212	11.3	30	
cis-1,3-Dichloropropene		20.0	22.8	ug/L	0.464	14.2	30	
Cyclohexane		20.0	21.1	ug/L	0.512	5.40	30	
Dibromochloromethane		20.0	18.8	ug/L	0.346	6.20	30	
Dichlorodifluoromethane		20.0	23.3	ug/L	0.410	16.5	30	
Isopropylbenzene		20.0	20.6	ug/L	1.53	2.90	30	
Methyl acetate		20.0	20.2	ug/L	0.120	1.20	30	
Methyl Tert Butyl Ether		20.0	22.2	ug/L	0.658	10.8	30	
Methylcyclohexane		20.0	21.3	ug/L	0.489	6.40	30	
Methylene Chloride		20.0	20.1	ug/L	0.299	0.500	30	

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Login Number: L0706260 Run Date: 05/17/2007 Sample ID: WG240519-12
Instrument ID: HPMS10 Run Time: 16:59 Method: 8260B
File ID: 10M55409 Analyst: MES
ICal Workgroup: WG240519 Cal ID: HPMS10 - 17-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Styrene		20.0	20.1	ug/L	1.10	0.400	30	
Tetrachloroethene		20.0	21.8	ug/L	0.360	9.00	30	
trans-1,3-Dichloropropene		20.0	20.8	ug/L	0.443	4.00	30	
Trichloroethene		20.0	22.5	ug/L	0.385	12.4	30	
Trichlorofluoromethane		20.0	19.6	ug/L	0.604	1.90	30	
Xylenes		60.0	67.2	ug/L	0.684	11.9	30	
m-,p-Xylene		40.0	44.8	ug/L	0.698	12.1	30	
1,2-Dichloroethene		40.0	45.0	ug/L	0.342	12.4	30	
o-Xylene		20.0	22.3	ug/L	0.670	11.6	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 795145
Report generated 06/21/2007 14:22

Login Number: L0706260 Run Date: 05/08/2007 Sample ID: WG239757-12
Instrument ID: HPMS6 Run Time: 17:21 Method: 8260B
File ID: 6M65882 Analyst: CMS
ICal Workgroup: WG239757 Cal ID: HPMS6 - 08-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	20.0	19.0	ug/L	0.459	5.20	30	
1,2-Dichloropropane	CCC	20.0	20.1	ug/L	0.259	0.400	30	
Chloroform	CCC	20.0	19.5	ug/L	0.471	2.60	30	
Ethylbenzene	CCC	20.0	20.7	ug/L	0.537	3.30	30	
Toluene	CCC	20.0	20.7	ug/L	1.36	3.40	30	
Vinyl Chloride	CCC	20.0	18.0	ug/L	0.194	10.0	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	20.7	ug/L	0.375	3.50	30	
1,1-Dichloroethane	SPCC	20.0	20.1	ug/L	0.526	0.600	30	
Bromoform	SPCC	20.0	16.8	ug/L	0.130	16.2	30	
Chlorobenzene	SPCC	20.0	19.9	ug/L	0.932	0.400	30	
Chloromethane	SPCC	20.0	19.5	ug/L	0.325	2.50	30	
1,1,1-Trichloroethane		20.0	19.9	ug/L	0.412	0.700	30	
1,1,2-Trichloro-1,2,2-Trifluoroethane		20.0	20.9	ug/L	0.257	4.60	30	
1,1,2-Trichloroethane		20.0	20.1	ug/L	0.198	0.300	30	
1,2,4-Trichlorobenzene		20.0	19.5	ug/L	0.809	2.70	30	
1,2-Dibromo-3-Chloropropane		20.0	18.8	ug/L	0.0703	5.90	30	
1,2-Dibromoethane		20.0	19.4	ug/L	0.206	3.00	30	
1,2-Dichlorobenzene		20.0	19.9	ug/L	1.23	0.500	30	
1,2-Dichloroethane		20.0	19.5	ug/L	0.345	2.50	30	
cis-1,2-Dichloroethene		20.0	20.0	ug/L	0.265	0.100	30	
trans-1,2-Dichloroethene		20.0	19.2	ug/L	0.243	3.90	30	
1,3-Dichlorobenzene		20.0	19.9	ug/L	1.37	0.600	30	
1,4-Dichlorobenzene		20.0	19.2	ug/L	1.40	3.90	30	
2-Butanone		20.0	20.7	ug/L	0.0739	3.60	30	
2-Hexanone		20.0	17.5	ug/L	0.120	12.3	30	
4-Methyl-2-Pentanone		20.0	17.6	ug/L	0.0483	11.8	30	
Acetone		20.0	21.0	ug/L	0.0513	4.90	30	
Benzene		20.0	20.2	ug/L	0.992	0.900	30	
Bromodichloromethane		20.0	20.2	ug/L	0.327	0.900	30	
Bromomethane		20.0	18.9	ug/L	0.179	5.50	30	
Carbon Disulfide		20.0	21.7	ug/L	0.823	8.40	30	
Carbon Tetrachloride		20.0	20.4	ug/L	0.355	2.00	30	
Chloroethane		20.0	20.4	ug/L	0.225	1.80	30	
cis-1,3-Dichloropropene		20.0	19.9	ug/L	0.367	0.300	30	
Cyclohexane		20.0	21.1	ug/L	0.495	5.50	30	
Dibromochloromethane		20.0	17.9	ug/L	0.251	10.5	30	
Dichlorodifluoromethane		20.0	18.2	ug/L	0.324	9.10	30	
Isopropylbenzene		20.0	18.8	ug/L	1.46	5.80	30	
Methyl acetate		20.0	19.6	ug/L	0.142	1.90	30	
Methyl Tert Butyl Ether		20.0	20.0	ug/L	0.493	0.200	30	
Methylcyclohexane		20.0	22.1	ug/L	0.369	10.3	30	
Methylene Chloride		20.0	18.5	ug/L	0.261	7.70	30	

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 795145
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Login Number: L0706260 Run Date: 05/08/2007 Sample ID: WG239757-12
Instrument ID: HPMS6 Run Time: 17:21 Method: 8260B
File ID: 6M65882 Analyst: CMS
ICal Workgroup: WG239757 Cal ID: HPMS6 - 08-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Styrene		20.0	21.0	ug/L	1.11	4.80	30	
Tetrachloroethene		20.0	19.7	ug/L	0.328	1.30	30	
trans-1,3-Dichloropropene		20.0	18.8	ug/L	0.400	5.80	30	
Trichloroethene		20.0	19.6	ug/L	0.254	1.80	30	
Trichlorofluoromethane		20.0	17.8	ug/L	0.455	10.9	30	
Xylenes		60.0	60.6	ug/L	0.659	1.10	30	
m-,p-Xylene		40.0	40.5	ug/L	0.673	1.20	30	
1,2-Dichloroethene		40.0	39.2	ug/L	0.254	2.00	30	
o-Xylene		20.0	20.2	ug/L	0.644	0.800	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 795145
Report generated 06/21/2007 14:22

Login Number: L0706260 Run Date: 05/06/2007 Sample ID: WG239619-12
Instrument ID: HPMS8 Run Time: 20:28 Method: 8260B
File ID: 8M336173 Analyst: CMS
ICal Workgroup: WG239619 Cal ID: HPMS8 - 06-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	20.0	19.8	ug/L	0.504	1.00	30	
1,2-Dichloropropane	CCC	20.0	20.6	ug/L	0.316	3.00	30	
Chloroform	CCC	20.0	20.1	ug/L	0.582	0.300	30	
Ethylbenzene	CCC	20.0	21.9	ug/L	0.689	9.30	30	
Toluene	CCC	20.0	20.0	ug/L	1.76	0.100	30	
Vinyl Chloride	CCC	20.0	15.8	ug/L	0.162	21.0	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	21.3	ug/L	0.476	6.50	30	
1,1-Dichloroethane	SPCC	20.0	19.5	ug/L	0.578	2.40	30	
Bromoform	SPCC	20.0	17.7	ug/L	0.207	11.7	30	
Chlorobenzene	SPCC	20.0	20.5	ug/L	1.21	2.60	30	
Chloromethane	SPCC	20.0	18.3	ug/L	0.225	8.50	30	
1,1,1-Trichloroethane		20.0	20.6	ug/L	0.542	3.20	30	
1,1,2-Trichloro-1,2,2-Trifluoroethane		20.0	20.7	ug/L	0.316	3.50	30	
1,1,2-Trichloroethane		20.0	21.8	ug/L	0.280	8.80	30	
1,2,4-Trichlorobenzene		20.0	20.9	ug/L	1.17	4.40	30	
1,2-Dibromo-3-Chloropropane		20.0	18.6	ug/L	0.0817	7.00	30	
1,2-Dibromoethane		20.0	21.2	ug/L	0.286	6.00	30	
1,2-Dichlorobenzene		20.0	20.5	ug/L	1.69	2.70	30	
1,2-Dichloroethane		20.0	19.6	ug/L	0.389	2.20	30	
cis-1,2-Dichloroethene		20.0	20.9	ug/L	0.359	4.70	30	
trans-1,2-Dichloroethene		20.0	19.6	ug/L	0.476	2.10	30	
1,3-Dichlorobenzene		20.0	20.2	ug/L	1.87	1.00	30	
1,4-Dichlorobenzene		20.0	19.8	ug/L	1.88	0.800	30	
2-Butanone		20.0	20.3	ug/L	0.0570	1.50	30	
2-Hexanone		20.0	19.7	ug/L	0.0711	1.60	30	
4-Methyl-2-Pentanone		20.0	20.8	ug/L	0.0632	4.10	30	
Acetone		20.0	21.8	ug/L	0.0415	8.80	30	
Benzene		20.0	20.7	ug/L	1.27	3.30	30	
Bromodichloromethane		20.0	20.7	ug/L	0.427	3.60	30	
Bromomethane		20.0	18.8	ug/L	0.192	5.80	30	
Carbon Disulfide		20.0	22.3	ug/L	0.991	11.4	30	
Carbon Tetrachloride		20.0	20.8	ug/L	0.458	3.80	30	
Chloroethane		20.0	18.9	ug/L	0.235	5.30	30	
cis-1,3-Dichloropropene		20.0	20.6	ug/L	0.469	2.90	30	
Cyclohexane		20.0	22.3	ug/L	0.559	11.5	30	
Dibromochloromethane		20.0	20.4	ug/L	0.356	2.00	30	
Dichlorodifluoromethane		20.0	15.6	ug/L	0.348	21.8	30	
Isopropylbenzene		20.0	20.1	ug/L	1.89	0.400	30	
Methyl acetate		20.0	20.9	ug/L	0.105	4.50	30	
Methyl Tert Butyl Ether		20.0	22.0	ug/L	0.636	10.1	30	
Methylcyclohexane		20.0	20.7	ug/L	0.494	3.60	30	
Methylene Chloride		20.0	19.2	ug/L	0.325	4.10	30	

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 795145
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Login Number: L0706260 Run Date: 05/06/2007 Sample ID: WG239619-12
Instrument ID: HPMS8 Run Time: 20:28 Method: 8260B
File ID: 8M336173 Analyst: CMS
ICal Workgroup: WG239619 Cal ID: HPMS8 - 06-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Styrene		20.0	22.0	ug/L	1.38	9.90	30	
Tetrachloroethene		20.0	20.7	ug/L	0.388	3.40	30	
trans-1,3-Dichloropropene		20.0	19.3	ug/L	0.466	3.40	30	
Trichloroethene		20.0	19.8	ug/L	0.367	1.20	30	
Trichlorofluoromethane		20.0	18.0	ug/L	0.539	10.0	30	
Xylenes		60.0	63.8	ug/L	0.837	6.30	30	
m-,p-Xylene		40.0	42.6	ug/L	0.841	6.50	30	
1,2-Dichloroethene		40.0	40.5	ug/L	0.418	1.30	30	
o-Xylene		20.0	21.2	ug/L	0.834	5.90	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 795145
Report generated 06/21/2007 14:22

CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number: L0706260 Run Date: 06/19/2007 Sample ID: WG242928-02
Instrument ID: HPMS10 Run Time: 09:46 Method: 8260B
File ID: 10M56243 Analyst: MES
Workgroup (AAB#): WG242929 Cal ID: HPMS10 - 17-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	50.0	46.9	ug/L	0.259	6.17	20	
1,2-Dichloropropane	CCC	50.0	49.8	ug/L	0.261	0.446	20	
Chloroform	CCC	50.0	49.5	ug/L	0.552	0.992	20	
Ethylbenzene	CCC	50.0	49.8	ug/L	0.512	0.462	20	
Toluene	CCC	50.0	48.6	ug/L	1.35	2.73	20	
Vinyl Chloride	CCC	50.0	54.2	ug/L	0.206	8.32	20	
1,1,2,2-Tetrachloroethane	SPCC	50.0	48.3	ug/L	0.401	3.46	40	
1,1-Dichloroethane	SPCC	50.0	49.6	ug/L	0.529	0.891	40	
Bromoform	SPCC	50.0	45.7	ug/L	0.196	8.53	40	
Chlorobenzene	SPCC	50.0	48.7	ug/L	0.964	2.61	40	
Chloromethane	SPCC	50.0	48.1	ug/L	0.238	3.81	40	
1,1,1-Trichloroethane		50.0	51.7	ug/L	0.524	3.50	40	
1,1,2-Trichloro-1,2,2-Trifluoroethane		50.0	48.0	ug/L	0.289	3.96	40	
1,1,2-Trichloroethane		50.0	50.4	ug/L	0.220	0.750	40	
1,2,4-Trichlorobenzene		50.0	43.1	ug/L	0.830	13.7	40	
1,2-Dibromo-3-Chloropropane		50.0	38.7	ug/L	0.0716	22.7	40	
1,2-Dibromoethane		50.0	50.7	ug/L	0.246	1.35	40	
1,2-Dichlorobenzene		50.0	47.1	ug/L	1.29	5.88	40	
1,2-Dichloroethane		50.0	51.1	ug/L	0.387	2.22	40	
cis-1,2-Dichloroethene		50.0	49.0	ug/L	0.306	1.91	40	
trans-1,2-Dichloroethene		50.0	49.1	ug/L	0.291	1.75	40	
1,3-Dichlorobenzene		50.0	48.0	ug/L	1.48	4.06	40	
1,4-Dichlorobenzene		50.0	46.5	ug/L	1.48	6.96	40	
2-Butanone		50.0	42.7	ug/L	0.0517	14.7	40	
2-Hexanone		50.0	48.1	ug/L	0.0981	3.76	40	
4-Methyl-2-Pentanone		50.0	45.8	ug/L	0.0490	8.38	40	
Acetone		50.0	42.3	ug/L	0.0362	15.4	40	
Benzene		50.0	47.1	ug/L	1.04	5.89	40	
Bromodichloromethane		50.0	52.6	ug/L	0.391	5.24	40	
Bromomethane		50.0	48.5	ug/L	0.201	3.06	40	
Carbon Disulfide		50.0	43.9	ug/L	0.756	12.3	40	
Carbon Tetrachloride		50.0	47.2	ug/L	0.497	5.69	40	
Chloroethane		50.0	48.4	ug/L	0.184	3.25	40	
cis-1,3-Dichloropropene		50.0	52.1	ug/L	0.424	4.19	40	
Cyclohexane		50.0	47.5	ug/L	0.461	5.03	40	
Dibromochloromethane		50.0	46.3	ug/L	0.345	7.32	40	
Dichlorodifluoromethane		50.0	49.0	ug/L	0.345	1.94	40	
Isopropylbenzene		50.0	51.7	ug/L	1.54	3.33	40	
Methyl acetate		50.0	51.0	ug/L	0.120	1.99	40	
Methyl Tert Butyl Ether		50.0	46.9	ug/L	0.558	6.13	40	
Methylcyclohexane		50.0	46.1	ug/L	0.424	7.86	40	
Methylene Chloride		50.0	44.1	ug/L	0.262	11.9	40	

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CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number: L0706260 Run Date: 06/19/2007 Sample ID: WG242928-02
Instrument ID: HPMS10 Run Time: 09:46 Method: 8260B
File ID: 10M56243 Analyst: MES
Workgroup (AAB#): WG242929 Cal ID: HPMS10 - 17-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Styrene		50.0	45.2	ug/L	0.994	9.64	40	
Tetrachloroethene		50.0	49.3	ug/L	0.325	1.39	40	
trans-1,3-Dichloropropene		50.0	53.9	ug/L	0.459	7.79	40	
Trichloroethene		50.0	49.0	ug/L	0.336	2.06	40	
Trichlorofluoromethane		50.0	47.3	ug/L	0.572	5.45	40	
Xylenes		150	150	ug/L	0.612	0.0169	40	
m-,p-Xylene		100	99.7	ug/L	0.621	0.282	40	
1,2-Dichloroethene		100	98.2	ug/L	0.298	1.83	40	
o-Xylene		50.0	50.3	ug/L	0.604	0.513	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 795147
Report generated 06/21/2007 14:22

CONTINUING CALIBRATION VERIFICATION (CCV)

00085481

Login Number: L0706260 Run Date: 06/19/2007 Sample ID: WG242965-02
Instrument ID: HPMS6 Run Time: 12:02 Method: 8260B
File ID: 6M66835 Analyst: CMS
Workgroup (AAB#): WG242966 Cal ID: HPMS6 - 08-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	50.0	51.7	ug/L	0.500	3.31	20	
1,2-Dichloropropane	CCC	50.0	47.1	ug/L	0.243	5.84	20	
Chloroform	CCC	50.0	52.5	ug/L	0.508	4.99	20	
Ethylbenzene	CCC	50.0	46.2	ug/L	0.480	7.62	20	
Toluene	CCC	50.0	45.7	ug/L	1.20	8.53	20	
Vinyl Chloride	CCC	50.0	59.9	ug/L	0.242	19.9	20	
1,1,2,2-Tetrachloroethane	SPCC	50.0	45.4	ug/L	0.328	9.25	40	
1,1-Dichloroethane	SPCC	50.0	49.8	ug/L	0.521	0.379	40	
Bromoform	SPCC	50.0	48.4	ug/L	0.161	3.17	40	
Chlorobenzene	SPCC	50.0	45.2	ug/L	0.846	9.57	40	
Chloromethane	SPCC	50.0	53.1	ug/L	0.354	6.15	40	
1,1,1-Trichloroethane		50.0	58.5	ug/L	0.485	17.0	40	
1,1,2-Trichloro-1,2,2-Trifluoroethane		50.0	51.4	ug/L	0.252	2.71	40	
1,1,2-Trichloroethane		50.0	44.6	ug/L	0.176	10.8	40	
1,2,4-Trichlorobenzene		50.0	45.3	ug/L	0.754	9.41	40	
1,2-Dibromo-3-Chloropropane		50.0	49.9	ug/L	0.0745	0.225	40	
1,2-Dibromoethane		50.0	47.5	ug/L	0.202	5.07	40	
1,2-Dichlorobenzene		50.0	45.9	ug/L	1.14	8.14	40	
1,2-Dichloroethane		50.0	53.1	ug/L	0.376	6.22	40	
cis-1,2-Dichloroethene		50.0	48.2	ug/L	0.256	3.70	40	
trans-1,2-Dichloroethene		50.0	48.5	ug/L	0.245	2.92	40	
1,3-Dichlorobenzene		50.0	46.9	ug/L	1.29	6.30	40	
1,4-Dichlorobenzene		50.0	45.0	ug/L	1.31	10.0	40	
2-Butanone		50.0	51.7	ug/L	0.0737	3.32	40	
2-Hexanone		50.0	48.1	ug/L	0.132	3.77	40	
4-Methyl-2-Pentanone		50.0	49.4	ug/L	0.0541	1.26	40	
Acetone		50.0	57.8	ug/L	0.0565	15.6	40	
Benzene		50.0	47.0	ug/L	0.923	6.09	40	
Bromodichloromethane		50.0	55.8	ug/L	0.362	11.6	40	
Bromomethane		50.0	47.0	ug/L	0.178	5.95	40	
Carbon Disulfide		50.0	51.5	ug/L	0.782	2.97	40	
Carbon Tetrachloride		50.0	63.3	ug/L	0.440	26.6	40	
Chloroethane		50.0	43.1	ug/L	0.191	13.9	40	
cis-1,3-Dichloropropene		50.0	51.6	ug/L	0.380	3.22	40	
Cyclohexane		50.0	54.5	ug/L	0.511	9.09	40	
Dibromochloromethane		50.0	48.2	ug/L	0.278	3.66	40	
Dichlorodifluoromethane		50.0	45.1	ug/L	0.321	9.75	40	
Isopropylbenzene		50.0	48.9	ug/L	1.52	2.10	40	
Methyl acetate		50.0	53.8	ug/L	0.156	7.52	40	
Methyl Tert Butyl Ether		50.0	53.2	ug/L	0.526	6.40	40	
Methylcyclohexane		50.0	53.6	ug/L	0.359	7.25	40	
Methylene Chloride		50.0	42.4	ug/L	0.240	15.2	40	

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085482

Login Number: L0706260 Run Date: 06/19/2007 Sample ID: WG242965-02
Instrument ID: HPMS6 Run Time: 12:02 Method: 8260B
File ID: 6M66835 Analyst: CMS
Workgroup (AAB#): WG242966 Cal ID: HPMS6 - 08-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Styrene		50.0	47.3	ug/L	0.999	5.37	40	
Tetrachloroethene		50.0	48.1	ug/L	0.319	3.88	40	
trans-1,3-Dichloropropene		50.0	48.6	ug/L	0.412	2.85	40	
Trichloroethene		50.0	50.6	ug/L	0.262	1.28	40	
Trichlorofluoromethane		50.0	55.9	ug/L	0.571	11.8	40	
Xylenes		150	138	ug/L	0.600	7.97	40	
m-,p-Xylene		100	92.1	ug/L	0.612	7.92	40	
1,2-Dichloroethene		100	96.7	ug/L	0.250	3.31	40	
o-Xylene		50.0	46.0	ug/L	0.588	8.06	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 795147
Report generated 06/21/2007 14:22

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085483

Login Number: L0706260 Run Date: 06/18/2007 Sample ID: WG242807-02
Instrument ID: HPMS8 Run Time: 08:17 Method: 8260B
File ID: 8M337305 Analyst: CMS
Workgroup (AAB#): WG242808 Cal ID: HPMS8 - 06-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	50.0	52.9	ug/L	0.539	5.80	20	
1,2-Dichloropropane	CCC	50.0	55.6	ug/L	0.341	11.1	20	
Chloroform	CCC	50.0	52.2	ug/L	0.606	4.39	20	
Ethylbenzene	CCC	50.0	53.9	ug/L	0.680	7.86	20	
Toluene	CCC	50.0	49.6	ug/L	1.75	0.784	20	
Vinyl Chloride	CCC	50.0	49.1	ug/L	0.178	1.89	20	
1,1,2,2-Tetrachloroethane	SPCC	50.0	50.1	ug/L	0.448	0.214	40	
1,1-Dichloroethane	SPCC	50.0	53.0	ug/L	0.629	6.06	40	
Bromoform	SPCC	50.0	47.3	ug/L	0.227	5.33	40	
Chlorobenzene	SPCC	50.0	51.9	ug/L	1.22	3.77	40	
Chloromethane	SPCC	50.0	44.5	ug/L	0.219	11.0	40	
1,1,1-Trichloroethane		50.0	54.8	ug/L	0.576	9.62	40	
1,1,2-Trichloro-1,2,2-Trifluoroethane		50.0	54.9	ug/L	0.336	9.76	40	
1,1,2-Trichloroethane		50.0	51.7	ug/L	0.266	3.46	40	
1,2,4-Trichlorobenzene		50.0	44.1	ug/L	0.989	11.7	40	
1,2-Dibromo-3-Chloropropane		50.0	41.0	ug/L	0.0732	18.0	40	
1,2-Dibromoethane		50.0	50.5	ug/L	0.272	0.957	40	
1,2-Dichlorobenzene		50.0	48.4	ug/L	1.59	3.12	40	
1,2-Dichloroethane		50.0	48.8	ug/L	0.388	2.41	40	
cis-1,2-Dichloroethene		50.0	54.3	ug/L	0.373	8.57	40	
trans-1,2-Dichloroethene		50.0	53.0	ug/L	0.515	5.98	40	
1,3-Dichlorobenzene		50.0	49.8	ug/L	1.85	0.479	40	
1,4-Dichlorobenzene		50.0	48.7	ug/L	1.85	2.54	40	
2-Butanone		50.0	49.3	ug/L	0.0553	1.45	40	
2-Hexanone		50.0	48.8	ug/L	0.0704	2.49	40	
4-Methyl-2-Pentanone		50.0	52.1	ug/L	0.0631	4.11	40	
Acetone		50.0	57.7	ug/L	0.0440	15.4	40	
Benzene		50.0	53.0	ug/L	1.30	6.09	40	
Bromodichloromethane		50.0	53.3	ug/L	0.439	6.63	40	
Bromomethane		50.0	64.1	ug/L	0.262	28.2	40	
Carbon Disulfide		50.0	56.0	ug/L	0.996	12.0	40	
Carbon Tetrachloride		50.0	59.4	ug/L	0.523	18.7	40	
Chloroethane		50.0	54.9	ug/L	0.272	9.79	40	
cis-1,3-Dichloropropene		50.0	55.5	ug/L	0.506	11.0	40	
Cyclohexane		50.0	58.1	ug/L	0.583	16.2	40	
Dibromochloromethane		50.0	54.4	ug/L	0.379	8.78	40	
Dichlorodifluoromethane		50.0	45.9	ug/L	0.409	8.17	40	
Isopropylbenzene		50.0	53.5	ug/L	2.01	6.99	40	
Methyl acetate		50.0	59.3	ug/L	0.119	18.7	40	
Methyl Tert Butyl Ether		50.0	49.6	ug/L	0.573	0.787	40	
Methylcyclohexane		50.0	54.5	ug/L	0.519	8.93	40	
Methylene Chloride		50.0	47.9	ug/L	0.324	4.30	40	

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 795147
Report generated 06/21/2007 14:22

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085484

Login Number: L0706260 Run Date: 06/18/2007 Sample ID: WG242807-02
Instrument ID: HPMS8 Run Time: 08:17 Method: 8260B
File ID: 8M337305 Analyst: CMS
Workgroup (AAB#): WG242808 Cal ID: HPMS8 - 06-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Styrene		50.0	54.1	ug/L	1.36	8.25	40	
Tetrachloroethene		50.0	54.9	ug/L	0.412	9.72	40	
trans-1,3-Dichloropropene		50.0	52.8	ug/L	0.510	5.68	40	
Trichloroethene		50.0	53.4	ug/L	0.398	6.87	40	
Trichlorofluoromethane		50.0	53.0	ug/L	0.635	6.05	40	
Xylenes		150	159	ug/L	0.835	5.77	40	
1,2-Dichloroethene		100	107	ug/L	0.444	7.28	40	
o-Xylene		50.0	53.2	ug/L	0.837	6.32	40	
m-,p-Xylene		100	105	ug/L	0.834	5.49	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 795147
Report generated 06/21/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number: L0706260
Instrument ID: HPMS8
Workgroup (AAB#): WG242808

CCV Number: WG242807-02
CAL ID: HPMS8-06-MAY-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242807-02	NA	NA	350877	563910	674523
Upper Limit	NA	NA	701754	1127820	1349046
Lower Limit	NA	NA	175439	281955	337262
L0706260-02	1.00	01	194827	333687	413806
L0706260-03	1.00	01	193349	325529	399806
L0706260-04	1.00	01	200275	327929	426539
WG242808-01	1.00	01	316717	508161	609619
WG242808-02	1.00	01	322894	525929	622631
WG242808-03	1.00	01	320826	522239	620143

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795148
Report generated 06/21/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number: L0706260
Instrument ID: HPMS10
Workgroup (AAB#): WG242929

CCV Number: WG242928-02
CAL ID: HPMS10-17-MAY-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242928-02	NA	NA	270001	514896	628259
Upper Limit	NA	NA	540002	1029792	1256518
Lower Limit	NA	NA	135001	257448	314130
L0706260-01	1.00	01	224666	438397	532709
L0706260-02	50.0	DL01	238389	468342	569471
L0706260-03	50.0	DL01	227533	457386	561106
WG242929-01	1.00	01	238858	469427	578435
WG242929-02	1.00	01	242991	475011	577246
WG242929-03	1.00	01	247811	486759	585362
WG242929-04	1.00	01	178506	351254	428424

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795148
Report generated 06/21/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number: L0706260
Instrument ID: HPMS6
Workgroup (AAB#): WG242966

CCV Number: WG242965-02
CAL ID: HPMS6-08-MAY-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242965-02	NA	NA	378785	621143	745673
Upper Limit	NA	NA	757570	1242286	1491346
Lower Limit	NA	NA	189393	310572	372837
L0706260-04	100	DL01	322922	534416	665202
L0706260-04	500	DL02	291115	492361	613780
WG242966-01	1.00	01	329987	534582	661476
WG242966-02	1.00	01	348011	558499	670416
WG242966-03	1.00	01	344322	563366	680943
WG242966-04	1.00	01	233100	405001	488898

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795148
Report generated 06/21/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number: L0706260
Instrument ID: HPMS8
Workgroup (AAB#): WG242808

CCV Number: WG242807-02
CAL ID: HPMS8-06-MAY-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242807-02	NA	NA	17.8	14.78	10.91
Upper Limit	NA	NA	18.3	15.28	11.41
Lower Limit	NA	NA	17.3	14.28	10.41
L0706260-02	1.00	01	17.8	14.78	10.91
L0706260-03	1.00	01	17.8	14.78	10.91
L0706260-04	1.00	01	17.8	14.78	10.91
WG242808-01	1.00	01	17.8	14.78	10.91
WG242808-02	1.00	01	17.8	14.78	10.91
WG242808-03	1.00	01	17.8	14.78	10.91

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795150
Report generated 06/21/2007 14:23

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number: L0706260 **CCV Number:** WG242928-02
Instrument ID: HPMS10 **CAL ID:** HPMS10-17-MAY-07
Workgroup (AAB#): WG242929 **Matrix:** WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242928-02	NA	NA	17.75	14.73	10.86
Upper Limit	NA	NA	18.25	15.23	11.36
Lower Limit	NA	NA	17.25	14.23	10.36
L0706260-01	1.00	01	17.74	14.73	10.86
L0706260-02	50.0	DL01	17.75	14.73	10.86
L0706260-03	50.0	DL01	17.75	14.73	10.86
WG242929-01	1.00	01	17.75	14.74	10.86
WG242929-02	1.00	01	17.75	14.73	10.86
WG242929-03	1.00	01	17.75	14.73	10.86
WG242929-04	1.00	01	17.74	14.74	10.86

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795150
Report generated 06/21/2007 14:23

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number: L0706260
Instrument ID: HPMS6
Workgroup (AAB#): WG242966

CCV Number: WG242965-02
CAL ID: HPMS6-08-MAY-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242965-02	NA	NA	19.34	15.78	11.29
Upper Limit	NA	NA	19.84	16.28	11.79
Lower Limit	NA	NA	18.84	15.28	10.79
L0706260-04	100	DL01	19.34	15.78	11.29
L0706260-04	500	DL02	19.34	15.78	11.29
WG242966-01	1.00	01	19.34	15.78	11.29
WG242966-02	1.00	01	19.34	15.78	11.29
WG242966-03	1.00	01	19.34	15.78	11.29
WG242966-04	1.00	01	19.34	15.78	11.29

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795150
Report generated 06/21/2007 14:23

2.1.2 RSK 175

2.1.2.1 Summary Data

LABORATORY REPORT

00085493

L0706260

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW25	L0706260-01	RSK175	10	12-JUN-07
16WW25	L0706260-01	RSK175	100	12-JUN-07
16WW12	L0706260-02	RSK175	10	12-JUN-07
16WW12	L0706260-02	RSK175	100	12-JUN-07
16WW26	L0706260-03	RSK175	10	12-JUN-07
16WW26	L0706260-03	RSK175	100	12-JUN-07
16WW36	L0706260-04	RSK175	10	12-JUN-07
16WW36	L0706260-04	RSK175	100	12-JUN-07

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085494

Sample Number: **L0706260-01**
Client ID: **16WW25**
Matrix: **Water**
Workgroup Number: **WG242715**
Collect Date: **06/11/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **10**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/15/2007 18:02**
Cal Date: **01/08/2007 16:52**
Run Date: **06/15/2007 18:02**
File ID: **16G7622**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**61**		**5.0**	**2.5**
Ethene	**74-85-1**		**U**	**5.0**	**2.5**
Ethane	**74-84-0**		**U**	**5.0**	**2.5**
Carbon Dioxide		**210000**	**I**	**5000**	**2500**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085495

Sample Number: **L0706260-01**
Client ID: **16WW25**
Matrix: **Water**
Workgroup Number: **WG242838**
Collect Date: **06/11/2007 09:00**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **100**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/18/2007 13:10**
Cal Date: **01/08/2007 16:52**
Run Date: **06/18/2007 13:10**
File ID: **16G7642**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**78**		**50**	**25**
Ethene	**74-85-1**		**U**	**50**	**25**
Ethane	**74-84-0**		**U**	**50**	**25**
Carbon Dioxide		**310000**		**50000**	**25000**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085496

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242715**
Collect Date: **06/11/2007 12:25**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **10**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/15/2007 18:30**
Cal Date: **01/08/2007 16:52**
Run Date: **06/15/2007 18:30**
File ID: **16G7624**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**7.7**		**5.0**	**2.5**
Ethene	**74-85-1**		**U**	**5.0**	**2.5**
Ethane	**74-84-0**		**U**	**5.0**	**2.5**
Carbon Dioxide		**200000**	**Q**	**5000**	**2500**

Q One or more quality control criteria fail. See narrative.
U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085497

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242838**
Collect Date: **06/11/2007 12:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **100**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/18/2007 13:24**
Cal Date: **01/08/2007 16:52**
Run Date: **06/18/2007 13:24**
File ID: **16G7643**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**56**		**50**	**25**
Ethene	**74-85-1**		**U**	**50**	**25**
Ethane	**74-84-0**		**U**	**50**	**25**
Carbon Dioxide		**260000**		**50000**	**25000**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085498

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242715**
Collect Date: **06/11/2007 13:15**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **10**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/15/2007 18:44**
Cal Date: **01/08/2007 16:52**
Run Date: **06/15/2007 18:44**
File ID: **16G7625**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**22**		**5.0**	**2.5**
Ethene	**74-85-1**		**U**	**5.0**	**2.5**
Ethane	**74-84-0**		**U**	**5.0**	**2.5**
Carbon Dioxide		**200000**	**Q**	**5000**	**2500**

Q One or more quality control criteria fail. See narrative.
U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085499

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242838**
Collect Date: **06/11/2007 13:15**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **100**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/18/2007 13:38**
Cal Date: **01/08/2007 16:52**
Run Date: **06/18/2007 13:38**
File ID: **16G7644**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**66**		**50**	**25**
Ethene	**74-85-1**		**U**	**50**	**25**
Ethane	**74-84-0**		**U**	**50**	**25**
Carbon Dioxide		**210000**		**50000**	**25000**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085500

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242838**
Collect Date: **06/11/2007 13:45**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **10**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/18/2007 14:06**
Cal Date: **01/08/2007 16:52**
Run Date: **06/18/2007 14:06**
File ID: **16G7646**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**130**		**5.0**	**2.5**
Ethene	**74-85-1**	**11**		**5.0**	**2.5**
Ethane	**74-84-0**		**U**	**5.0**	**2.5**
Carbon Dioxide		**270000**	**I**	**5000**	**2500**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085501

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG243224**
Collect Date: **06/11/2007 13:45**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **100**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/22/2007 10:09**
Cal Date: **01/08/2007 16:52**
Run Date: **06/22/2007 10:09**
File ID: **16G7751**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**120**		**50**	**25**
Ethene	**74-85-1**		**U**	**50**	**25**
Ethane	**74-84-0**		**U**	**50**	**25**
Carbon Dioxide		**430000**		**50000**	**25000**

U Not detected at or above adjusted sample detection limit

2.1.2.2 QC Summary Data

KEMRON Environmental Services
Data Checklist

Date: 08-JAN-2007
Analyst: JLS
Analyst: NA
Method: RSK175
Instrument: HP16
Curve Workgroup: NA
Runlog ID: 14130
Analytical Workgroups: WG231016

System Performance Check	NA
BFB	NA
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	NA
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	NA
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Excel Spreadsheets	X
Case Narrative	X
Narrative Summary	NA
Results Reporting/Data Qualifiers	X
Client Data Package Assembly	X
Check for Completeness	X
Primary Reviewer	FJB
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:
11-JAN-2007

Secondary Reviewer:
12-JAN-2007

Generated: JAN-16-2007 10:45:32

KEMRON Environmental Services
Data Checklist

Date: 15-JUN-2007
Analyst: FJB
Analyst: NA
Method: RSK175
Instrument: HP16
Curve Workgroup: NA
Runlog ID: 16746
Analytical Workgroups: WG242715

System Performance Check	NA
BFB	NA
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	NA
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	NA
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Excel Spreadsheets	X
Case Narrative	X
Narrative Summary	NA
Results Reporting/Data Qualifiers	X
Client Data Package Assembly	X
Check for Completeness	X
Primary Reviewer	SMH
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:
20-JUN-2007

Secondary Reviewer:
21-JUN-2007

Generated: JUN-21-2007 09:27:49

KEMRON Environmental Services
Data Checklist

Date: 18-JUN-2007
Analyst: FJB
Analyst: NA
Method: RSK175
Instrument: HP16
Curve Workgroup: NA
Runlog ID: 16749
Analytical Workgroups: WG242838,WG242896

System Performance Check	NA
BFB	NA
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	NA
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	NA
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Excel Spreadsheets	X
Case Narrative	X
Narrative Summary	NA
Results Reporting/Data Qualifiers	X
Client Data Package Assembly	X
Check for Completeness	X
Primary Reviewer	JLS
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:
20-JUN-2007

Janice Schimmel

Secondary Reviewer:
21-JUN-2007

Generated: JUN-21-2007 10:27:17

KEMRON Environmental Services
Data Checklist

Date: 22-JUN-2007
Analyst: FJB
Analyst: NA
Method: RSK175
Instrument: HP16
Curve Workgroup: NA
Runlog ID: 16802
Analytical Workgroups: WG243224

System Performance Check	NA
BFB	NA
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	NA
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	NA
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Excel Spreadsheets	X
Case Narrative	X
Narrative Summary	NA
Results Reporting/Data Qualifiers	X
Client Data Package Assembly	X
Check for Completeness	X
Primary Reviewer	SMH
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:
22-JUN-2007

Secondary Reviewer:
25-JUN-2007

Generated: JUN-25-2007 09:41:25

RSK-175 - Example Calculation for Methane

ICAL Plot - Linear Regression (y = ax)

1.0 Calculate the Regression Constant (a)

Where:
ICAL_x = the ICAL concentration = x
ICAL_r = the ICAL response (area) = y

ICAL_x	ICAL_r	[ICAL_r}^2	[ICAL-x][ICAL-r]
0.1	21538	463885444	2153.8
1	77578	6018346084	77578
10	665937	4.43472E+11	6659370
20	1376031	1.89346E+12	27520620
50	3424931	1.17302E+13	171246550
100	6927945	4.79964E+13	692794500
200	14533928	2.11235E+14	2906785600
300	21776507	4.74216E+14	6532952100
		7.47521E+14	10338038472
		a:	**72307.84758**

2.0 Calculate the concentration in extract, x:

Where:
y = response of methane from quant report = **37493410**
x = y/a = 37493410/72307 = 518.52

3.0 Calculate the concentration in sample, Cs:

Cs = x (MW/Tf) (HS/S) (DF)

Where:

x = Concentration in extract	**518.5247695**	umol/mol
MW = molecular weight of analyte	**16.04**	ug/umol
TF = temperature factor = (22.45)(313/273)	**25.68**	L/mol
HS = headspace volume	**0.015**	L
S = sample volume remaining after headspace removal	**0.00547**	L
DF = dilution factor	**10**	
Cs = calculated sample concentration	**8881.427692**	ug/L

RSK-175 - Example Calculation for Carbon Dioxide

ICAL Plot - Quadratic Regression (y = Ax^2 + Bx +C)

Ax^2 + Bx + (C - y) = 0

Step 1 - Calculate the concentration in extract, x:

Data from quadratic regression plot:		
Value of A from plot:	**0.916**	
Value of B from plot:	**1540**	
Value of C from plot:	**0**	
Response for carbon dioxide from quantitation report (y):	**8763828**	
Value of C - y	**-8763828**	
Solving for x using the quadratic formula:		
Root 1 - Computed x1:	**2364.716284**	umol/mol
Root 2 - Computed x2:	**-4045.938991**	

Step 2 - Calculate the concentration in sample, Cs:

Cs = x (MW/Tf) (HS/S) (DF)

Where:

x = Concentration in extract :	**2364.716284**	umol/mol
MW = molecular weight of analyte:	**44**	ug/umol
TF = temperature factor = (22.45)(313/273):	**25.68**	L/mol
HS = initial headspace volume (extraction log):	**0.015**	L
S = final volume (extraction log):	**0.00547**	L
DF = dilution factor:	**1**	
Cs = calculated sample concentration:	**11110.6798**	ug/L

Note: Temperature = 40 C = 313 K

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 010807
Analyst1: JLS Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7
Method: 5021 SOP: RSK01 Rev: 7

Maintenance Log ID: 17380

Internal Standard: NA Surrogate Standard: NA
CCV: STD15381 LCS: STD15381 MS/MSD: STD15381

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG231016

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	16G5766	WG231016-01 50umol/mol STD	NA	1	1	STD15381	01/08/07 10:36
2	16G5767	WG231016-01 50umol/mol STD	NA	1	1	STD15381	01/08/07 11:00
3	16G5768	WG231016-01 50umol/mol STD	NA	1	1	STD15381	01/08/07 12:39
4	16G5769	WG231016-01 50umol/mol STD	NA	1	1	STD15381	01/08/07 14:19
5	16G5770	WG231016-01 .1umol/mol STD	NA	1	1	STD15381	01/08/07 15:14
6	16G5771	WG231016-02 1umol/mol STD	NA	1	1	STD15381	01/08/07 15:28
7	16G5772	WG231016-03 10umol/mol STD	NA	1	1	STD15381	01/08/07 15:42
8	16G5773	WG231016-04 20umol/mol STD	NA	1	1	STD15381	01/08/07 15:56
9	16G5774	WG231016-05 50umol/mol STD	NA	1	1	STD15381	01/08/07 16:10
10	16G5775	WG231016-06 100umol/mol STD	NA	1	1	STD15381	01/08/07 16:24
11	16G5776	WG231016-07 200umol/mol STD	NA	1	1	STD15381	01/08/07 16:38
12	16G5777	WG231016-08 300umol/mol STD	NA	1	1	STD15381	01/08/07 16:52
13	16G5778	WG231016-09 20umol/mol ALT SOURCE	NA	1	1	STD15381	01/08/07 17:06

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4				
File ID: 16G5769				
	RUN NEW CURVE			

Approved: January 12, 2007

Page: 1 of 1

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061507
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19644

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: STD18652

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242715

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	16G7598	WG242714-01 50umol/mol STD	NA	1	1	STD18652	06/15/07 10:02
2	16G7599	WG242715-01 BLANK	NA	1	1		06/15/07 10:27
3	16G7600	WG242715-02 20umol/mol LCS	NA	1	1	STD18652	06/15/07 10:41
4	16G7601	WG242715-03 20umol/mol LCS DUP	NA	1	1	STD18652	06/15/07 10:55
5	16G7602	WG242715-02 20umol/mol LCS	NA	1	1	STD18652	06/15/07 11:30
6	16G7603	L0706104-01 B 100X	7	1	100		06/15/07 11:49
7	16G7604	L0706073-11 B 50X	7	1	50		06/15/07 12:03
8	16G7605	L0706073-12 B 50X	7	1	50		06/15/07 12:17
9	16G7606	L0706073-13 B 50X	7	1	50		06/15/07 12:31
10	16G7607	L0706104-02 A 10X	7	1	10		06/15/07 12:45
11	16G7608	L0706104-03 A 10X	7	1	10		06/15/07 13:00
12	16G7609	WG242714-02 50umol/mol STD	NA	1	1	STD18652	06/15/07 13:14
13	16G7610	L0706104-04 A 10X	7	1	10		06/15/07 13:28
14	16G7611	L0706073-12 C 100X	7	1	100		06/15/07 14:33
15	16G7612	WG242714-03 50umol/mol STD	NA	1	1	STD18652	06/15/07 14:47
16	16G7613	L0706104-05 A 10X	7	1	10		06/15/07 15:24
17	16G7614	L0706104-06 A 10X	7	1	10		06/15/07 15:38
18	16G7615	L0706104-07 A 10X	7	1	10		06/15/07 15:52
19	16G7616	L0706104-08 A 10X	7	1	10		06/15/07 16:07
20	16G7617	L0706104-09 A 10X	7	1	10		06/15/07 16:52
21	16G7618	L0706104-10 A 10X	7	1	10		06/15/07 17:06
22	16G7619	L0706104-11 A 10X	7	1	10		06/15/07 17:20
23	16G7620	L0706104-12 A 10X	7	1	10		06/15/07 17:34
24	16G7621	L0706104-13 A 10X	7	1	10		06/15/07 17:48
25	16G7622	L0706260-01 A 10X	7	1	10		06/15/07 18:02
26	16G7623	WG242714-04 50umol/mol STD	NA	1	1	STD18652	06/15/07 18:16
27	16G7624	L0706260-02 A 10X	7	1	10		06/15/07 18:30
28	16G7625	L0706260-03 A 10X	7	1	10		06/15/07 18:44
29	16G7626	WG242714-05 50umol/mol STD	NA	1	1	STD18652	06/15/07 18:58

Comments

Seq.	Rerun	Dil.	Reason	Analytes
3	X			

Approved: June 21, 2007

Page: 1

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061507
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19644

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: STD18652

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242715

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 16G7600				
CO2 FAILS				
8	X	100	Over Calibration Range	CO2
File ID: 16G7605				
10	X	50	Over Calibration Range	CO2
File ID: 16G7607				
11	X	50	Over Calibration Range	CO2
File ID: 16G7608				
13	X	50	Over Calibration Range	CO2
File ID: 16G7610				
16	X	100	Over Calibration Range	CO2
File ID: 16G7613				
17	X	100	Over Calibration Range	CO2
File ID: 16G7614				
19	X	50	Over Calibration Range	CO2
File ID: 16G7616				
20	X	50	Over Calibration Range	CO2
File ID: 16G7617				
22	X	50	Over Calibration Range	CO2
File ID: 16G7619				
23	X	50	Over Calibration Range	CO2
File ID: 16G7620				
24	X	50	Over Calibration Range	CO2
File ID: 16G7621				
25	X	100	Over Calibration Range	CO2

Approved: June 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061507
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19644

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: STD18652

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242715

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 16G7622				
27	X	100	Check Standard Failure	CO2
File ID: 16G7624				
28	X	100	Check Standard Failure	
File ID: 16G7625				
29	X		Check Standard Failure	
File ID: 16G7626				

Approved: June 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061807
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19648

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242838,WG242896

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	16G7627	WG242837-01 50umol/mol STD	NA	1	1	STD18652	06/18/07 09:28
2	16G7628	WG242838-01 BLANK	NA	1	1		06/18/07 09:45
3	16G7629	WG242838-02 20umol/mol LCS	NA	1	1	STD18652	06/18/07 09:59
4	16G7630	WG242838-03 20umol/mol LCS DUP	NA	1	1	STD18652	06/18/07 10:13
5	16G7631	L0706104-02 B 50X	7	1	50		06/18/07 10:35
6	16G7632	L0706104-03 B 50X	7	1	50		06/18/07 10:49
7	16G7633	L0706104-04 B 50X	7	1	50		06/18/07 11:03
8	16G7634	L0706104-05 B 100X	7	1	100		06/18/07 11:17
9	16G7635	L0706104-06 B 100X	7	1	100		06/18/07 11:31
10	16G7636	L0706104-08 B 50X	7	1	50		06/18/07 11:45
11	16G7637	L0706104-09 B 50X	7	1	50		06/18/07 11:59
12	16G7638	WG242837-02 50umol/mol STD	NA	1	1	STD18652	06/18/07 12:14
13	16G7639	L0706104-11 B 50X	7	1	50		06/18/07 12:28
14	16G7640	L0706104-12 B 50X	7	1	50		06/18/07 12:42
15	16G7641	L0706104-13 B 50X	7	1	50		06/18/07 12:56
16	16G7642	L0706260-01 B 100X	7	1	100		06/18/07 13:10
17	16G7643	L0706260-02 B 100X	7	1	100		06/18/07 13:24
18	16G7644	L0706260-03 B 100X	7	1	100		06/18/07 13:38
19	16G7645	WG242837-03 50umol/mol STD	NA	1	1	STD18652	06/18/07 13:52
20	16G7646	L0706260-04 A 10X	7	1	10		06/18/07 14:06
21	16G7647	L0706285-01 A 10X	7	1	10		06/18/07 14:20
22	16G7648	L0706285-02 A 10X	7	1	10		06/18/07 14:34
23	16G7649	L0706285-03 A 10X	7	1	10		06/18/07 14:48
24	16G7650	L0706285-04 A 10X	7	1	10		06/18/07 15:02
25	16G7651	L0706151-01 A 10X	7	1	10		06/18/07 15:16
26	16G7652	L0706151-02 A 10X	7	1	10		06/18/07 15:30
27	16G7653	WG242837-04 50umol/mol STD	NA	1	1	STD18652	06/18/07 15:44
52	16G7654	WG242896-01 BLANK	NA	1	1		06/18/07 16:05
28	16G7655	WG242896-02 20umol/mol LCS	NA	1	1	STD18652	06/18/07 16:19
29	16G7656	L0706151-03 A 10X	7	1	10		06/18/07 16:40
30	16G7657	L0706151-04 A 10X	7	1	10		06/18/07 16:54
31	16G7658	L0706151-05 A 10X	7	1	10		06/18/07 17:08
32	16G7659	L0706151-06 A 10X	3	1	10		06/18/07 17:22
33	16G7660	L0706151-07 A 10X	7	1	10		06/18/07 17:36

Approved: June 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061807
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19648

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242838,WG242896

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
34	16G7661	L0706151-08 A 10X	7	1	10		06/18/07 17:50
35	16G7662	L0706151-09 A 10X	7	1	10		06/18/07 18:04
36	16G7663	L0706151-10 A 10X	7	1	10		06/18/07 18:18
37	16G7664	WG242837-05 50umol/mol STD	NA	1	1	STD18652	06/18/07 18:32
38	16G7665	L0706151-11 A 10X MS	7	1	10	STD18652	06/18/07 18:46
39	16G7666	L0706151-12 A 10X MSD	7	1	10	STD18652	06/18/07 19:00
40	16G7667	L0706151-13 A 10X	4	1	10		06/18/07 19:14
41	16G7668	L0706151-14 A 10X	7	1	10		06/18/07 19:28
42	16G7669	L0706151-15 A 10X	7	1	10		06/18/07 19:43
43	16G7670	L0706151-16 A 10X	7	1	10		06/18/07 19:57
44	16G7671	L0706151-18 A 10X	7	1	10		06/18/07 20:11
45	16G7672	L0706201-02 A 10X	7	1	10		06/18/07 20:25
46	16G7673	L0706201-03 B 10X	7	1	10		06/18/07 20:39
47	16G7674	L0706201-04 A 10X	7	1	10		06/18/07 20:53
48	16G7675	WG242837-06 50umol/mol STD	NA	1	1	STD18652	06/18/07 21:07
49	16G7676	L0706201-05 A 10X MS	7	1	10	STD18652	06/18/07 21:21
50	16G7677	L0706201-06 A 10X MSD	7	1	10	STD18652	06/18/07 21:35
51	16G7678	WG242837-07 50umol/mol STD	NA	1	1	STD18652	06/18/07 21:49

Comments

Seq.	Rerun	Dil.	Reason	Analytes
20	X	100	Over Calibration Range	CO2
File ID: 16G7646				
21	X	100	Over Calibration Range	CO2
File ID: 16G7647				
22	X	100	Over Calibration Range	CO2
File ID: 16G7648				
23	X	50	Over Calibration Range	CO2
File ID: 16G7649				
24	X	50	Over Calibration Range	CO2
File ID: 16G7650				

Approved: June 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061807
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19648

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242838,WG242896

Comments

Seq.	Rerun	Dil.	Reason	Analytes
25	X	50	Over Calibration Range	CO2
File ID: 16G7651				
26	X	50	Over Calibration Range	CO2
File ID: 16G7652				
29	X	50	Over Calibration Range	CO2
File ID: 16G7656				
30	X	100	Over Calibration Range	CO2
File ID: 16G7657				
32	X	100	Over Calibration Range	CO2
File ID: 16G7659				
8260 AND RSK VIALS WERE INADVERTENTLY SWAPPED. TSR NOTIFIED.				
33	X	50	Over Calibration Range	CO2
File ID: 16G7660				
34	X	50	Over Calibration Range	CO2
File ID: 16G7661				
35	X	50	Over Calibration Range	CO2
File ID: 16G7662				
36	X	100	Over Calibration Range	CO2
File ID: 16G7663				
38	X		Check Standard Failure	
File ID: 16G7665				
39	X		Check Standard Failure	
File ID: 16G7666				
40	X	100	Check Standard Failure	

Approved: June 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061807
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19648

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242838,WG242896

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 16G7667				
8260 AND RSK VIALS WERE INADVERTENTLY SWAPPED. TSR NOTIFIED.				
41	X	100	Check Standard Failure	
File ID: 16G7668				
42	X	50	Check Standard Failure	
File ID: 16G7669				
43	X	20	Check Standard Failure	
File ID: 16G7670				
44	X	50	Check Standard Failure	
File ID: 16G7671				
45	X	100	Check Standard Failure	
File ID: 16G7672				
46	X	100	Check Standard Failure	
File ID: 16G7673				
47	X	50	Check Standard Failure	
File ID: 16G7674				
48	X		Check Standard Failure	
File ID: 16G7675				
CO2 FAILS				
49	X	50	Check Standard Failure	
File ID: 16G7676				
50	X	50	Check Standard Failure	
File ID: 16G7677				
51	X		Check Standard Failure	
File ID: 16G7678				
CO2 FAILS				

Approved: June 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 062207
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19687

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: NA
Workgroups: WG243224

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	16G7747	WG243223-01 50umol/mol STD	NA	1	1	STD18652	06/22/07 08:50
2	16G7748	WG243224-01 BLANK	NA	1	1		06/22/07 09:06
3	16G7749	WG243224-02 20umol/mol LCS	NA	1	1	STD18652	06/22/07 09:20
4	16G7750	WG243224-03 20umol/mol LCS DUP	NA	1	1	STD18652	06/22/07 09:35
5	16G7751	L0706260-04 C 100X	7	1	100		06/22/07 10:09
6	16G7752	L0706285-01 C 100X	7	1	100		06/22/07 10:23
7	16G7753	L0706285-02 C 100X	7	1	100		06/22/07 10:37
8	16G7754	L0706285-03 C 50X	7	1	50		06/22/07 10:51
9	16G7755	L0706285-04 C 50X	7	1	50		06/22/07 11:05
10	16G7756	WG243223-02 50umol/mol STD	NA	1	1	STD18652	06/22/07 11:19
11	16G7757	L0706447-03 B 100X	7	1	100		06/22/07 11:33
12	16G7758	L0706447-06 B 100X	7	1	100		06/22/07 11:47
13	16G7759	L0706447-08 B 500X	7	1	500		06/22/07 12:01
14	16G7760	L0706447-09 B 10X	7	1	10		06/22/07 12:15
15	16G7761	L0706447-10 B 100X	7	1	100		06/22/07 12:29
16	16G7762	L0706255-06 B 10X	7	1	10		06/22/07 12:43
17	16G7763	WG243223-03 50umol/mol STD	NA	1	1	STD18652	06/22/07 12:57
18	16G7764	L0706447-08 C 100X	7	1	100		06/22/07 13:58
19	16G7765	WG243223-04 50umol/mol STD	NA	1	1	STD18652	06/22/07 14:12

Comments

Seq.	Rerun	Dil.	Reason	Analytes
13	X	100	Analyzed too dilute	
File ID: 16G7759				

Approved: June 25, 2007

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: RSK175 AAB#: WG243224
Login Number: L0706260

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
16WW36	06/11/07	06/12/07	06/22/07	14	10.9	06/22/07	14	10.9	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 797951
Report generated 06/25/2007 13:33

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: RSK175 **AAB#:** WG242838
Login Number: L0706260

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
16WW25	06/11/07	06/12/07	06/18/07	14	7.17	06/18/07	14	7.17	
16WW36	06/11/07	06/12/07	06/18/07	14	7.01	06/18/07	14	7.01	
16WW26	06/11/07	06/12/07	06/18/07	14	7.02	06/18/07	14	7.02	
16WW12	06/11/07	06/12/07	06/18/07	14	7.04	06/18/07	14	7.04	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**
***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 797951
Report generated 06/25/2007 13:33

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: RSK175 AAB#: WG242715
Login Number: L0706260

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
16WW25	06/11/07	06/12/07	06/15/07	14	4.38	06/15/07	14	4.38	
16WW12	06/11/07	06/12/07	06/15/07	14	4.25	06/15/07	14	4.25	
16WW26	06/11/07	06/12/07	06/15/07	14	4.23	06/15/07	14	4.23	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 797951
Report generated 06/25/2007 13:33

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG242715
Blank File ID: 16G7599
Blank Sample ID: WG242715-01
Prep Date: 06/15/07 10:27
Instrument ID: HP16
Analyzed Date: 06/15/07 10:27
Method: RSK175
Analyst: FJB

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS2	WG242715-03	16G7601	06/15/07 10:55	01
LCS	WG242715-02	16G7602	06/15/07 11:30	01
16WW25	L0706260-01	16G7622	06/15/07 18:02	DL01
16WW12	L0706260-02	16G7624	06/15/07 18:30	DL02
16WW26	L0706260-03	16G7625	06/15/07 18:44	DL02

KEMRON FORMS - Modified 01/31/2007
Version 1.5 PDF File ID: 796627
Report generated 06/25/2007 13:33

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG242838
Blank File ID: 16G7628
Blank Sample ID: WG242838-01
Prep Date: 06/18/07 09:45
Instrument ID: HP16
Analyzed Date: 06/18/07 09:45
Method: RSK175
Analyst: FJB

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242838-02	16G7629	06/18/07 09:59	01
LCS2	WG242838-03	16G7630	06/18/07 10:13	01
16WW25	L0706260-01	16G7642	06/18/07 13:10	DL02
16WW12	L0706260-02	16G7643	06/18/07 13:24	DL01
16WW26	L0706260-03	16G7644	06/18/07 13:38	DL01
16WW36	L0706260-04	16G7646	06/18/07 14:06	DL01

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG243224
Blank File ID: 16G7748
Blank Sample ID: WG243224-01
Prep Date: 06/22/07 09:06
Instrument ID: HP16
Analyzed Date: 06/22/07 09:06
Method: RSK175
Analyst: FJB

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG243224-02	16G7749	06/22/07 09:20	01
LCS2	WG243224-03	16G7750	06/22/07 09:35	01
16WW36	L0706260-04	16G7751	06/22/07 10:09	DL02

METHOD BLANK REPORT

Login Number: L0706260 Prep Date: 06/15/07 10:27 Sample ID: WG242715-01
Instrument ID: HP16 Run Date: 06/15/07 10:27 Prep Method: 5021
File ID: 16G7599 Analyst: FJB Method: RSK175
Workgroup (AAB#): WG242715 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HP16-08-JAN-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Methane	0.250	0.50	0.250	1	U
Ethene	0.250	0.50	0.250	1	U
Ethane	0.250	0.50	0.250	1	U
Carbon Dioxide	250	500	250	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 796628
Report generated 06/25/2007 13:33

METHOD BLANK REPORT

Login Number: L0706260 Prep Date: 06/18/07 09:45 Sample ID: WG242838-01
Instrument ID: HP16 Run Date: 06/18/07 09:45 Prep Method: 5021
File ID: 16G7628 Analyst: FJB Method: RSK175
Workgroup (AAB#): WG242838 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HP16-08-JAN-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Methane	0.250	0.50	0.250	1	U
Ethene	0.250	0.50	0.250	1	U
Ethane	0.250	0.50	0.250	1	U
Carbon Dioxide	250	500	250	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 796628
Report generated 06/25/2007 13:33

METHOD BLANK REPORT

Login Number: L0706260 Prep Date: 06/22/07 09:06 Sample ID: WG243224-01
Instrument ID: HP16 Run Date: 06/22/07 09:06 Prep Method: 5021
File ID: 16G7748 Analyst: FJB Method: RSK175
Workgroup (AAB#): WG243224 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HP16-08-JAN-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Methane	0.250	0.50	0.250	1	U
Ethene	0.250	0.50	0.250	1	U
Ethane	0.250	0.50	0.250	1	U
Carbon Dioxide	250	500	250	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 796628
Report generated 06/25/2007 13:33

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706260 Analyst: FJB Prep Method: 5021
Instrument ID: HP16 Matrix: Water Method: RSK175
Workgroup (AAB#): WG242838 Units: ug/L
Sample ID: WG242838-02 LCS File ID: 16G7629 Run Date: 06/18/2007 09:59
Sample ID: WG242838-03 LCS2 File ID: 16G7630 Run Date: 06/18/2007 10:13

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Methane	34.3	29.9	87.3	34.3	29.4	85.8	1.72	56 - 140	40	
Ethene	59.9	53.0	88.4	59.9	50.9	85.0	3.91	56 - 140	40	
Ethane	64.2	55.8	86.9	64.2	55.0	85.8	1.31	56 - 137	40	
Carbon Dioxide	1410	1500	106	1410	1360	96.6	9.41	50 - 150	40	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 796629
Report generated 06/25/2007 13:33

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706260 Analyst: FJB Prep Method: 5021
Instrument ID: HP16 Matrix: Water Method: RSK175
Workgroup (AAB#): WG243224 Units: ug/L
Sample ID: WG243224-02 LCS File ID: 16G7749 Run Date: 06/22/2007 09:20
Sample ID: WG243224-03 LCS2 File ID: 16G7750 Run Date: 06/22/2007 09:35

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Methane	34.3	33.8	98.7	34.3	33.4	97.5	1.30	56 - 140	40	
Ethene	59.9	59.1	98.6	59.9	58.9	98.3	0.376	56 - 140	40	
Ethane	64.2	64.1	99.8	64.2	62.8	97.9	1.93	56 - 137	40	
Carbon Dioxide	1410	1800	128	1410	1530	109	16.2	50 - 150	40	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 796629
Report generated 06/25/2007 13:33

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706260 Analyst: FJB Prep Method: 5021
Instrument ID: HP16 Matrix: Water Method: RSK175
Workgroup (AAB#): WG242715 Units: ug/L
Sample ID: WG242715-02 LCS File ID: 16G7602 Run Date: 06/15/2007 11:30
Sample ID: WG242715-03 LCS2 File ID: 16G7601 Run Date: 06/15/2007 10:55

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Methane	34.3	33.1	96.5	34.3	29.2	85.4	12.3	56 - 140	40	
Ethene	59.9	59.4	99.2	59.9	51.7	86.4	13.9	56 - 140	40	
Ethane	64.2	63.3	98.6	64.2	54.6	85.1	14.8	56 - 137	40	
Carbon Dioxide	1410	845	60.0	1410	1700	121	67.1	50 - 150	40	#

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 796629
Report generated 06/25/2007 13:33

Login Number: L0706260 **Instrument ID:** HP16
Analytical Method: RSK175 **Initial Calibration Date:** 08-JAN-07 16:52
ICAL Workgroup: WG231016 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
carbon dioxide		3063	21.6		0.999
ethane		157300	15.9	0.999	
ethene		156800	21.1	0.999	
methane		111400	70.0	0.999	

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

Login Number: L0706260
Analytical Method: RSK175
Instrument ID: HP16
Initial Calibration Date: 08-JAN-07 16:52
Column ID: F

Analyte	WG231016-01			WG231016-02			WG231016-03		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
carbon dioxide	50.0	193826.000	3877	100	354261.000	3543	200	527788.000	2639
ethane	0.100	21151.0000	211500	1.00	156994.000	157000	10.0	1466086.00	146600
ethene	0.100	23051.0000	230500	1.00	150346.000	150300	10.0	1436526.00	143700
methane	0.100	28696.0000	287000	1.00	102622.000	102600	10.0	785304.000	78530

Login Number: L0706260
Analytical Method: RSK175
Instrument ID: HP16
Initial Calibration Date: 08-JAN-07 16:52
Column ID: F

Analyte	WG231016-04			WG231016-06			WG231016-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
carbon dioxide	300	722371.000	2408	500	1155791.00	2312	1000	2874182.00	2874
ethane	20.0	2721136.00	136100	100	14910718.0	149100	200	28920601.0	144600
ethene	20.0	2678018.00	133900	100	14417593.0	144200	200	28265113.0	141300
methane	20.0	1459030.00	72950	100	7868122.00	78680	200	15414754.0	77070

Login Number: L0706260
Analytical Method: RSK175
Instrument ID: HP16
Initial Calibration Date: 08-JAN-07 16:52
Column ID: F

Analyte	WG231016-08		
	CONC	RESP	RF
carbon dioxide	2000	7581941.00	3791
ethane	300	46954497.0	156500
ethene	300	46020766.0	153400
methane	300	24903631.0	83010

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00085534

Login Number: L0706260 Run Date: 01/08/2007 Sample ID: WG231016-09

Instrument ID: HP16 Run Time: 17:06 Method: RSK175

File ID: 16G5778 Analyst: JLS

ICal Workgroup: WG231016 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
methane		34.3	31.5	ug/L	74300	8.10	30	
ethene		59.9	53.8	ug/L	134000	10.1	30	
ethane		64.2	57.7	ug/L	137000	10.0	30	
carbon dioxide		1410	741	ug/L	1180	47.4	60	

* Exceeds %D Limit

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 800475
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085535

Login Number: L0706260 Run Date: 06/15/2007 Sample ID: WG242714-01
Instrument ID: HP16 Run Time: 10:02 Method: RSK175
File ID: 16G7598 Analyst: FJB
Workgroup (AAB#): WG242715 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	80.5	ug/L	76000	6.01	25	
ethene		150	141	ug/L	140000	6.00	25	
ethane		160	152	ug/L	144000	5.14	25	
carbon dioxide		1880	1040	ug/L	1270	44.5	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085536

Login Number: L0706260 Run Date: 06/15/2007 Sample ID: WG242714-02
Instrument ID: HP16 Run Time: 13:14 Method: RSK175
File ID: 16G7609 Analyst: FJB
Workgroup (AAB#): WG242715 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	83.6	ug/L	79000	2.33	25	
ethene		150	146	ug/L	145000	2.43	25	
ethane		160	157	ug/L	149000	1.87	25	
carbon dioxide		1880	824	ug/L	987	56.2	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085537

Login Number: L0706260 Run Date: 06/15/2007 Sample ID: WG242714-03
Instrument ID: HP16 Run Time: 14:47 Method: RSK175
File ID: 16G7612 Analyst: FJB
Workgroup (AAB#): WG242715 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	84.4	ug/L	79700	1.40	25	
ethene		150	152	ug/L	152000	1.66	25	
ethane		160	162	ug/L	154000	0.975	25	
carbon dioxide		1880	2320	ug/L	3110	23.5	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085538

Login Number: L0706260 Run Date: 06/15/2007 Sample ID: WG242714-04
Instrument ID: HP16 Run Time: 18:16 Method: RSK175
File ID: 16G7623 Analyst: FJB
Workgroup (AAB#): WG242715 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	75.5	ug/L	71300	11.9	25	
ethene		150	132	ug/L	132000	11.7	25	
ethane		160	142	ug/L	135000	11.6	25	
carbon dioxide		1880	1420	ug/L	1780	24.5	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085539

Login Number: L0706260 Run Date: 06/18/2007 Sample ID: WG242837-01
Instrument ID: HP16 Run Time: 09:28 Method: RSK175
File ID: 16G7627 Analyst: FJB
Workgroup (AAB#): WG242838 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	75.6	ug/L	71400	11.8	25	
ethene		150	132	ug/L	132000	11.7	25	
ethane		160	143	ug/L	135000	11.2	25	
carbon dioxide		1880	2270	ug/L	3020	20.5	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085540

Login Number: L0706260 Run Date: 06/18/2007 Sample ID: WG242837-02
Instrument ID: HP16 Run Time: 12:14 Method: RSK175
File ID: 16G7638 Analyst: FJB
Workgroup (AAB#): WG242838 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	86.3	ug/L	81500	0.753	25	
ethene		150	154	ug/L	153000	2.66	25	
ethane		160	163	ug/L	155000	1.55	25	
carbon dioxide		1880	1500	ug/L	1890	20.2	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085541

Login Number: L0706260 Run Date: 06/18/2007 Sample ID: WG242837-03
Instrument ID: HP16 Run Time: 13:52 Method: RSK175
File ID: 16G7645 Analyst: FJB
Workgroup (AAB#): WG242838 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	84.1	ug/L	79400	1.76	25	
ethene		150	147	ug/L	146000	1.91	25	
ethane		160	159	ug/L	151000	0.787	25	
carbon dioxide		1880	850	ug/L	1020	54.8	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085542

Login Number: L0706260 Run Date: 06/18/2007 Sample ID: WG242837-04
Instrument ID: HP16 Run Time: 15:44 Method: RSK175
File ID: 16G7653 Analyst: FJB
Workgroup (AAB#): WG242838 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	79.7	ug/L	75300	6.95	25	
ethene		150	138	ug/L	138000	7.70	25	
ethane		160	149	ug/L	141000	7.29	25	
carbon dioxide		1880	928	ug/L	1120	50.6	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV) 00085543

Login Number: L0706260 Run Date: 06/22/2007 Sample ID: WG243223-01
Instrument ID: HP16 Run Time: 08:50 Method: RSK175
File ID: 16G7747 Analyst: FJB
Workgroup (AAB#): WG243224 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	82.8	ug/L	78200	3.27	25	
ethene		150	148	ug/L	147000	1.15	25	
ethane		160	156	ug/L	148000	2.64	25	
carbon dioxide		1880	1780	ug/L	2300	5.10	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085544

Login Number: L0706260 Run Date: 06/22/2007 Sample ID: WG243223-02
Instrument ID: HP16 Run Time: 11:19 Method: RSK175
File ID: 16G7756 Analyst: FJB
Workgroup (AAB#): WG243224 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	84.6	ug/L	79900	1.26	25	
ethene		150	152	ug/L	152000	1.76	25	
ethane		160	161	ug/L	152000	0.0796	25	
carbon dioxide		1880	1860	ug/L	2410	1.18	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800476
Report generated 06/25/2007 13:33

2.2 General Chemistry Data

2.2.1 Method 9056

2.2.1.1 Summary Data

LABORATORY REPORT

00085548

L0706260

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW25	L0706260-01	300.0	100	12-JUN-07
16WW12	L0706260-02	300.0	100	12-JUN-07
16WW26	L0706260-03	300.0	50	12-JUN-07
16WW36	L0706260-04	300.0	50	12-JUN-07

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085549

Sample Number: **L0706260-01**
Client ID: **16WW25**
Matrix: **Water**
Workgroup Number: **WG242680**
Collect Date: **06/11/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **100**
Units: **mg/L**

Instrument: **IC1**
Prep Date: **06/12/2007 13:35**
Cal Date: **03/27/2007 13:52**
Run Date: **06/12/2007 13:35**
File ID: **I1061207.25**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**464**		**20.0**	**10.0**
Nitrate	**14797-55-8**		**U**	**60.0**	**10.0**
Nitrite	**14797-65-0**		**U**	**40.0**	**10.0**
Sulfate	**14808-79-8**	**4630**		**100**	**50.0**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085550

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242680**
Collect Date: **06/11/2007 12:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **100**
Units: **mg/L**

Instrument: **IC1**
Prep Date: **06/12/2007 13:52**
Cal Date: **03/27/2007 13:52**
Run Date: **06/12/2007 13:52**
File ID: **I1061207.26**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**1030**		**20.0**	**10.0**
Nitrate	**14797-55-8**		**U**	**60.0**	**10.0**
Nitrite	**14797-65-0**		**U**	**40.0**	**10.0**
Sulfate	**14808-79-8**	**1950**		**100**	**50.0**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085551

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242680**
Collect Date: **06/11/2007 13:15**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **50**
Units: **mg/L**

Instrument: **IC1**
Prep Date: **06/12/2007 14:10**
Cal Date: **03/27/2007 13:52**
Run Date: **06/12/2007 14:10**
File ID: **I1061207.27**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**283**		**10.0**	**5.00**
Nitrate	**14797-55-8**		**U**	**30.0**	**5.00**
Nitrite	**14797-65-0**		**U**	**20.0**	**5.00**
Sulfate	**14808-79-8**	**1850**		**50.0**	**25.0**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085552

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242680**
Collect Date: **06/11/2007 13:45**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **50**
Units: **mg/L**

Instrument: **IC1**
Prep Date: **06/12/2007 14:27**
Cal Date: **03/27/2007 13:52**
Run Date: **06/12/2007 14:27**
File ID: **I1061207.28**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**587**		**10.0**	**5.00**
Nitrate	**14797-55-8**		**U**	**30.0**	**5.00**
Nitrite	**14797-65-0**		**U**	**20.0**	**5.00**
Sulfate	**14808-79-8**	**2190**		**50.0**	**25.0**

U Not detected at or above adjusted sample detection limit

2.2.1.2 QC Summary Data

The concentrations (ppm) of the calibration standards and the resulting area counts are used to determine the equation of a linear or quadratic plot.
The slope and y-intercept of that line are used to calculate the quantity of the analyzed unkown samples.
Amount(ppm) = [(slope)(area count of unknown) + y-intercept](dilution)
(The slope is the amt/area also identified as the CF or calibration factor)

KEMRON Environmental Services

Instrument Run Log

Instrument: IC1 Dataset: 032707 9056 CURVE IC1.S

Analyst1: JWR Analyst2: NA

Method: 300/9056 SOP: IC1 Rev: 7

Maintenance Log ID: 18439

Column 1 ID: AS14A-4MM Column 2 ID: NA

Workgroups: WG236426

Internal STD: NA Surrogate STD: NA Calibration STD STD17414

Comments: Analyzed Method 300/9056 Calibration Curve and Alt. Source only.

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	I1032707.01	WG236426-01 STD \#1	1	1		03/27/07 12:07
2	I1032707.02	WG236426-02 STD \#1.5	1	1		03/27/07 12:25
3	I1032707.03	WG236426-03 STD \#2	1	1		03/27/07 12:42
4	I1032707.04	WG236426-04 STD \#3	1	1		03/27/07 13:00
5	I1032707.05	WG236426-05 STD \#4	1	1		03/27/07 13:17
6	I1032707.06	WG236426-06 STD \#5	1	1		03/27/07 13:34
7	I1032707.07	WG236426-07 STD \#6	1	1		03/27/07 13:52
8	I1032707.08	WG236426-08 ALT STD	1	1		03/27/07 14:09
9	I1032707.09	Eluent	1	1		03/27/07 14:27
10	I1032707.10	DI Water	1	1		03/27/07 14:44
11	I1032707.11	Anion CCV	1	1		03/27/07 15:01
12	I1032707.12	Anion CCB	1	1		03/27/07 15:19

Comments

Seq.	Rerun	Dil.	Reason	Analytes

Approved: 28-MAR-07

KEMRON Environmental Services

Instrument Run Log

Instrument: IC1 Dataset: 061207 9056 IC1.SEQ
Analyst1: DSF Analyst2: NA
Method: 300/9056 SOP: IC1 Rev: 7

Maintenance Log ID: 19595

Column 1 ID: AS14A-4MM Column 2 ID: NA
Workgroups: WG242680
Internal STD: NA Surrogate STD: NA Calibration STD STD17414

Comments: L0706250-02, -03 samples were analyzed for SO4 only.
L0706250-04 through -08 samples were analyzed for Cl, Br and SO4.
L0706254 samples were analyzed for Cl, Br and SO4.
L0706260 samples were analyzed for Cl, NO2, NO3 and SO4.

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	I1061207.09	ELUENT	1	1		06/12/07 08:56
2	I1061207.10	DI WATER	1	1		06/12/07 09:14
3	I1061207.11	WG242683-01 ANION CCV	1	1		06/12/07 09:31
4	I1061207.12	WG242683-02 ANION CCB	1	1		06/12/07 09:49
5	I1061207.13	WG242680-01 ANION BLANK	1	1		06/12/07 10:06
6	I1061207.14	WG242680-02 ANION LCS	1	1		06/12/07 10:23
7	I1061207.15	L0706250-02 (SO4 Only) 1/2	1	2		06/12/07 10:41
8	I1061207.16	L0706250-03 (SO4 Only)	1	1		06/12/07 10:58
9	I1061207.17	L0706250-04 (Cl, Br, SO4) REF	1	1		06/12/07 11:16
10	I1061207.18	WG242680-04 DUP 250-04	1	1		06/12/07 11:33
11	I1061207.19	L0706250-05 MS	1	1		06/12/07 11:50
12	I1061207.20	L0706250-06 MSD	1	1		06/12/07 12:08
13	I1061207.21	L0706250-07 (Cl, Br, SO4)	1	1		06/12/07 12:25
14	I1061207.22	L0706250-08 (Cl, Br, SO4)	1	1		06/12/07 12:43
15	I1061207.23	WG242683-03 ANION CCV	1	1		06/12/07 13:00
16	I1061207.24	WG242683-04 ANION CCB	1	1		06/12/07 13:17
17	I1061207.25	L0706260-01 (Cl, NO2,NO3, SO4) 1/100	1	100		06/12/07 13:35
18	I1061207.26	L0706260-02 (Cl, NO2,NO3, SO4) 1/100	1	100		06/12/07 13:52
19	I1061207.27	L0706260-03 (Cl, NO2,NO3, SO4) 1/50	1	50		06/12/07 14:10
20	I1061207.28	L0706260-04 (Cl, NO2,NO3, SO4) 1/50	1	50		06/12/07 14:27
21	I1061207.29	L0706254-02 (Cl, Br, SO4) 1/2	1	2		06/12/07 14:44
22	I1061207.30	L0706254-03 (Cl, Br, SO4) 1/2	1	2		06/12/07 15:02
23	I1061207.31	L0706254-04 (Cl, Br, SO4) 1/2	1	2		06/12/07 15:19
24	I1061207.32	L0706254-05 (Cl, Br, SO4) 1/2	1	2		06/12/07 15:37
25	I1061207.33	L0706254-06 (Cl, Br, SO4) REF	1	1		06/12/07 15:54
26	I1061207.34	WG242680-08 DUP 254-06	1	1		06/12/07 16:12
27	I1061207.35	WG242683-05 ANION CCV	1	1		06/12/07 16:29
28	I1061207.36	WG242683-06 ANION CCB	1	1		06/12/07 16:46
29	I1061207.37	L0706254-07 (Cl, Br, SO4)	1	1		06/12/07 17:04
30	I1061207.38	L0706250-02 RR SO4 1/4	1	4		06/12/07 17:21
31	I1061207.39	L0706250-04 RR Cl, SO4 1/10	1	10		06/12/07 17:39
32	I1061207.40	L0706250-07 RR Cl, SO4 1/6	1	6		06/12/07 17:56
33	I1061207.41	L0706250-08 RR Cl, SO4 1/5	1	5		06/12/07 18:13
34	I1061207.42	L0706254-02 RR Cl 1/8	1	8		06/12/07 18:31

Page: 1 Approved: 19-JUN-07

KEMRON Environmental Services

Instrument Run Log

Instrument: IC1 Dataset: 061207 9056 IC1.SEQ

Analyst1: DSF Analyst2: NA

Method: 300/9056 SOP: IC1 Rev: 7

Maintenance Log ID: 19595

Column 1 ID: AS14A-4MM Column 2 ID: NA

Workgroups: WG242680

Internal STD: NA Surrogate STD: NA STD17414

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
35	I1061207.43	L0706254-03 RR Cl, SO4 1/8	1	8		06/12/07 18:48
36	I1061207.44	L0706254-04 RR Cl 1/8	1	8		06/12/07 19:06
37	I1061207.45	L0706254-05 RR Cl, SO4 1/10	1	10		06/12/07 19:23
38	I1061207.46	L0706254-06 RR Cl 1/5	1	5		06/12/07 19:40
39	I1061207.47	WG242683-07 ANION CCV	1	1		06/12/07 19:58
40	I1061207.48	WG242683-08 ANION CCB	1	1		06/12/07 20:15
41	I1061207.49	L0706254-07 RR Cl 1/5	1	5		06/12/07 20:33
42	I1061207.50	WG242683-09 ANION CCV	1	1		06/12/07 20:50
43	I1061207.51	WG242683-10 ANION CCB	1	1		06/12/07 21:07

Comments

Seq.	Rerun	Dil.	Reason	Analytes
7	X	4	Over Calibration Range	Sulfate
	Sample analyzed at a dilution only because of high pre-run screen value for sulfate. Sample re-ran at a further dilution for sulfate over its calibration range.			
9	X	10	Over Calibration Range	Chloride, Sulfate
	Sample re-ran at a dilution for chloride and sulfate being over their calibration ranges.			
13	X	6	Over Calibration Range	Chloride, Sulfate
	Sample re-ran at a dilution due to chloride and sulfate being over their calibration ranges.			
14	X	5	Over Calibration Range	Chloride, Sulfate
	Sample re-ran at a dilution due to chloride and sulfate being over their calibration ranges.			
17		100	Over Calibration Range	Chloride, Sulfate
	Sample analyzed at a dilution only due to extremely high pre-run screen results for chloride and sulfate. This was done to avoid possible damage to theinstrument.			
18		100	Over Calibration Range	Chloride, Sulfate
	Sample analyzed at a dilution only due to extremely high pre-run screen results for chloride and sulfate. This was done to avoid possible damage to theinstrument.			
19		50	Over Calibration Range	Chloride, Sulfate
	Sample analyzed at a dilution only due to very high pre-run screen results for chloride and sulfate. This was done to avoid possible damage to theinstrument.			
20		50	Over Calibration Range	Chloride, Sulfate
	Sample analyzed at a dilution only due to very high pre-run screen results for chloride and sulfate. This was done to avoid possible damage to theinstrument.			
21	X	8	Over Calibration Range	Chloride
	Sample analyzed at a dilution only due to high pre-run screen results for chloride and sulfate. Sample re-ran at a further dilution for chloride being over its calibration range.			
22	X	8	Over Calibration Range	Chloride, Sulfate
	Sample analyzed at a dilution only due to high pre-run screen results for chloride and sulfate. Sample re-ran at a further dilution for chloride and sulfate being over their calibration ranges.			
23	X	8	Over Calibration Range	Chloride
	Sample analyzed at a dilution only due to high pre-run screen results for chloride. Sample re-ran at a further dilution for chloride being over its calibration range.			
24	X	10	Over Calibration Range	Chloride, Sulfate

Approved: 19-JUN-07

KEMRON Environmental Services

Instrument Run Log

Instrument: IC1 Dataset: 061207 9056 IC1.SEQ

Analyst1: DSF Analyst2: NA

Method: 300/9056 SOP: IC1 Rev: 7

Maintenance Log ID: 19595

Column 1 ID: AS14A-4MM Column 2 ID: NA

Workgroups: WG242680

Internal STD: NA Surrogate STD: NA STD17414

Comments

Seq.	Rerun	Dil.	Reason	Analytes
	Sample analyzed at a dilution only due to high pre-run screen results for chloride and sulfate. Sample re-ran at a further dilution for chloride and sulfate being over their calibration ranges.			
25	X	5	Over Calibration Range	Chloride
	Sample re-ran at a dilution for chloride being over its calibration range.			
29	X	5	Over Calibration Range	Chloride
	Sample re-ran at a dilution for chloride being over its calibration range.			

Page: 3

Approved: 19-JUN-07

KEMRON Environmental Services
Data Checklist

Date: 27-MAR-2007
Analyst: JWR
Analyst: NA
Method: 300/9056
Instrument: IC1
Curve Workgroup: WG236426
Runlog ID: 15322
Analytical Workgroups: NA

System Performance Check	
Eluent check	X
Initial Calibration	X
Average RF	
Linear Reg or Higher Order Curve	03/27/07
Alt Source Check	03/27/07
Continuing Calibration	
Continuing Calibration	X
Client Specific Requirements	
Blanks	
Quant Report / Chromatogram	X
Spike Compounds	
MS/MSD	
Excel Spreadsheet	
Samples	
TCL Hits	X
Manual Integrations	X
Data Package	
Level 2	
Level 3	
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	NA
Check the resonableness of the results	X
Comments:	
Method 300/9056 Calibration Curve and Alt. Source were analyzed on this day.	

Primary Reviewer:
27-MAR-2007
John Richards

Secondary Reviewer:
28-MAR-2007
Michael Cochran

Generated: MAR-28-2007 14:50:24

KEMRON Environmental Services
Data Checklist

Date: 12-JUN-2007
Analyst: DSF
Analyst: NA
Method: 300/9056
Instrument: IC1
Curve Workgroup: NA
Runlog ID: 16703
Analytical Workgroups: L0706250, L0706254, L0706260

ANALYTICAL	
System Performance Check	
DFTPP (MS)	NA
Endrin/DDT breakdown (8081/MS)	NA
Pentachlorophenol/benzidine tailing (MS)	NA
Eluent check (IC)/system pressure (HPLC)	X
Window standard (FID)	NA
Initial Calibration	
Average RF	NA
Linear regression or higher order curve	NA
Alternate source standard (ICV) % Difference	NA
Continuing Calibration (CCV)	
% D/% Drift	X
Minimum response factors (MS)	NA
Continuing calibration blank (CCB) (IC)	X
Special standards	NA
Blanks	X
TCL hits	NA
Surrogate recoveries	NA
LCS/LCSD (Laboratory Control Sample)	
Recoveries	X
Surrogate recoveries	NA
MS/MSD/Sample duplicates	
Recoveries	X
%RPD	X
Samples	
TCL hits	X
Mass spectra (MS/HPLC)/2nd column confirmations (ECD/FID/HPLC)	NA
Surrogate recoveries	NA
Internal standard areas (MS)	NA
Library searches (MS)	NA
Calculations & correct factors	X
Compounds above calibration range	X
Reruns	X
Manual integrations	X
Project/client specific requirements	X
REPORTING	
Upload batch form	X
KOBRA workgroup data/forms/bench sheets	X
Case narratives	X
Check for completeness	X
Primary Reviewer	DSF
SUPERVISORY/SECONDARY REVIEW	
Check for compliance with method and project specific requirements	X
Check the completeness/accuracy of reported information	X
Data qualifiers	X
Secondary Reviewer	MDC

Primary Reviewer:
18-JUN-2007
Debra S. Frederick

Secondary Reviewer:
19-JUN-2007
Michael Cochran

Generated: JUN-19-2007 08:18:28

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 300.0 **AAB#:** WG242680

Login Number: L0706260

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
16WW25	06/11/07	06/12/07	06/12/07	2	1.19	06/12/07	2	1.19	
16WW36	06/11/07	06/12/07	06/12/07	2	1.03	06/12/07	2	1.03	
16WW26	06/11/07	06/12/07	06/12/07	2	1.04	06/12/07	2	1.04	
16WW12	06/11/07	06/12/07	06/12/07	2	1.06	06/12/07	2	1.06	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**

***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 794019
Report generated 06/19/2007 09:55

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG242680
Blank File ID: I1061207.13
Blank Sample ID: WG242680-01
Prep Date: 06/12/07 10:06
Instrument ID: IC1
Analyzed Date: 06/12/07 10:06
Method: 300.0
Analyst: DSF

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242680-02	I1061207.14	06/12/07 10:23	01
DUP	WG242680-04	I1061207.18	06/12/07 11:33	01
16WW25	L0706260-01	I1061207.25	06/12/07 13:35	DL01
16WW12	L0706260-02	I1061207.26	06/12/07 13:52	DL01
16WW26	L0706260-03	I1061207.27	06/12/07 14:10	DL01
16WW36	L0706260-04	I1061207.28	06/12/07 14:27	DL01
DUP	WG242680-08	I1061207.34	06/12/07 16:12	01

METHOD BLANK REPORT

Login Number: L0706260 Prep Date: 06/12/07 10:06 Sample ID: WG242680-01
Instrument ID: IC1 Run Date: 06/12/07 10:06 Prep Method: 300.0
File ID: I1061207.13 Analyst: DSF Method: 300.0
Workgroup (AAB#): WG242680 Matrix: Water Units: mg/L
Contract #: DACA56-94-D-0020 Cal ID: IC1-27-MAR-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Chloride	0.100	0.200	0.100	1	U
Nitrate	0.100	0.600	0.100	1	U
Nitrite	0.100	0.400	0.100	1	U
Sulfate	0.500	1.00	0.500	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 794021
Report generated 06/19/2007 09:55

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706260 Run Date: 06/12/2007 Sample ID: WG242680-02
Instrument ID: IC1 Run Time: 10:23 Prep Method: 300.0
File ID: I1061207.14 Analyst: DSF Method: 300.0
Workgroup (AAB#): WG242680 Matrix: Water Units: mg/L
Contract #: DACA56-94-D-0020 Cal ID: IC1-27-MAR-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Chloride	6.00	6.45	108	90 - 110	
Nitrate	4.07	4.36	107	90 - 110	
Nitrite	3.65	3.93	107	90 - 110	
Sulfate	30.0	31.9	106	90 - 110	

KEMRON FORMS - Modified 12/15/2006
Version 1.5 PDF File ID: 794022
Report generated 06/19/2007 09:55

Login Number: L0706260 **Instrument ID:** IC1
Analytical Method: 300.0 **Initial Calibration Date:** 27-MAR-07 13:52
ICAL Workgroup: WG236426 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
Chloride		5.218	5.16		
Nitrate		2.174	7.58		
Nitrite		2.428	4.79		
Sulfate		6.904	8.62		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum
This method always uses quadratic calibration model (R^2)

Login Number: L0706260
Analytical Method: 300.0
Instrument ID: IC1
Initial Calibration Date: 27-MAR-07 13:52
Column ID: F

Analyte	WG236426-01			WG236426-02			WG236426-03		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloride	0.200	0.0370000000	5.405	1.00	0.181000000	5.525	2.00	0.370000000	5.405
Nitrate	0.136	0.0550000000	2.464	0.678	0.300000000	2.259	1.36	0.604000000	2.244
Nitrite	0.122	0.0460000000	2.648	0.609	0.244000000	2.495	1.22	0.502000000	2.426
Sulfate	1.00	0.130000000	7.692	5.00	0.671000000	7.452	10.0	1.38300000	7.231

INITIAL CALIBRATION DATA

Login Number: L0706260
Analytical Method: 300.0
Instrument ID: IC1
Initial Calibration Date: 27-MAR-07 13:52
Column ID: F

Analyte	WG236426-04			WG236426-05			WG236426-06		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloride	4.00	0.753000000	5.312	6.00	1.18800000	5.051	8.00	1.58800000	5.038
Nitrate	2.71	1.24600000	2.176	4.07	1.97100000	2.063	5.42	2.63000000	2.061
Nitrite	2.44	1.00000000	2.436	3.65	1.54200000	2.369	4.87	2.07900000	2.343
Sulfate	20.0	2.88800000	6.925	30.0	4.60000000	6.522	40.0	6.21200000	6.439

Login Number: L0706260
Analytical Method: 300.0

Instrument ID: IC1
Initial Calibration Date: 27-MAR-07 13:52
Column ID: F

Analyte	WG236426-07		
	CONC	RESP	RF
Chloride	12.0	2.50400000	4.792
Nitrate	8.13	4.16600000	1.952
Nitrite	7.31	3.20700000	2.278
Sulfate	60.0	9.88400000	6.070

KEMRON FORMS - Modified 10/13/2006
Version 1.6 PDF File ID: 794904
Report generated 06/19/2007 09:55

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00085569

Login Number: L0706260 Run Date: 03/27/2007 Sample ID: WG236426-08

Instrument ID: IC1 Run Time: 14:09 Method: 300.0

File ID: I1032707.08 Analyst: JWR

ICal Workgroup: WG236426 Cal ID: IC1 - 27-MAR-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloride		6.00	6.01	mg/L	5.11	0.200	10	
Nitrate		4.07	4.10	mg/L	2.08	0.800	10	
Nitrite		3.65	3.65	mg/L	2.38	0.100	10	
Sulfate		30.0	30.1	mg/L	6.60	0.200	10	

* Exceeds %D Limit

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 794905
Report generated 06/19/2007 09:55

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00085570

Login Number: L0706260 Run Date: 06/12/2007 Sample ID: WG242683-02
Instrument ID: IC1 Run Time: 09:49 Method: 300.0
File ID: I1061207.12 Analyst: DSF Units: mg/L
Workgroup (AAB#): WG242680 Cal ID: IC1 -

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Chloride	0.100	0.200	0		U
Nitrate	0.100	0.600	0		U
Nitrite	0.100	0.400	0		U
Sulfate	0.500	1.00	0		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: 794024
Report generated 06/19/2007 09:55

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00085571

Login Number: L0706260 Run Date: 06/12/2007 Sample ID: WG242683-04
Instrument ID: IC1 Run Time: 13:17 Method: 300.0
File ID: I1061207.24 Analyst: DSF Units: mg/L
Workgroup (AAB#): WG242680 Cal ID: IC1 -

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Chloride	0.100	0.200	0		U
Nitrate	0.100	0.600	0		U
Nitrite	0.100	0.400	0		U
Sulfate	0.500	1.00	0		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: 794024
Report generated 06/19/2007 09:55

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00085572

Login Number: L0706260 Run Date: 06/12/2007 Sample ID: WG242683-06
Instrument ID: IC1 Run Time: 16:46 Method: 300.0
File ID: I1061207.36 Analyst: DSF Units: mg/L
Workgroup (AAB#): WG242680 Cal ID: IC1 -

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Chloride	0.100	0.200	0		U
Nitrate	0.100	0.600	0		U
Nitrite	0.100	0.400	0		U
Sulfate	0.500	1.00	0		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: 794024
Report generated 06/19/2007 09:55

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085573

Login Number: L0706260 Run Date: 06/12/2007 Sample ID: WG242683-01
Instrument ID: IC1 Run Time: 09:31 Method: 300.0
File ID: I1061207.11 Analyst: DSF
Workgroup (AAB#): WG242680 Cal ID: IC1 - 27-MAR-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloride		6.00	6.47	mg/L	4.73	7.75	10	
Nitrate		4.07	4.37	mg/L	1.94	7.40	10	
Nitrite		3.65	3.92	mg/L	2.21	7.41	10	
Sulfate		30.0	31.9	mg/L	6.19	6.18	10	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 794023
Report generated 06/19/2007 09:55

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085574

Login Number: L0706260 Run Date: 06/12/2007 Sample ID: WG242683-03
Instrument ID: IC1 Run Time: 13:00 Method: 300.0
File ID: I1061207.23 Analyst: DSF
Workgroup (AAB#): WG242680 Cal ID: IC1 - 27-MAR-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloride		6.00	6.49	mg/L	4.71	8.13	10	
Nitrate		4.07	4.37	mg/L	1.94	7.45	10	
Nitrite		3.65	3.94	mg/L	2.20	7.87	10	
Sulfate		30.0	32.5	mg/L	6.05	8.38	10	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 794023
Report generated 06/19/2007 09:55

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV) 00085575

Login Number: L0706260 Run Date: 06/12/2007 Sample ID: WG242683-05
Instrument ID: IC1 Run Time: 16:29 Method: 300.0
File ID: I1061207.35 Analyst: DSF
Workgroup (AAB#): WG242680 Cal ID: IC1 - 27-MAR-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloride		6.00	6.47	mg/L	4.72	7.90	10	
Nitrate		4.07	4.36	mg/L	1.95	7.20	10	
Nitrite		3.65	3.94	mg/L	2.20	7.87	10	
Sulfate		30.0	32.5	mg/L	6.05	8.48	10	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 794023
Report generated 06/19/2007 09:55

2.2.2 Perchlorate Data

2.2.2.1 Summary Data

LABORATORY REPORT

00085578

L0706260

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW25	L0706260-01	314.0	10	12-JUN-07
16WW12	L0706260-02	314.0	10	12-JUN-07
16WW26	L0706260-03	314.0	4	12-JUN-07
16WW36	L0706260-04	314.0	20	12-JUN-07

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085579

Sample Number: **L0706260-01**
Client ID: **16WW25**
Matrix: **Water**
Workgroup Number: **WG242735**
Collect Date: **06/11/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **10**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **06/14/2007 20:28**
Cal Date: **06/14/2007 13:40**
Run Date: **06/14/2007 20:28**
File ID: **I1061407.26**

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: **L0706260**
Report Date : **June 25, 2007**

00085580

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242735**
Collect Date: **06/11/2007 12:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **10**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **06/14/2007 20:48**
Cal Date: **06/14/2007 13:40**
Run Date: **06/14/2007 20:48**
File ID: **I1061407.27**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**	**322**		**10.0**	**5.00**

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085581

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242735**
Collect Date: **06/11/2007 13:15**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **4**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **06/14/2007 21:09**
Cal Date: **06/14/2007 13:40**
Run Date: **06/14/2007 21:09**
File ID: **I1061407.28**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**	**45.0**		**4.00**	**2.00**

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085582

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242735**
Collect Date: **06/11/2007 13:45**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **20**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **06/14/2007 21:29**
Cal Date: **06/14/2007 13:40**
Run Date: **06/14/2007 21:29**
File ID: **I1061407.29**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**	**441**		**20.0**	**10.0**

2.2.2.2 QC Summary Data

2.2.3 Alkalinity Data

2.2.3.1 Summary Data

LABORATORY REPORT

00085586

L0706260

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW25	L0706260-01	310.2	5	12-JUN-07
16WW12	L0706260-02	310.2	5	12-JUN-07
16WW26	L0706260-03	310.2	5	12-JUN-07
16WW36	L0706260-04	310.2	5	12-JUN-07

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085587

Sample Number: **L0706260-01**
Client ID: **16WW25**
Matrix: **Water**
Workgroup Number: **WG242538**
Collect Date: **06/11/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **310.2**
Analytical Method: **310.2**
Analyst: **DIH**
Dilution: **5**
Units: **mg/L**

Instrument: **SMARTCHEM**
Prep Date: **06/14/2007 11:55**
Cal Date: **06/14/2007 11:52**
Run Date: **06/14/2007 11:55**
File ID: **SC070614001.012**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Alkalinity, Total		**90.0**		**50.0**	**25.0**

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085588

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242538**
Collect Date: **06/11/2007 12:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **310.2**
Analytical Method: **310.2**
Analyst: **DIH**
Dilution: **5**
Units: **mg/L**

Instrument: **SMARTCHEM**
Prep Date: **06/14/2007 11:56**
Cal Date: **06/14/2007 11:52**
Run Date: **06/14/2007 11:56**
File ID: **SC070614001.013**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Alkalinity, Total		**255**		**50.0**	**25.0**

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085589

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242538**
Collect Date: **06/11/2007 13:15**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **310.2**
Analytical Method: **310.2**
Analyst: **DIH**
Dilution: **5**
Units: **mg/L**

Instrument: **SMARTCHEM**
Prep Date: **06/14/2007 11:56**
Cal Date: **06/14/2007 11:52**
Run Date: **06/14/2007 11:56**
File ID: **SC070614001.014**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Alkalinity, Total		**43.0**	**J**	**50.0**	**25.0**

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

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085590

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242538**
Collect Date: **06/11/2007 13:45**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **310.2**
Analytical Method: **310.2**
Analyst: **DIH**
Dilution: **5**
Units: **mg/L**

Instrument: **SMARTCHEM**
Prep Date: **06/14/2007 11:57**
Cal Date: **06/14/2007 11:52**
Run Date: **06/14/2007 11:57**
File ID: **SC070614001.015**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Alkalinity, Total		**508**		**50.0**	**25.0**

2.2.3.2 QC Summary Data

Example Alkalinity (Colormetric) Calculations

(absorbance - intercept)/(slope * dilution) = mg/L

where:

absorbance = reading from the spectrophotometer
intercept = calculated from calibration standard absorbencies
slope = calculated from calibration standard absorbencies
dilution = dilution of the distillate in decimal form (ex. 1/5 dilution = 0.2)

KEMRON Environmental Services
Data Checklist

Date: 14-JUN-2007
Analyst: DIH
Analyst: NA
Method: ALK
Instrument: SC
Curve Workgroup: NA
Runlog ID:
Analytical Workgroups: WG242622 WG242538

Calibration/Linearity	6/14/2007
Second Source Check	X
ICV/CCV (std)	X
ICB/CCB	X
Blank	X
LCS/LCS Dup	X
MS/MSD	X
Duplicate	X
Upload Results	X
Client Forms	X
QC Violation Sheet	
Case Narratives	X
Signed Raw Data	X
STD/LCS on benchsheet	X
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	DIH
Secondary Reviewer	DR
Comments	

Primary Reviewer:
16-JUN-2007
Donna Olsson

Secondary Reviewer:
20-JUN-2007
Jeanna Roberts

Generated: JUN-20-2007 21:30:40

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 310.2 AAB#: WG242538
Login Number: L0706260

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
16WW36	06/11/07	06/12/07	06/14/07	14	2.93	06/14/07	14	2.93	
16WW12	06/11/07	06/12/07	06/14/07	14	2.98	06/14/07	14	2.98	
16WW26	06/11/07	06/12/07	06/14/07	14	2.95	06/14/07	14	2.95	
16WW25	06/11/07	06/12/07	06/14/07	14	3.12	06/14/07	14	3.12	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 793402
Report generated 06/16/2007 11:27

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG242538
Blank File ID: SC070614001.009
Blank Sample ID: WG242538-01
Prep Date: 06/14/07 11:53
Instrument ID: SMARTCHEM
Analyzed Date: 06/14/07 11:53
Method: 310.2
Analyst: DIH

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242538-02	SC070614001.010	06/14/07 11:54	01
LCS2	WG242538-03	SC070614001.011	06/14/07 11:54	01
16WW25	L0706260-01	SC070614001.012	06/14/07 11:55	DL01
16WW12	L0706260-02	SC070614001.013	06/14/07 11:56	DL01
16WW26	L0706260-03	SC070614001.014	06/14/07 11:56	DL01
16WW36	L0706260-04	SC070614001.015	06/14/07 11:57	DL01
DUP	WG242538-05	SC070614001.036	06/14/07 12:10	01

KEMRON FORMS - Modified 01/31/2007
Version 1.5 PDF File ID: 793403
Report generated 06/16/2007 11:27

METHOD BLANK REPORT

Login Number: L0706260 Prep Date: 06/14/07 11:53 Sample ID: WG242538-01
Instrument ID: SMARTCHEM Run Date: 06/14/07 11:53 Prep Method: 310.2
File ID: SC070614001.009 Analyst: DIH Method: 310.2
Workgroup (AAB#): WG242538 Matrix: Water Units: mg/L
Contract #: DACA56-94-D-0020 Cal ID: SMARTC-14-JUN-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Alkalinity, Total	5.00	10.0	5.00	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 793404
Report generated 06/16/2007 11:27

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706260 Analyst:DIH Prep Method:310.2
Instrument ID:SMARTCHEM Matrix:Water Method:310.2
Workgroup (AAB#):WG242538 Units:mg/L
Sample ID:WG242538-02 LCS File ID:SC070614001.010 Run Date:06/14/2007 11:54
Sample ID:WG242538-03 LCS2 File ID:SC070614001.011 Run Date:06/14/2007 11:54

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Alkalinity, Total	200	210	105	200	209	104	0.442	85 - 115	25	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 793405
Report generated 06/16/2007 11:27

2.2.3.3 Raw Data

KEMRON ENVIRONMENTAL SERVICES

WORKGROUP: WG242538

SMARTCHEM RUN LOG

242622

Daily Check

- [x] Lamp On
- [x] Probe Rinse Full
- [x] DI Water > ½ Full
- [x] Wash Solution > ½ Full
- [ ] NO3 Reagent bottle connected / purged
- [ ] NO3 pH adj to pH 5-9
- [x] WBL Run
- [x] Reagents Full
- [x] Dilution H_2O Full
- [x] Waste Container Check

1) **Workgroup** 242538
   Plan # 20070614001
2) **Workgroup** _____
   Plan # _____
3) **Workgroup** 242622
   Plan # 20070614002

	Analyte	1	2	3
		ALK		
User Prepared Curve				
SC Prepared Curve				
Position				
1-1	ICV 250			
1-2	BLK			
1-3	LCS 200			
1-4	LCSDUP			
1-5	06-360-01	1/5		Color
1-6	360-02	1/5		↓
1-7	03	1/5		
1-8	04	1/5		
1-9	06-281-02	1/4		color
1-10	03	1/4		↓
1-11	05	1/4		
1-12	06	1/4		
1-13	06-285-01			
1-14	02			
1-15	03			
1-16	04			
1-17	06-306-01			
1-18	03			
1-19	05			
1-20	07			
1-21	06-310-01			
1-22	02			
2-1	03			
2-2	04			
2-3	DUP ↓			

Position	Analyte	1	2	3
	Run 2			
2-4 1	ICV			
2-5 2	BLK			
2-6 3	LCS			
2-7 4	LCSDUP		* replaced w/ a BLK	
2-8 5	06-331-03			
2-9 6	04			
2-10 7	05			
2-11 8	06			
2-12 9	07			
2-13 10	08			
2-14 11	06-330-02			
2-15 12	03			
2-16 13	04			
2-17 14	DUP ↓			
2-18 15				
2-19 16				
2-20				
2-21				
2-22				
2-23				
2-24				
2-25				
2-26				
3-1				
3-2				

NOTES:
* Run NO2 std on NO3 runs
* LCS/LCS Dup all parameters
* MS/MSD (NO3, TKN, NH3)

DCN#69706

Approved: June 20, 2007

KEMRON ENVIRONMENTAL SERVICES

WORKGROUP: WG242538

SMARTCHEM RUN LOG

Analyte		1	2	3
Position				
3-3				
3-4				
3-5				
3-6				
3-7				
3-8				
3-9				
3-10				
3-11				
3-12				
3-13				
3-14				
3-15				

Analyte		1	2	3
Position				
3-16				
3-17				
3-18				
3-19				
3-20				
3-21				
3-22				
3-23				
3-24				
3-25				
3-26				
3-27				
3-28				

☐ Chloride	EPA 325.2/SM 4500-Cl⁻ E	☐ Ammonia	EPA 350.1/SM 4500-NH3 B
☐ Sulfate	EPA 375.4	☐ TKN	EPA 351.2
☑ Alkalinity	EPA 310.2	☐ Phos	EPA 365.4
☐ Nitrate-Nitrite	EPA 353.2/SM 4500-NO3 F		

Analyte	ALK		
SOP & Revision	IK 3102		
Curve Stock (SC made)	std 17115		
Curve ID (user made)			
ICV	std 19946		
CCV	std 19887		
LCS	std 19947		
MS	Dilution N/A		

Comments: _____

Analyst: Joanna Roberts Date: 6/14/07

DCN#69706

Joanna Roberts

Approved: June 20, 2007

KEMRON ENVIRONMENTAL
SMARTCHEM REPORT
UNITS: MG/L

Method : WALK - EPA 310.2 Alkalinity

Smp#/[Dil Fact]	Sample ID	Conc	OD	%Recovery/RPD	Flag	Analysis Time
DIL-1	RBL	0.00	0.2687	0.00		11:47:04 AM
DIL-1	RBL	0.00	0.2719	0.00		11:47:22 AM
DIL-1	RBL	0.00	0.2709	0.00		11:48:34 AM
DIL-1	Std-1	0.00	0.0002	0.00	INV	11:48:53 AM
SR5-1	Std-2	10.00	-0.0070	0.00		11:49:46 AM
SR5-2	Std-3	20.00	-0.0103	0.00		11:50:04 AM
SR5-3	Std-4	50.00	-0.0343	0.00		11:50:58 AM
SR5-4	Std-5	100.00	-0.0651	0.00		11:51:16 AM
SR5-5	Std-6	200.00	-0.1424	0.00		11:52:11 AM
SR5-6	Std-7	300.00	-0.1859	0.00		11:52:28 AM
1	ICV 250	256.30	-0.1668	0.00		11:53:23 AM
2	WG242538-01 BLANK	1.05	-0.0012	0.00		11:53:41 AM
3	WG242538-02 LCS	209.59	-0.1365	0.00		11:54:35 AM
4	WG242538-03 LCSDUP	208.67	-0.1359	0.00		11:54:53 AM
5	L0706260-01 (5)	18.01	-0.0122	0.00		11:55:47 AM
6	L0706260-02 (5)	50.99	-0.0336	0.00		11:56:05 AM
7	L0706260-03 (5)	8.60	-0.0061	0.00		11:56:59 AM
8	L0706260-04 (5)	101.55	-0.0664	0.00		11:57:17 AM
9	L0706281-02 (4)	120.35	-0.0786	0.00		11:58:11 AM
10	L0706281-03 (4)	169.06	-0.1102	0.00		11:58:29 AM
ST-2	CCV1 (200 mg/L)	217.61	-0.1417	108.80		11:59:23 AM
ST-3	CCB (0 mg/L)	1.21	-0.0013	0.00		11:59:41 AM
11	L0706281-05 (4)	146.25	-0.0954	0.00		12:00:35 PM
12	L0706281-06 (4)	141.16	-0.0921	0.00		12:00:53 PM
13	L0706285-01	54.54	-0.0359	0.00		12:01:46 PM
14	L0706285-02	57.00	-0.0375	0.00		12:02:05 PM
15	L0706285-03	20.63	-0.0139	0.00		12:02:58 PM
16	L0706285-04	62.71	-0.0412	0.00		12:03:16 PM
17	L0706306-01	44.52	-0.0294	0.00		12:04:10 PM
18	L0706306-03	123.13	-0.0804	0.00		12:04:28 PM
19	L0706306-05	312.55X	-0.2033	0.00	><,LH	12:05:22 PM
20	L0706306-07	269.40	-0.1753	0.00		12:05:40 PM

Report Date :06/14/2007 **Run Date :6/14/2007** **Operator : WESTCO** **Plan # :20070614001**

Plan Description : ALK-A-DIH/6/14/2007

Approved: June 20, 2007

KEMRON ENVIRONMENTAL
SMARTCHEM REPORT
UNITS: MG/L

Method : WALK - EPA 310.2 Alkalinity

Smp#/[Dil Fact]	Sample ID	Conc	OD	%Recovery/RPD	Flag	Analysis Time
ST-2	CCV1 (200 mg/L)	216.68	-0.1411	108.34		12:06:35 PM
ST-3	CCB (0 mg/L)	7.22	-0.0052	0.00		12:06:52 PM
21	L0706310-01	60.24	-0.0396	0.00		12:07:47 PM
22	L0706310-02	5.06	-0.0038	0.00		12:08:04 PM
23	L0706310-03	-16.83	0.0104	0.00	INV,><,LL	12:08:59 PM
24	L0706310-04 DS	9.53	-0.0067	0.00		12:09:17 PM
25	WG242538-04 DUP	5.37	-0.0040	0.00		12:10:11 PM
26	ID 26	7.37	-0.0053	0.00		12:10:29 PM
ST-2	CCV1 (200 mg/L)	217.61	-0.1417	108.80		12:11:22 PM
ST-3	CCB (0 mg/L)	8.14	-0.0058	0.00		12:11:41 PM
19-[1/2]	L0706306-05	456.49	-0.1486	0.00	LH	12:23:51 PM
ST-2	CCV1 (200 mg/L)	218.38	-0.1422	109.19		12:23:51 PM
ST-3	CCB (0 mg/L)	13.07	-0.0090	0.00		12:24:45 PM

Report Date :06/14/2007 **Run Date :6/14/2007** **Operator : WESTCO** **Plan # :20070614001**

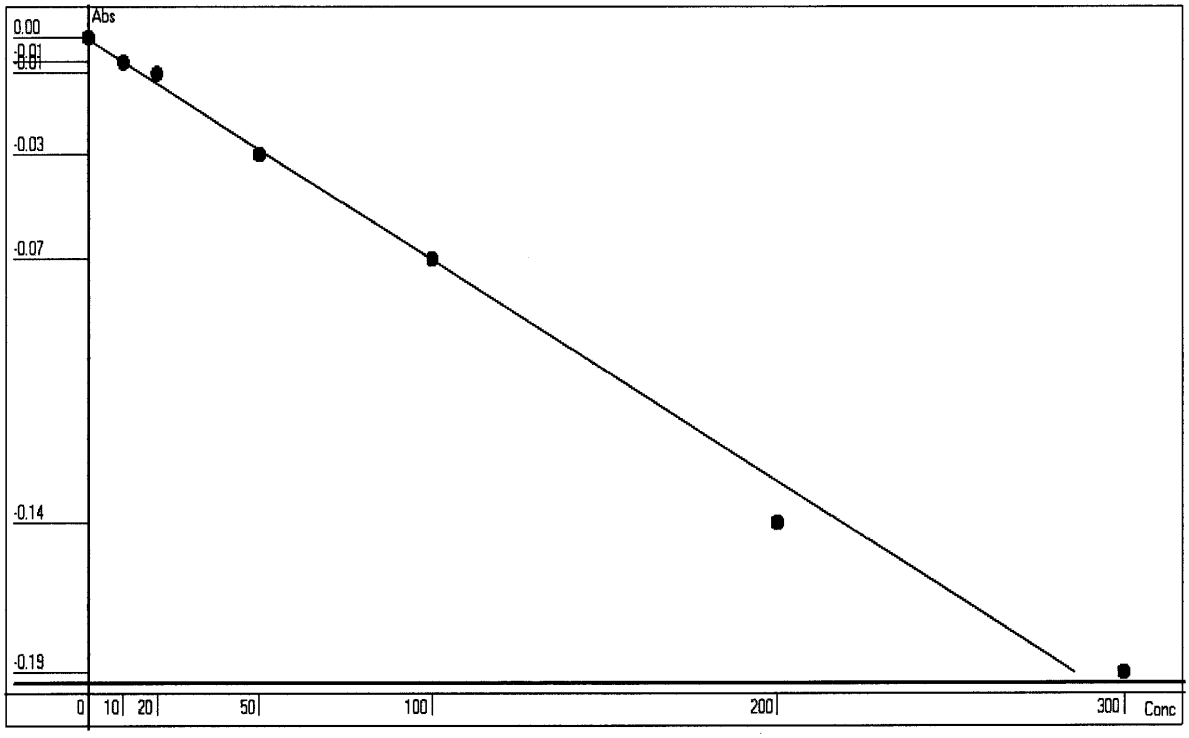
Plan Description : ALK-A-DIH/6/14/2007

Approved: June 20, 2007

Calibrant Report - WALK -

Calib Lot #:010104 Exp Date:1/1/2010 User:KEMRON

Plan # : 20070614001 Description : [ALK-A-DIH/6/14/2007]



Point	OD	Conc	Recalc Conc	% Error
1	0.0002	0	-1.1058	-110.58
2	-0.0070	10	9.9918	-0.08
3	-0.0103	20	15.0782	-24.61
4	-0.0343	50	52.0700	4.14
5	-0.0651	100	99.5429	-0.46
6	-0.1424	200	218.6875	9.34
7	-0.1859	300	285.7352	-4.75

Conc= -1541.327*Abso -0.7975 R^2=0.9924

RBL
0.2714
0

Report Date 6/14/2007 Run Date 6/14/2007

Approved: June 20, 2007

KEMRON ENVIRONMENTAL
SMARTCHEM REPORT
UNITS: MG/L

Method : WALK - EPA 310.2 Alkalinity

Smp#/[Dil Fact]	Sample ID	Conc	OD	%Recovery/RPD	Flag	Analysis Time
DIL-1	RBL	0.00	0.2676	0.00		1:07:14 PM
DIL-1	RBL	0.00	0.2680	0.00		1:07:32 PM
DIL-1	RBL	0.00	0.2655	0.00		1:08:44 PM
DIL-1	Std-1	0.00	0.0012	0.00	INV	1:09:02 PM
SR5-1	Std-2	10.00	-0.0042	0.00		1:09:56 PM
SR5-2	Std-3	20.00	-0.0102	0.00		1:10:14 PM
SR5-3	Std-4	50.00	-0.0343	0.00		1:11:08 PM
SR5-4	Std-5	100.00	-0.0687	0.00		1:11:26 PM
SR5-5	Std-6	200.00	-0.1446	0.00		1:12:20 PM
SR5-6	Std-7	300.00	-0.1926	0.00		1:12:38 PM
1	ICV 250	249.32	-0.1672	0.00		1:13:32 PM
2	WG242622-01 BLANK	5.37	-0.0030	0.00		1:13:50 PM
3	WG242622-02 LCS	203.26	-0.1362	0.00		1:14:44 PM
4	WG242622-03 LCSDUP	-8.30	0.0062	0.00	INV,><,LL	1:15:02 PM
5	L0706331-03	1.51	-0.0004	0.00		1:15:56 PM
6	L0706331-04	-0.57	0.0010	0.00	INV,LL	1:16:14 PM
7	L0706331-05	-2.65	0.0024	0.00	INV,><,LL	1:17:08 PM
8	L0706331-06	62.87	-0.0417	0.00		1:17:26 PM
9	L0706331-07	7.30	-0.0043	0.00		1:18:20 PM
10	L0706331-08	6.86	-0.0040	0.00		1:18:38 PM
ST-2	CCV1 (200 mg/L)	210.54	-0.1411	105.27		1:19:32 PM
ST-3	CCB (0 mg/L)	-6.96	0.0053	0.00	INV,><,LL	1:19:50 PM
11	L0706330-02	180.23	-0.1207	0.00		1:20:44 PM
12	L0706330-03	6.71	-0.0039	0.00		1:21:02 PM
13	L0706330-04	3.14	-0.0015	0.00		1:21:56 PM
14	WG242622-05 DUP	7.90	-0.0047	0.00		1:22:14 PM
15	ID 15	-6.96	0.0053	0.00	INV,><,LL	1:23:08 PM
16	ID 16	7.60	-0.0045	0.00		1:23:26 PM
ST-2	CCV1 (200 mg/L)	214.85	-0.1440	107.42		1:24:20 PM
ST-3	CCB (0 mg/L)	-4.73	0.0038	0.00	INV,><,LL	1:24:38 PM

Report Date :06/14/2007 **Run Date :6/14/2007** **Operator : WESTCO** **Plan # :20070614002**

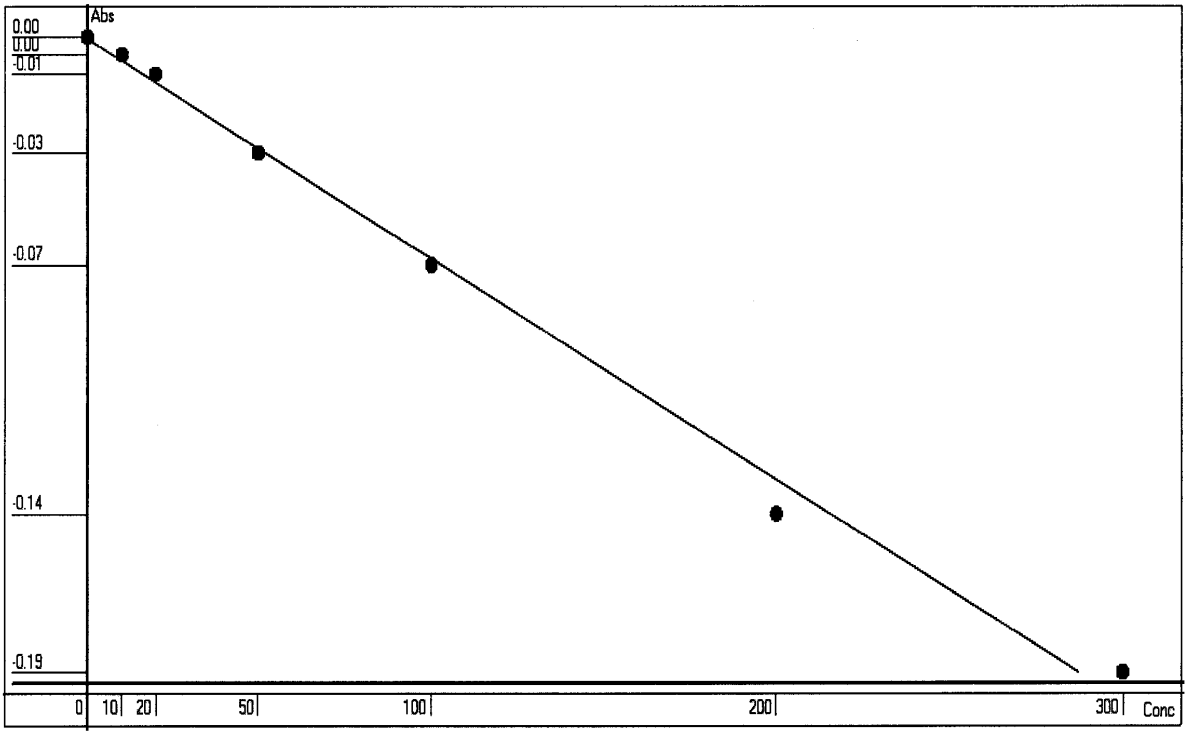
Plan Description : ALK-B-DIH/6/14/2007

Approved: June 20, 2007

Calibrant Report - WALK -

Calib Lot #:010104 Exp Date:1/1/2010 User:KEMRON

Plan # : 20070614002 Description : [ALK-B-DIH/6/14/2007]



Point	OD	Conc	Recalc Conc	% Error
1	0.0012	0	-0.8675	-86.75
2	-0.0042	10	7.1550	-28.45
3	-0.0102	20	16.0689	-19.66
4	-0.0343	50	51.8731	3.75
5	-0.0687	100	102.9794	2.98
6	-0.1446	200	215.7401	7.87
7	-0.1926	300	287.0513	-4.32

Conc= -1485.649*Abso +0.9153 R^2=0.9941

RBL
0.2678
0

Report Date 6/14/2007 Run Date 6/14/2007

Approved: June 20, 2007

2.2.4 Sulfide Data

2.2.4.1 Summary Data

LABORATORY REPORT

00085608

L0706260

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW25	L0706260-01	376.1	1	12-JUN-07
16WW12	L0706260-02	376.1	1	12-JUN-07
16WW26	L0706260-03	376.1	1	12-JUN-07
16WW36	L0706260-04	376.1	1	12-JUN-07

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085609

Sample Number: **L0706260-01**
Client ID: **16WW25**
Matrix: **Water**
Workgroup Number: **WG242602**
Collect Date: **06/11/2007 09:00**

PrePrep Method: **NONE**
Prep Method: **376.1**
Analytical Method: **376.1**
Analyst: **TMB**
Dilution: **1**
Units: **mg/L**

Instrument: **BURET**
Prep Date: **06/14/2007 11:00**
Cal Date:
Run Date: **06/14/2007 11:00**
File ID: **ET.0706141100-04**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Sulfide	**18496-25-8**		**U**	**1.00**	**0.500**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085610

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242602**
Collect Date: **06/11/2007 12:25**

PrePrep Method: **NONE**
Prep Method: **376.1**
Analytical Method: **376.1**
Analyst: **TMB**
Dilution: **1**
Units: **mg/L**

Instrument: **BURET**
Prep Date: **06/14/2007 11:00**
Cal Date:
Run Date: **06/14/2007 11:00**
File ID: **ET.0706141100-05**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Sulfide	**18496-25-8**		**U**	**1.00**	**0.500**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085611

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242602**
Collect Date: **06/11/2007 13:15**

PrePrep Method: **NONE**
Prep Method: **376.1**
Analytical Method: **376.1**
Analyst: **TMB**
Dilution: **1**
Units: **mg/L**

Instrument: **BURET**
Prep Date: **06/14/2007 11:00**
Cal Date:
Run Date: **06/14/2007 11:00**
File ID: **ET.0706141100-06**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Sulfide	**18496-25-8**		**U**	**1.00**	**0.500**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085612

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242602**
Collect Date: **06/11/2007 13:45**

PrePrep Method: **NONE**
Prep Method: **376.1**
Analytical Method: **376.1**
Analyst: **TMB**
Dilution: **1**
Units: **mg/L**

Instrument: **BURET**
Prep Date: **06/14/2007 11:00**
Cal Date:
Run Date: **06/14/2007 11:00**
File ID: **ET.0706141100-07**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Sulfide	**18496-25-8**		**U**	**1.00**	**0.500**

U Not detected at or above adjusted sample detection limit

2.2.4.2 QC Summary Data

Example Total Sulfide(Liquid) Calculations

[mL Iodine * N Iodide) - (mL titrant * N titrant)] * 16000/(volume * dilution) = mg/L Sulfide

where:

mL Iodine = mL of Iodine used
N Iodine = normality of Iodine
mL titrant = mL of titrant used
N titrant = normality of titrant
16000 = factor: 1mL of 0.025 N iodine reacts with 0.4mg sulfide
volume = mL filtered of mL titrated(if not filtered)
dilution = dilution in decimal form (1/5 = 0.2)

Example Total Sulfide(Soil) Calculations

[(mL Iodine * N Iodine) - (mL titrant * N titrant)] * 16.03/weight = mg/kg sulfide

where:

mL Iodine = mL of Iodine used
N Iodine = normality of Iodine
mL titrant = normality of titrant
16.03 = 32.06 grams per 2 equivalents
weight = kg of sample used

KEMRON Environmental Services
Data Checklist

Date: 14-JUN-2007
Analyst: TMB
Analyst: NA
Method: SULFIDE
Instrument: BURET
Curve Workgroup: NA
Runlog ID:
Analytical Workgroups: WG242602

Calibration/Linearity	X
Second Source Check	
ICV/CCV (std)	
ICB/CCB	
Blank	X
LCS/LCS Dup	X
MS/MSD	
Duplicate	
Upload Results	X
Client Forms	X
QC Violation Sheet	
Case Narratives	
Signed Raw Data	X
STD/LCS on benchsheet	X
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	
Primary Reviewer	TMB
Secondary Reviewer	DIH
Comments	

Primary Reviewer:
14-JUN-2007
Tiffany Bailey

Secondary Reviewer:
15-JUN-2007
Deanna Hesson

Generated: JUN-15-2007 16:43:44

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 376.1 **AAB#:** WG242602
Login Number: L0706260

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
16WW26	06/11/07	06/12/07	06/14/07	7	2.91	06/14/07	7	2.91	
16WW12	06/11/07	06/12/07	06/14/07	7	2.94	06/14/07	7	2.94	
16WW25	06/11/07	06/12/07	06/14/07	7	3.08	06/14/07	7	3.08	
16WW36	06/11/07	06/12/07	06/14/07	7	2.89	06/14/07	7	2.89	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**
***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 793151
Report generated 06/15/2007 16:37

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG242602
Blank File ID: ET.0706141100-01
Blank Sample ID: WG242602-01
Prep Date: 06/14/07 11:00
Instrument ID: BURET
Analyzed Date: 06/14/07 11:00
Method: 376.1
Analyst: TMB

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242602-02	ET.0706141100-02	06/14/07 11:00	
LCS2	WG242602-03	ET.0706141100-03	06/14/07 11:00	
16WW25	L0706260-01	ET.0706141100-04	06/14/07 11:00	
16WW12	L0706260-02	ET.0706141100-05	06/14/07 11:00	
16WW26	L0706260-03	ET.0706141100-06	06/14/07 11:00	
16WW36	L0706260-04	ET.0706141100-07	06/14/07 11:00	

KEMRON Environmental Services

METHOD BLANK REPORT

00085618

Login Number: L0706260 Prep Date: 06/14/07 11:00 Sample ID: WG242602-01
Instrument ID: BURET Run Date: 06/14/07 11:00 Prep Method: 376.1
File ID: ET.0706141100-01 Analyst: TMB Method: 376.1
Workgroup (AAB#): WG242602 Matrix: Water Units: mg/L
Contract #: DACA56-94-D-0020 Cal ID: BURET-

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Sulfide	0.500	1.00	0.500	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 793153
Report generated 06/15/2007 16:37

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706260 Analyst: TMB Prep Method: 376.1
Instrument ID: BURET Matrix: Water Method: 376.1
Workgroup (AAB#): WG242602 Units: mg/L
Sample ID: WG242602-02 LCS File ID: ET.0706141100-02 Run Date: 06/14/2007 11:00
Sample ID: WG242602-03 LCS2 File ID: ET.0706141100-03 Run Date: 06/14/2007 11:00

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Sulfide	19.1	18.4	96.2	19.1	18.2	95.1	1.10	85 - 115	10	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 793154
Report generated 06/15/2007 16:37

2.2.4.3 Raw Data

WORKGROUP: WG242602

SULFIDE

☑ EPA 376.1 / SM4500-S(-2)-F
SOP 3761 Revision #: 12

☐ Other
LCS: STD20037

Instrument: Buret

Iodine standardization (0.025N and 0.1N)

mL 0.025N titrant: 10.0
Volume I: 10.0 mL
Normality I: 0.0253

mL 0.025 N titrant: 8.1
Volume I: 2.0 mL
Normality I: 0.1025

Stock standardization (in duplicate) 10 mL stock

mL I 1) 10 2) 10
N I 1) 0.1025 2) 0.1025
mL 0.025 titrant 1) 27 2) 27

547 = stock conc (mg/L)

LCS daily dilution: 7(547)/200 = 19.15 mg/L

SAMPLE	Volume Filtered mL	mL Iodine	N Iodine	0.0253N Sodium Thiosulfate
BLANK	200	15	0.0253	14.9
LCS (19.15 mL)	↓	↓	↓	5.9
LCSDUP (19.15 mL)	↓	↓	↓	6.0
06-260-01	500	↓	↓	15.5
02	530	↓	↓	15.2
03	540	↓	↓	15.5
04	530	↓	↓	15.5
06-285-01	530	↓	↓	17.0
02	520	↓	↓	16.0
03	530	↓	↓	15.4
04	500	↓	↓	16.0

Analyst: Tiffany Bailey Date/Time: 6/14/07 @ 1100

DCN#69712

Approved: June 15, 2007

KEMRON ENVIRONMENTAL SERVICES
TITRAMETRIC REPORT

Workgroup (AAB#): WG242602
Product: 376.1
Analyte: Sulfide

Analyst: TMB
Run Date: 06/14/2007 11:00

SAMPLE NUMBER	Volume	Vol I	Nor I	Vol T	Nor T	Dil	Analytical	Reported	Units
WG242602-01	200.0	15	.0253	14.9	.0253	1	0.202	0.2024	mg/L
WG242602-02	200.0	15	.0253	5.9	.0253	1	18.4	18.42	mg/L
WG242602-03	200.0	15	.0253	6	.0253	1	18.2	18.22	mg/L
L0706260-01	500.0	15	.0253	15.5	.0253	1	-0.405	ND	mg/L
L0706260-02	530.0	15	.0253	15.2	.0253	1	-0.153	ND	mg/L
L0706260-03	540.0	15	.0253	15.5	.0253	1	-0.375	ND	mg/L
L0706260-04	530.0	15	.0253	15.5	.0253	1	-0.382	ND	mg/L
L0706285-01	530.0	15	.0253	17	.0253	1	-1.53	ND	mg/L
L0706285-02	520.0	15	.0253	16	.0253	1	-0.778	ND	mg/L
L0706285-03	530.0	15	.0253	15.4	.0253	1	-0.306	ND	mg/L
L0706285-04	500.0	15	.0253	16	.0253	1	-0.810	ND	mg/L

KEMRON FORMS - Modified 08/27/2004
Version 1.0
Report generated 06/14/2007 15:29

Approved: June 15, 2007

2.2.5 Total Organic Carbon Data

2.2.5.1 Summary Data

LABORATORY REPORT

00085625

L0706260

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW25	L0706260-01	415.1	10	12-JUN-07
16WW12	L0706260-02	415.1	10	12-JUN-07
16WW26	L0706260-03	415.1	1	12-JUN-07
16WW36	L0706260-04	415.1	1	12-JUN-07

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085626

Sample Number: **L0706260-01**
Client ID: **16WW25**
Matrix: **Water**
Workgroup Number: **WG242441**
Collect Date: **06/11/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **415.1**
Analytical Method: **415.1**
Analyst: **DIH**
Dilution: **10**
Units: **mg/L**

Instrument: **TOC-VWP**
Prep Date: **06/13/2007 14:44**
Cal Date: **02/26/2007 11:40**
Run Date: **06/13/2007 14:44**
File ID: **TC06-13-2007.22**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Total Organic Carbon		**41.2**		**10.0**	**5.00**

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085627

Sample Number: **L0706260-02**
Client ID: **16WW12**
Matrix: **Water**
Workgroup Number: **WG242441**
Collect Date: **06/11/2007 12:25**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **415.1**
Analytical Method: **415.1**
Analyst: **DIH**
Dilution: **10**
Units: **mg/L**

Instrument: **TOC-VWP**
Prep Date: **06/13/2007 14:58**
Cal Date: **02/26/2007 11:40**
Run Date: **06/13/2007 14:58**
File ID: **TC06-13-2007.23**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Total Organic Carbon		7.99	J	10.0	5.00

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

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085628

Sample Number: **L0706260-03**
Client ID: **16WW26**
Matrix: **Water**
Workgroup Number: **WG242441**
Collect Date: **06/11/2007 13:15**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **415.1**
Analytical Method: **415.1**
Analyst: **DIH**
Dilution: **1**
Units: **mg/L**

Instrument: **TOC-VWP**
Prep Date: **06/13/2007 15:11**
Cal Date: **02/26/2007 11:40**
Run Date: **06/13/2007 15:11**
File ID: **TC06-13-2007.24**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Total Organic Carbon		0.860	J	1.00	0.500

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

Report Number: **L0706260**
Report Date : **June 25, 2007**

00085629

Sample Number: **L0706260-04**
Client ID: **16WW36**
Matrix: **Water**
Workgroup Number: **WG242441**
Collect Date: **06/11/2007 13:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **415.1**
Analytical Method: **415.1**
Analyst: **DIH**
Dilution: **1**
Units: **mg/L**

Instrument: **TOC-VWP**
Prep Date: **06/13/2007 15:27**
Cal Date: **02/26/2007 11:40**
Run Date: **06/13/2007 15:27**
File ID: **TC06-13-2007.25**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Total Organic Carbon		**3.43**		**1.00**	**0.500**

2.2.5.2 QC Summary Data

Total Organic Carbon Example Calculations
(Direct Readout Parameter)

(Readout)/(dilution) = mg/L

where:

Readout = direct readout from the instrument
dilution = dilution in decimal form (ex. 1/5 dilution = 0.2)

KEMRON Environmental Services
Data Checklist

Date: 13-JUN-2007
Analyst: DIH
Analyst: NA
Method: TOC
Instrument: TOC
Curve Workgroup: NA
Runlog ID:
Analytical Workgroups: WG242442 WG242441

Calibration/Linearity	2/26/2007
Second Source Check	X
ICV/CCV (std)	X
ICB/CCB	X
Blank	X
LCS/LCS Dup	X
MS/MSD	X
Duplicate	X
Upload Results	X
Client Forms	X
QC Violation Sheet	X
Case Narratives	X
Signed Raw Data	X
STD/LCS on benchsheet	X
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	DIH
Secondary Reviewer	DR
Comments	

Primary Reviewer:
15-JUN-2007
Dianna Hesson

Secondary Reviewer:
20-JUN-2007
Deanna Roberts

Generated: JUN-20-2007 21:28:05

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 415.1 AAB#: WG242441
Login Number: L0706260

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
16WW36	06/11/07	06/12/07	06/13/07	28	2.07	06/13/07	28	2.07	
16WW12	06/11/07	06/12/07	06/13/07	28	2.11	06/13/07	28	2.11	
16WW26	06/11/07	06/12/07	06/13/07	28	2.08	06/13/07	28	2.08	
16WW25	06/11/07	06/12/07	06/13/07	28	2.24	06/13/07	28	2.24	

* EXT = SEE PROJECT QAPP REQUIREMENTS
*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 791229
Report generated 06/14/2007 11:42

METHOD BLANK SUMMARY

Login Number: L0706260
Work Group: WG242441
Blank File ID: TC06-13-2007.04
Blank Sample ID: WG242441-01
Prep Date: 06/13/07 09:59
Instrument ID: TOC-VWP
Analyzed Date: 06/13/07 09:59
Method: 415.1
Analyst: DIH

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242441-02	TC06-13-2007.05	06/13/07 10:15	01
LCS2	WG242441-03	TC06-13-2007.06	06/13/07 10:30	01
DUP	WG242441-05	TC06-13-2007.14	06/13/07 12:46	01
16WW25	L0706260-01	TC06-13-2007.22	06/13/07 14:44	DL01
16WW12	L0706260-02	TC06-13-2007.23	06/13/07 14:58	DL01
16WW26	L0706260-03	TC06-13-2007.24	06/13/07 15:11	01
16WW36	L0706260-04	TC06-13-2007.25	06/13/07 15:27	01

KEMRON FORMS - Modified 01/31/2007
Version 1.5 PDF File ID: 791230
Report generated 06/14/2007 11:42

METHOD BLANK REPORT

Login Number: L0706260 Prep Date: 06/13/07 09:59 Sample ID: WG242441-01
Instrument ID: TOC-VWP Run Date: 06/13/07 09:59 Prep Method: 415.1
File ID: TC06-13-2007.04 Analyst: DIH Method: 415.1
Workgroup (AAB#): WG242441 Matrix: Water Units: mg/L
Contract #: DACA56-94-D-0020 Cal ID: TOC-VW-26-FEB-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Total Organic Carbon	0.500	1.00	0.554	1	J

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 791231
Report generated 06/14/2007 11:42

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706260 Analyst: DIH Prep Method: 415.1
Instrument ID: TOC-VWP Matrix: Water Method: 415.1
Workgroup (AAB#): WG242441 Units: mg/L
Sample ID: WG242441-02 LCS File ID: TC06-13-2007.05 Run Date: 06/13/2007 10:15
Sample ID: WG242441-03 LCS2 File ID: TC06-13-2007.06 Run Date: 06/13/2007 10:30

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Total Organic Carbon	25.0	24.1	96.2	25.0	26.8	107	10.9	85 - 115	15	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 791232
Report generated 06/14/2007 11:42

2.2.5.3 Raw Data

TC/TIC Curves

KEMRON ENVIRONMENTAL SERVICES

Total Organic Carbon

MAKE DAILY

CCV (TOC): _____ $\left(\frac{10}{200}(1000) = 50\ mg/L\right)$ $\left(\frac{3}{200}(1000) = 10\ mg/L\right)$ see below

CCV (TIC): _____ $\left(\frac{5}{200}(1000) = 25\ mg/L\right)$

LCS (TOC): _____ $\left(\frac{5}{200}(1000) = 25\ mg/L\right)$

MS (TOC): _____

Calibration Curve Date: _____

SOP: K 4151 Rev. 11

Instrument: Shimadza TOC-VWP/ASI

☑ EPA 415.1 TOC / TOC-4 / TOC-D / TOCLOW
☐ SW846 9060 TOC-14 / TOC-44

DAILY CHECK

☑ drain reservoir filled
☑ ASI water bottle full
☑ dilution water bottle full

☑ 3rd bottle full
☑ sufficient gas
☑ sufficient persulfate

☑ sufficient acid waste container

Position	Sample ID	Dilution
1	TC Curve	
2	TIC Curve	
3	TC ICV	
4	TIC ICV	
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Position	Sample ID	Dilution
26	curve std	
27	TC: STD 17809	
28	TIC: STD 16475	
29		
30		
31	ICV:	
32	TC STD 16885	
33	TIC STD 17080	
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		

Position	Sample ID	Dilution
51		
52	from SOP	
53	"	"
54		
55		
56		
57	5/200(1000)=25	
58	↓	↓
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		

Analyst: Deanna Roberts Date: 2/26/07 Time: _____

DCN#68372

Deanna Roberts

Approved: March 19, 2007

Instr.Information

System TOCVW ASI
Detector Wet Chemical

Cal. Curve

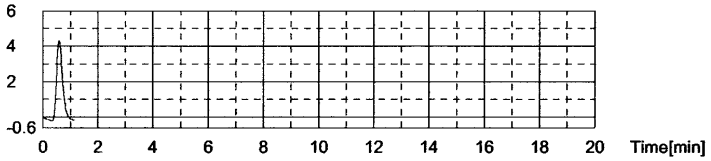
Sample Name: TC CURVE
Sample ID: Untitled
Cal. Curve: TCCURVE-02-26-2007.2007_02_26_10_12_35.cal
Status Completed

Type	Anal.
Standard	TC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	6.664	500uL	1	********		02/26/2007 10:16:35 AM

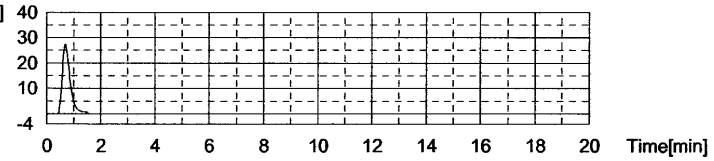
Acid Add. 0.000%
Mean Area 6.664



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	53.24	500uL	1	********		02/26/2007 10:23:07 AM

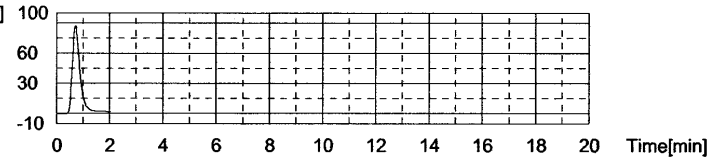
Acid Add. 0.000%
Mean Area 53.24



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	175.0	500uL	1	********		02/26/2007 10:30:22 AM

Acid Add. 0.000%
Mean Area 175.0

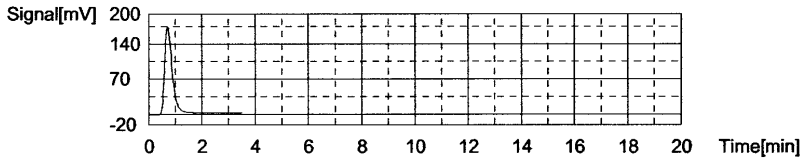


Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	369.9	500uL	1	********		02/26/2007 10:39:05 AM

Approved: March 19, 2007

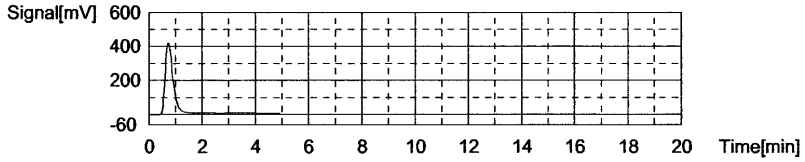
Acid Add. 0.000%
Mean Area 369.9



Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	965.1	500uL	1	T******		02/26/2007 10:49:12 AM

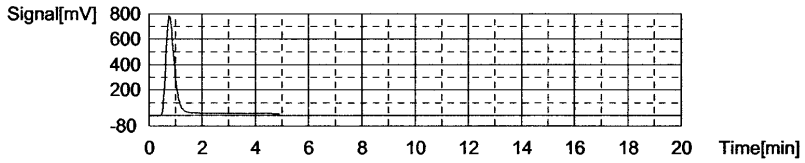
Acid Add. 0.000%
Mean Area 965.1



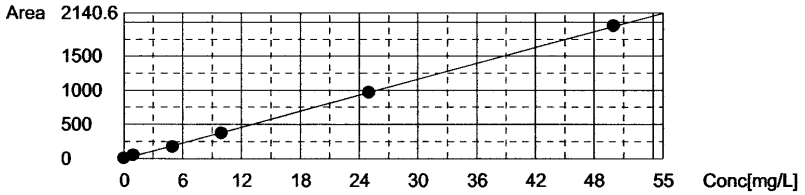
Conc: 50.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	1946	500uL	1	T******		02/26/2007 10:59:19 AM

Acid Add. 0.000%
Mean Area 1946



Slope: 38.88
Intercept -3.633
r^2 0.999663
Zero Shift No



Cal. Curve

Sample Name: TIC CURVE
Sample ID: Untitled
Cal. Curve: TICCURVE-02-26-2007.2007_02_26_10_59_19.cal
Status Completed

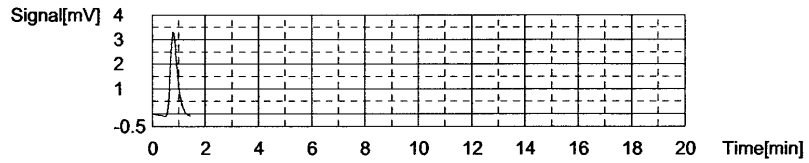
Type	Anal.
Standard	IC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	6.426	500uL	1	*******		02/26/2007 11:03:55 AM

Jeanna Roberts
Approved: March 19, 2007

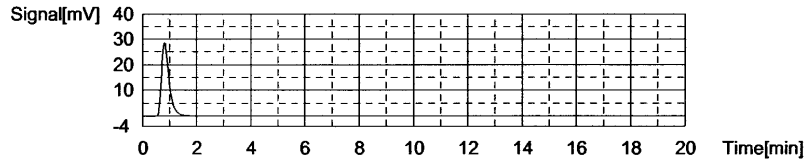
Acid Add. 10.00%
Mean Area 6.426



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	55.25	500uL	1	*******		02/26/2007 11:12:40 AM

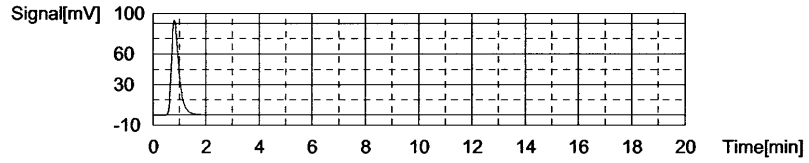
Acid Add. 10.00%
Mean Area 55.25



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	183.5	500uL	1	*******		02/26/2007 11:21:45 AM

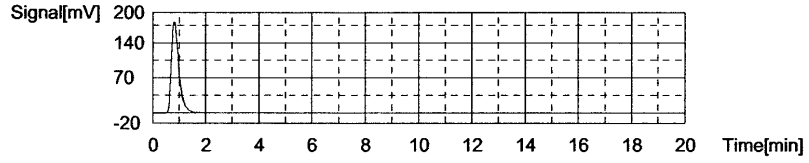
Acid Add. 10.00%
Mean Area 183.5



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	363.0	500uL	1	*******		02/26/2007 11:31:02 AM

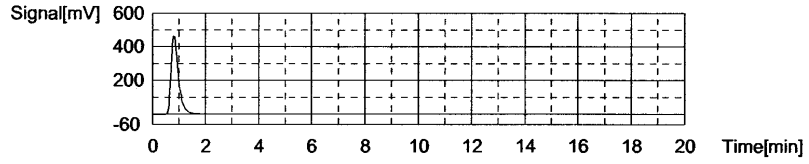
Acid Add. 10.00%
Mean Area 363.0



Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	909.5	500uL	1	*******		02/26/2007 11:40:45 AM

Acid Add. 10.00%
Mean Area 909.5

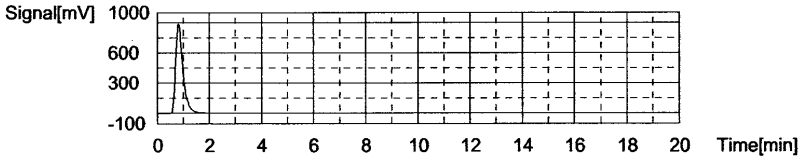


Conc: 50.00mg/L

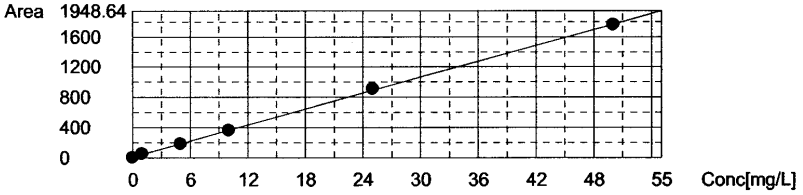
Approved: March 19, 2007

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	1764	500uL	1	********		02/26/2007 11:51:14 AM

Acid Add. 10.00%
Mean Area 1764



Slope: 35.15
Intercept 13.77
r^2 0.999794
Zero Shift No



Sample

Sample Name: TC ICV
Sample ID: Untitled
Origin: TCCURVE-02-26-2007.cal
Status Completed
Chk. Result

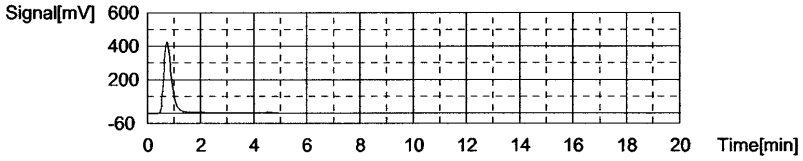
Type	Anal.	Dil.	Result
Unknown	TC	1.000	TC:23.83mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	922.8	23.83mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	02/26/2007 12:02:39 PM

Mean Area 922.8
Mean Conc. 23.83mg/L



Sample

Sample Name: TIC CURVE
Sample ID: Untitled
Origin: TICCURVE-02-26-2007.cal
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	IC	1.000	IC:23.43mg/L

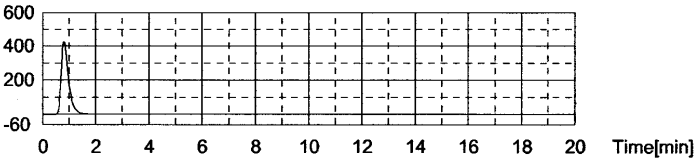
1. Det

Approved: March 19, 2007

Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	837.6	23.43mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	02/26/2007 12:10:52 PM

Mean Area 837.6
Mean Conc. 23.43mg/L



Approved: March 19, 2007

WORKGROUP: WG242441

242442

KEMRON ENVIRONMENTAL SERVICES

WG#: _____

Total Organic Carbon

MAKE DAILY

CCV (TOC): STD 19122 ($^{10}/_{200}$ (1000) = 50 mg/L) ($^{3}/_{200}$ (1000) = 10 mg/L)

CCV (TIC): std 19753 ($^{5}/_{200}$ (1000) = 25 mg/L)

LCS (TOC): ST018349 ($^{5}/_{200}$ (1000) = 25 mg/L)

MS (TOC): ~~0.44/40(1000)=10~~

Calibration Curve Date: 2/26/07

☑ EPA 415.1 / SM5310-C TOC / TOC-4 / TOC-D / TOCLOW
☐ SW846 9060 TOC-14 / TOC-44

SOP: K 4151 Rev. 11

Instrument: Shimadza TOC-VWP/ASI

DAILY CHECK

☑ drain reservoir filled
☑ ASI water bottle full
☑ dilution water bottle full
☑ 3rd bottle full
☑ sufficient gas
☑ sufficient persulfate
☑ sufficient acid
☑ waste container

Position	Sample ID	Dilution
1	CCV 50	
2	CCB V 10	
3	TIC 25	
4	BIK	
5	LCS 25	
6	LCS DUP	
7	06-075-03	
8	04	
9	05	
10	06	
11	07	
12	08	
13	09	
14	DUP 09	
15	CCV	
16	CCB	
17	MS 10	
18	MSD 11	
19	12	
20	06-148-02	1/2
21	03	1/2
22 *	06-260-01	1/10
23 *	02	1/10
24	03	
25	04	

Position	Sample ID	Dilution
26	06-104-01	1/3
27	CCV	
28	CCB	
29	06-104-02	
30	03	
31	04	
32	05	1/3
33	06	1/3
34	BIK	
35	LCS 25	
36	LCS DUP	
37	06-104-07	
38	08	
39	CCV	
40	CCB	
41	06-104-09	1/3
42	10	1/3
43	11	
44	12	
45	13	
46	06-147-03	
47	04	
48	05	
49	06-261-01	
50	02	

Position	Sample ID	Dilution
51	CCV	
52	CCB	
53	06-274-01	
54	02	
55	DUP 147-03	
56	MS ↓	
57	06-151-01	
58	02	
59	03	
60	04	
61	05	
62	06	1/3
63	CCV	
64	CCB	
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		

Analyst: Deanna Hosser Date: 6/13/07 Time: _____

* matrix/odor

DCN#69691

Deanna Roberts

Approved: June 20, 2007

	Analysi	Sample Name	Result	Status	Date / Time	Vial
1	TOC	CCV 50	!!Error!! TOC:48.50mg/L TC:48.22mg/L IC:-0.2758mg/L	Comp	06/13/2007 09:19:25 AM	1
2	TOC	CCV 10	!!Error!! TOC:9.744mg/L TC:9.464mg/L IC:-0.2801mg/L	Comp	06/13/2007 09:33:14 AM	2
3	TOC	TIC 25	TOC:1.072mg/L TC:24.94mg/L IC:23.87mg/L	Comp	06/13/2007 09:50:10 AM	3
4	TOC	WG242441-01 BLANK	!!Error!! TOC:0.5543mg/L TC:0.3342mg/L IC:-0.2202mg/	Comp	06/13/2007 09:59:39 AM	0
5	TOC	WG242441-02 LCS	!!Error!! TOC:24.05mg/L TC:23.78mg/L IC:-0.2715mg/L	Comp	06/13/2007 10:15:20 AM	5
6	TOC	WG242441-03 LCSDUP	!!Error!! TOC:26.83mg/L TC:26.56mg/L IC:-0.2682mg/L	Comp	06/13/2007 10:30:43 AM	6
7	TOC	L0706075-03	!!Error!! TOC:-1.786mg/L TC:59.44mg/L IC:61.22mg/L	Comp	06/13/2007 10:48:26 AM	7
8	TOC	L0706075-04	!!Error!! TOC:-1.807mg/L TC:59.10mg/L IC:60.91mg/L	Comp	06/13/2007 11:06:11 AM	8
9	TOC	L706075-05	!!Error!! TOC:-2.425mg/L TC:65.74mg/L IC:68.16mg/L	Comp	06/13/2007 11:23:51 AM	9
10	TOC	L0706075-06	!!Error!! TOC:-2.615mg/L TC:74.25mg/L IC:76.87mg/L	Comp	06/13/2007 11:41:27 AM	10
11	TOC	L0706075-07	!!Error!! TOC:-1.069mg/L TC:54.55mg/L IC:55.62mg/L	Comp	06/13/2007 11:58:56 AM	11
12	TOC	L0706075-08	TOC:0.4587mg/L TC:6.954mg/L IC:6.495mg/L	Comp	06/13/2007 12:12:13 PM	12
13	TOC	L0706075-09	TOC:1.282mg/L TC:35.03mg/L IC:33.74mg/L	Comp	06/13/2007 12:29:22 PM	13
14	TOC	WG242441-05 DUP	TOC:2.239mg/L TC:35.93mg/L IC:33.69mg/L	Comp	06/13/2007 12:46:40 PM	14
15	TOC	CCV	!!Error!! TOC:51.60mg/L TC:51.46mg/L IC:-0.1374mg/L	Comp	06/13/2007 01:02:16 PM	15
16	TOC	CCB	!!Error!! TOC:0.4665mg/L TC:0.2595mg/L IC:-0.2071mg/	Comp	06/13/2007 01:11:35 PM	0
17	TOC	L0706075-10 MS	TOC:12.93mg/L TC:33.74mg/L IC:20.81mg/L	Comp	06/13/2007 01:28:12 PM	17
18	TOC	L0706075-11 MSD	TOC:11.22mg/L TC:34.95mg/L IC:23.73mg/L	Comp	06/13/2007 01:45:03 PM	18
19	TOC	L0706075-12	TOC:2.363mg/L TC:37.98mg/L IC:35.62mg/L	Comp	06/13/2007 02:02:11 PM	19
20	TOC	L0706148-02 (2)	TOC:0.7258mg/L TC:6.956mg/L IC:6.231mg/L	Comp	06/13/2007 02:15:36 PM	20
21	TOC	L0706148-03 (2)	TOC:1.003mg/L TC:11.16mg/L IC:10.16mg/L	Comp	06/13/2007 02:30:02 PM	21
22	TOC	L0706260-01 (10)	TOC:4.115mg/L TC:9.819mg/L IC:5.704mg/L	Comp	06/13/2007 02:44:30 PM	22
23	TOC	L0706260-02 (10)	TOC:0.7993mg/L TC:8.788mg/L IC:7.988mg/L	Comp	06/13/2007 02:58:22 PM	23
24	TOC	L0706260-03	TOC:0.8597mg/L TC:4.348mg/L IC:3.488mg/L	Comp	06/13/2007 03:11:15 PM	24
25	TOC	L0706260-04	TOC:3.428mg/L TC:16.95mg/L IC:13.52mg/L	Comp	06/13/2007 03:27:14 PM	25
26	TOC	L0706104-01 (3)	TOC:83.26mg/L TC:98.25mg/L IC:14.99mg/L	Comp	06/13/2007 03:43:47 PM	26
27	TOC	CCV	!!Error!! TOC:52.16mg/L TC:51.98mg/L IC:-0.1875mg/L	Comp	06/13/2007 03:59:20 PM	27
28	TOC	CCB	!!Error!! TOC:0.4654mg/L TC:0.2528mg/L IC:-0.2125mg/	Comp	06/13/2007 04:08:38 PM	0
29	TOC	L0706104-02	TOC:0.6916mg/L TC:11.39mg/L IC:10.70mg/L	Comp	06/13/2007 04:22:43 PM	29
30	TOC	L0706104-03	TOC:89.07mg/L TC:114.6mg/L IC:25.49mg/L	Comp	06/13/2007 04:39:39 PM	30
31	TOC	L0706104-04	TOC:146.0mg/L TC:158.3mg/L IC:12.31mg/L	Comp	06/13/2007 04:55:54 PM	31
32	TOC	L0706104-05 (3)	TOC:162.3mg/L TC:257.3mg/L IC:94.96mg/L	Comp	06/13/2007 05:15:03 PM	32
33	TOC	L0706104-06 (3)	TOC:123.4mg/L TC:141.2mg/L IC:17.78mg/L	Comp	06/13/2007 05:33:09 PM	33
34	TOC	WG242442-01 BLANK	!!Error!! TOC:0.4672mg/L TC:0.3517mg/L IC:-0.1155mg/	Comp	06/13/2007 05:42:44 PM	0
35	TOC	WG242442-02 LCS	!!Error!! TOC:26.78mg/L TC:26.59mg/L IC:-0.1884mg/L	Comp	06/13/2007 05:58:07 PM	35
36	TOC	WG242442-03 LCSDUP	!!Error!! TOC:26.67mg/L TC:26.46mg/L IC:-0.2073mg/L	Comp	06/13/2007 06:13:08 PM	36
37	TOC	L0706104-07	TOC:0.3027mg/L TC:6.439mg/L IC:6.137mg/L	Comp	06/13/2007 06:25:50 PM	37
38	TOC	L0706104-08	TOC:0.09289mg/L TC:8.098mg/L IC:8.006mg/L	Comp	06/13/2007 06:38:46 PM	38
39	TOC	CCV	!!Error!! TOC:52.38mg/L TC:52.18mg/L IC:-0.1932mg/L	Comp	06/13/2007 06:53:49 PM	39
40	TOC	CCB	!!Error!! TOC:0.4710mg/L TC:0.2593mg/L IC:-0.2118mg/	Comp	06/13/2007 07:03:08 PM	0
41	TOC	L0706104-09 (3)	TOC:129.7mg/L TC:162.8mg/L IC:33.09mg/L	Comp	06/13/2007 07:20:11 PM	41
42	TOC	L0706104-10 (3)	TOC:7.388mg/L TC:17.03mg/L IC:9.644mg/L	Comp	06/13/2007 07:34:27 PM	42
43	TOC	L0706104-11	TOC:39.97mg/L TC:47.96mg/L IC:7.991mg/L	Comp	06/13/2007 07:50:35 PM	43
44	TOC	L0706104-12	TOC:246.7mg/L TC:257.3mg/L IC:10.59mg/L	Comp	06/13/2007 08:06:47 PM	44
45	TOC	L0706104-13	TOC:23.74mg/L TC:34.56mg/L IC:10.82mg/L	Comp	06/13/2007 08:22:38 PM	45
46	TOC	L0706147-03	TOC:0.5193mg/L TC:1.426mg/L IC:0.9069mg/L	Comp	06/13/2007 08:34:52 PM	46
47	TOC	L0706147-04	TOC:0.3134mg/L TC:2.167mg/L IC:1.854mg/L	Comp	06/13/2007 08:47:24 PM	47
48	TOC	L0706147-05	TOC:0.4906mg/L TC:1.007mg/L IC:0.5163mg/L	Comp	06/13/2007 08:59:43 PM	48
49	TOC	L0706261-01	TOC:5.380mg/L TC:19.66mg/L IC:14.28mg/L	Comp	06/13/2007 09:15:29 PM	49
50	TOC	L0706261-02	TOC:2.084mg/L TC:2.334mg/L IC:0.2498mg/L	Comp	06/13/2007 09:27:46 PM	50
51	TOC	CCV	!!Error!! TOC:50.56mg/L TC:50.36mg/L IC:-0.2047mg/L	Comp	06/13/2007 09:43:17 PM	51
52	TOC	CCB	!!Error!! TOC:0.4778mg/L TC:0.2688mg/L IC:-0.2090mg/	Comp	06/13/2007 09:52:42 PM	0
53	TOC	L0706274-01	TOC:9.933mg/L TC:13.09mg/L IC:3.161mg/L	Comp	06/13/2007 10:07:31 PM	53
54	TOC	L0706274-02	TOC:6.621mg/L TC:7.319mg/L IC:0.6981mg/L	Comp	06/13/2007 10:20:28 PM	54
55	TOC	WG242442-05 DUP	TOC:0.4823mg/L TC:1.155mg/L IC:0.6730mg/L	Comp	06/13/2007 10:32:43 PM	55
56	TOC	WG242442-06 MS	TOC:9.564mg/L TC:11.60mg/L IC:2.032mg/L	Comp	06/13/2007 10:46:51 PM	56
57	TOC	L0706151-01	TOC:100.1mg/L TC:106.7mg/L IC:6.526mg/L	Comp	06/13/2007 11:03:08 PM	57
58	TOC	L0706151-02	TOC:116.5mg/L TC:120.0mg/L IC:3.514mg/L	Comp	06/13/2007 11:19:00 PM	58
59	TOC	L0706151-03	TOC:100.5mg/L TC:105.5mg/L IC:4.990mg/L	Comp	06/13/2007 11:35:12 PM	59
60	TOC	L0706151-04	TOC:252.1mg/L TC:257.3mg/L IC:5.215mg/L	Comp	06/13/2007 11:51:21 PM	60
61	TOC	L0706151-05	TOC:139.3mg/L TC:140.7mg/L IC:1.466mg/L	Comp	06/14/2007 12:07:14 AM	61
62	TOC	L0706151-06 (3)	TOC:60.44mg/L TC:81.04mg/L IC:20.61mg/L	Comp	06/14/2007 12:24:11 AM	62
63	TOC	CCV	!!Error!! TOC:49.39mg/L TC:49.25mg/L IC:-0.1432mg/L	Comp	06/14/2007 12:39:50 AM	63
64	TOC	CCB	!!Error!! TOC:0.5034mg/L TC:0.3065mg/L IC:-0.1969mg/	Comp	06/14/2007 12:49:20 AM	0

Approved: June 20, 2007

Instr.Information

System TOCVW ASI
Detector Wet Chemical

Sample

Sample Name: CCV 50
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

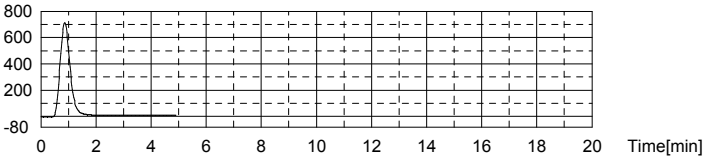
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:48.50mg/L TC:48.22mg/L IC:-0.2758mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1871	48.22mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 09:14:41 AM

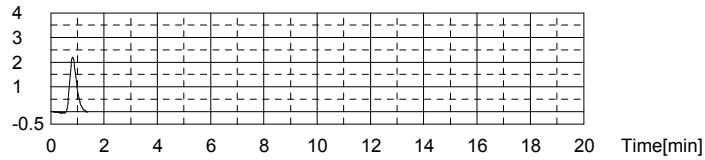
Mean Area 1871
Mean Conc. 48.22mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.073	-0.2758mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 09:19:25 AM

Mean Area 4.073
Mean Conc. -0.2758mg/L



Sample

Sample Name: CCV 10
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:9.744mg/L TC:9.464mg/L IC:-0.2801mg/L

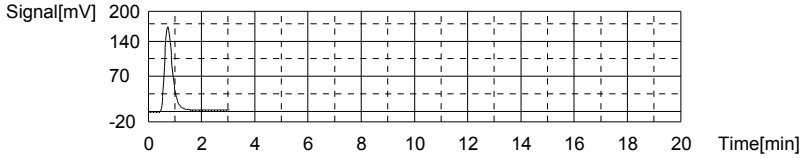
1. Det

Anal.: TC

Approved: June 20, 2007

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	364.3	9.464mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 09:28:30 AM

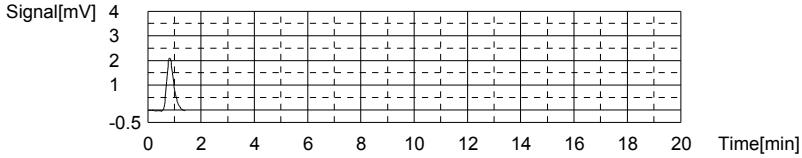
Mean Area 364.3
Mean Conc. 9.464mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.923	-0.2801mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 09:33:14 AM

Mean Area 3.923
Mean Conc. -0.2801mg/L



Sample

Sample Name: TIC 25
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

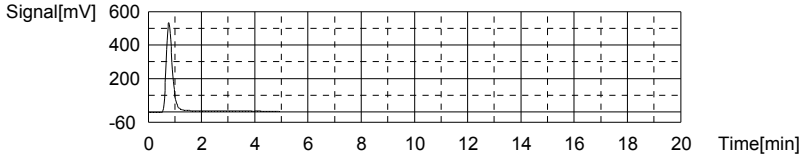
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:1.072mg/L TC:24.94mg/L IC:23.87mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	965.9	24.94mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 09:44:18 AM

Mean Area 965.9
Mean Conc. 24.94mg/L

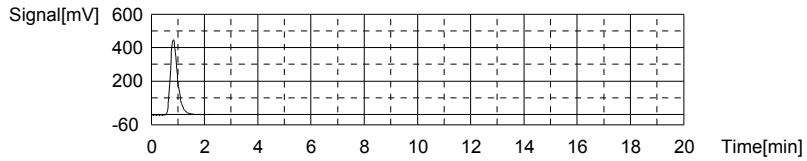


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	852.8	23.87mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 09:50:10 AM

Approved: June 20, 2007

Mean Area 852.8
Mean Conc. 23.87mg/L



Sample

Sample Name: WG242441-01 BLANK
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

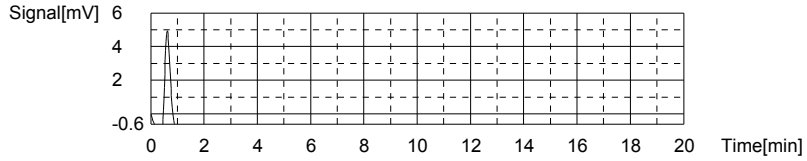
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.5543mg/L TC:0.3342mg/L IC:-0.2202mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.358	0.3342mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 09:55:32 AM

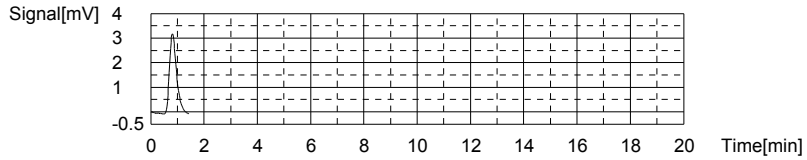
Mean Area 9.358
Mean Conc. 0.3342mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.030	-0.2202mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 09:59:39 AM

Mean Area 6.030
Mean Conc. -0.2202mg/L



Sample

Sample Name: WG242441-02 LCS
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:24.05mg/L TC:23.78mg/L IC:-0.2715mg/L

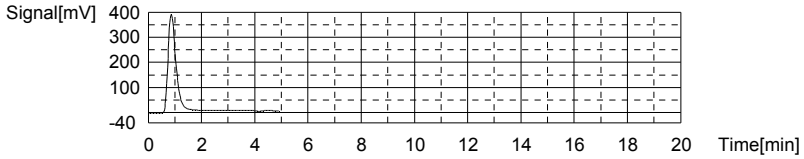
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	920.8	23.78mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 10:10:43 AM

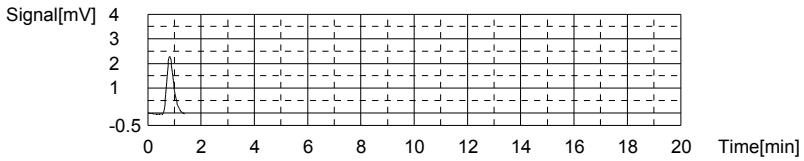
Mean Area 920.8
Mean Conc. 23.78mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.227	-0.2715mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 10:15:20 AM

Mean Area 4.227
Mean Conc. -0.2715mg/L



Sample

Sample Name: WG242441-03 LCSDUP
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

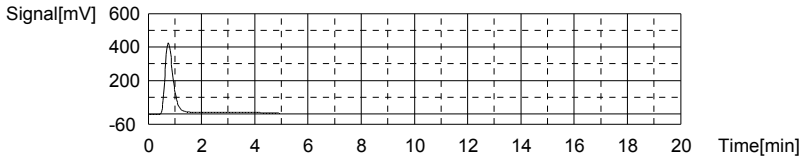
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:26.83mg/L TC:26.56mg/L IC:-0.2682mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1029	26.56mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 10:26:17 AM

Mean Area 1029
Mean Conc. 26.56mg/L

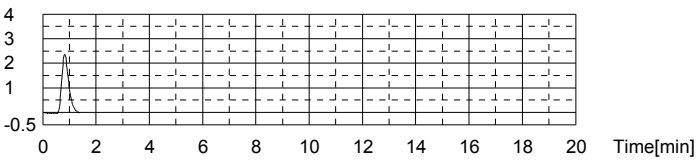


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.342	-0.2682mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 10:30:43 AM

Approved: June 20, 2007

Mean Area 4.342
Mean Conc. -0.2682mg/L



Sample

Sample Name: L0706075-03
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

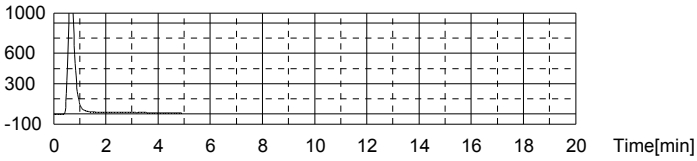
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:-1.786mg/L TC:59.44mg/L IC:61.22mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2307	59.44mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 10:41:41 AM

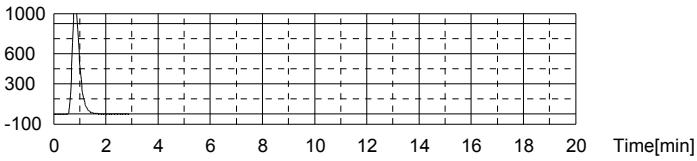
Mean Area 2307
Mean Conc. 59.44mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2166	61.22mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 10:48:26 AM

Mean Area 2166
Mean Conc. 61.22mg/L



Sample

Sample Name: L0706075-04
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:-1.807mg/L TC:59.10mg/L IC:60.91mg/L

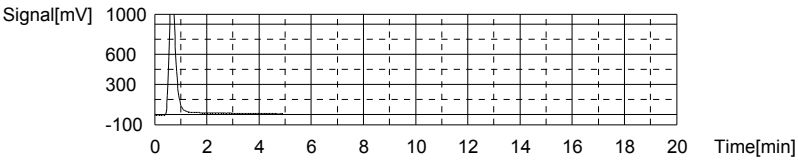
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2294	59.10mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 10:59:37 AM

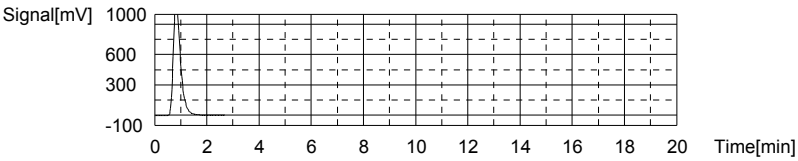
Mean Area 2294
Mean Conc. 59.10mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2155	60.91mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 11:06:11 AM

Mean Area 2155
Mean Conc. 60.91mg/L



Sample

Sample Name: L706075-05
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

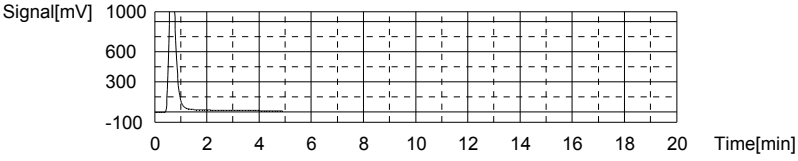
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:-2.425mg/L TC:65.74mg/L IC:68.16mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2552	65.74mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 11:17:08 AM

Mean Area 2552
Mean Conc. 65.74mg/L

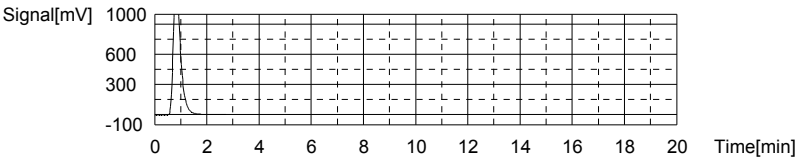


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2410	68.16mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 11:23:51 AM

Approved: June 20, 2007

Mean Area 2410
Mean Conc. 68.16mg/L



Sample

Sample Name: L0706075-06
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

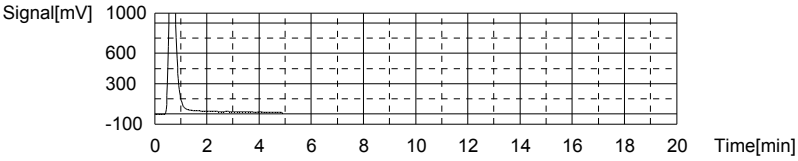
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:-2.615mg/L TC:74.25mg/L IC:76.87mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2883	74.25mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 11:34:47 AM

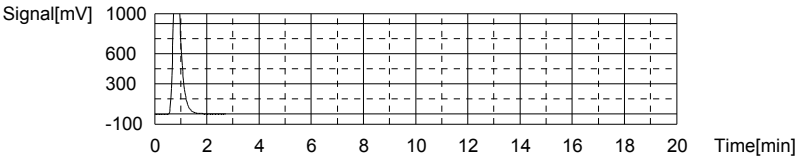
Mean Area 2883
Mean Conc. 74.25mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2716	76.87mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 11:41:27 AM

Mean Area 2716
Mean Conc. 76.87mg/L



Sample

Sample Name: L0706075-07
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:-1.069mg/L TC:54.55mg/L IC:55.62mg/L

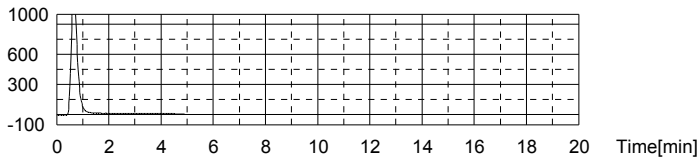
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2117	54.55mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 11:52:24 AM

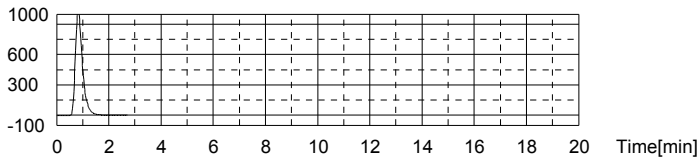
Mean Area 2117
Mean Conc. 54.55mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1969	55.62mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 11:58:56 AM

Mean Area 1969
Mean Conc. 55.62mg/L



Sample

Sample Name: L0706075-08
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

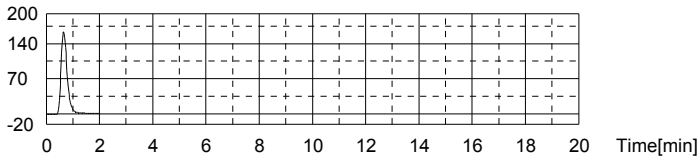
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.4587mg/L TC:6.954mg/L IC:6.495mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	266.7	6.954mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 12:06:56 PM

Mean Area 266.7
Mean Conc. 6.954mg/L

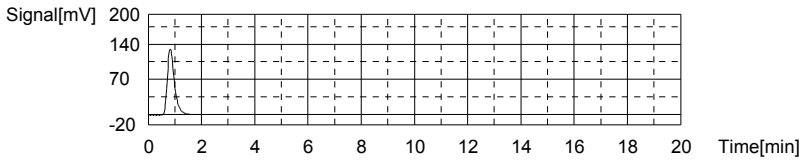


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	242.1	6.495mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 12:12:13 PM

Approved: June 20, 2007

Mean Area 242.1
Mean Conc. 6.495mg/L



Sample

Sample Name: L0706075-09
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

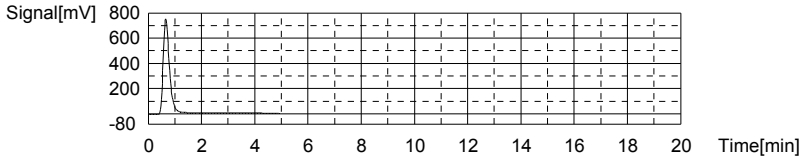
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:1.282mg/L TC:35.03mg/L IC:33.74mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1358	35.03mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 12:23:11 PM

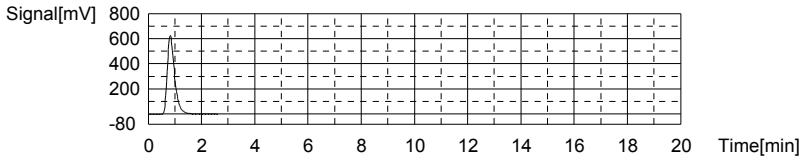
Mean Area 1358
Mean Conc. 35.03mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1200	33.74mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 12:29:22 PM

Mean Area 1200
Mean Conc. 33.74mg/L



Sample

Sample Name: WG242441-05 DUP
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:2.239mg/L TC:35.93mg/L IC:33.69mg/L

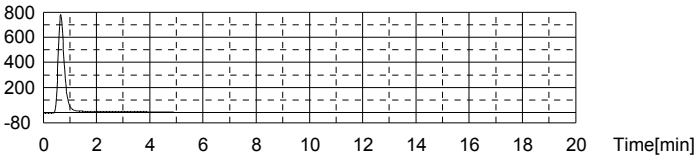
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1393	35.93mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 12:40:18 PM

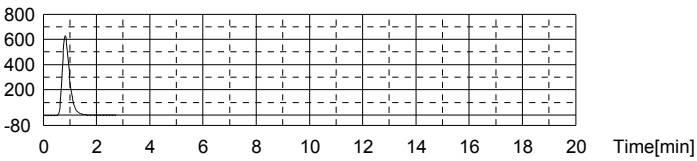
Mean Area 1393
Mean Conc. 35.93mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1198	33.69mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 12:46:40 PM

Mean Area 1198
Mean Conc. 33.69mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

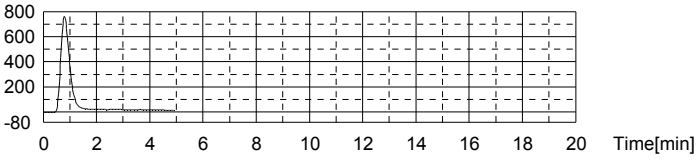
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:51.60mg/L TC:51.46mg/L IC:-0.1374mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1997	51.46mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 12:57:38 PM

Mean Area 1997
Mean Conc. 51.46mg/L

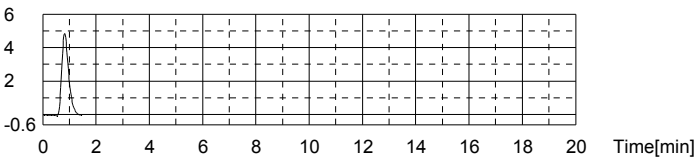


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.940	-0.1374mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 01:02:16 PM

Approved: June 20, 2007

Mean Area 8.940
Mean Conc. -0.1374mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

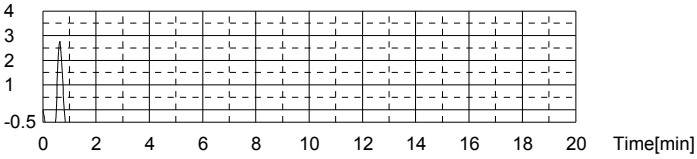
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4665mg/L TC:0.2595mg/L IC:-0.2071mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.455	0.2595mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 01:07:30 PM

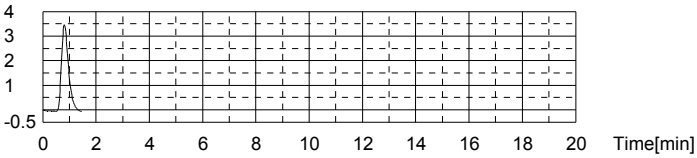
Mean Area 6.455
Mean Conc. 0.2595mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.491	-0.2071mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 01:11:35 PM

Mean Area 6.491
Mean Conc. -0.2071mg/L



Sample

Sample Name: L0706075-10 MS
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:12.93mg/L TC:33.74mg/L IC:20.81mg/L

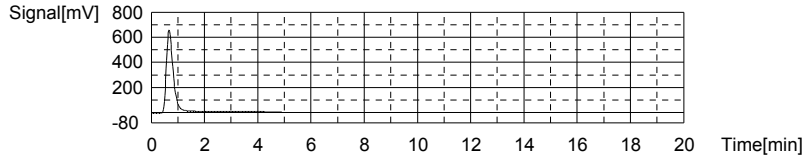
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1308	33.74mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 01:22:17 PM

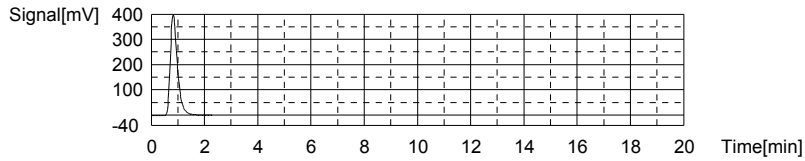
Mean Area 1308
Mean Conc. 33.74mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	745.3	20.81mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 01:28:12 PM

Mean Area 745.3
Mean Conc. 20.81mg/L



Sample

Sample Name: L0706075-11 MSD
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

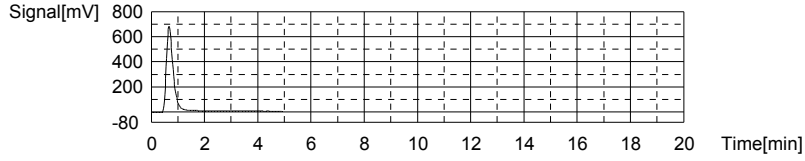
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:11.22mg/L TC:34.95mg/L IC:23.73mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1355	34.95mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 01:39:08 PM

Mean Area 1355
Mean Conc. 34.95mg/L

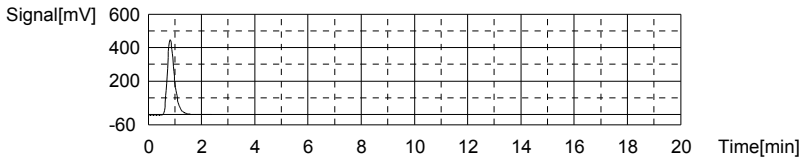


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	847.9	23.73mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 01:45:03 PM

Approved: June 20, 2007

Mean Area 847.9
Mean Conc. 23.73mg/L



Sample

Sample Name: L0706075-12
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

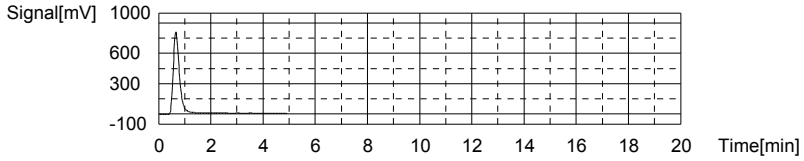
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:2.363mg/L TC:37.98mg/L IC:35.62mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1473	37.98mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 01:55:59 PM

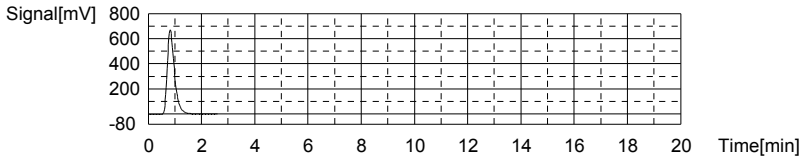
Mean Area 1473
Mean Conc. 37.98mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1266	35.62mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 02:02:11 PM

Mean Area 1266
Mean Conc. 35.62mg/L



Sample

Sample Name: L0706148-02 (2)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.7258mg/L TC:6.956mg/L IC:6.231mg/L

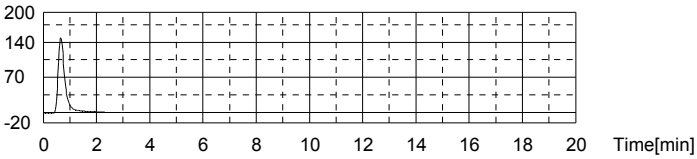
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	266.8	6.956mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 02:10:17 PM

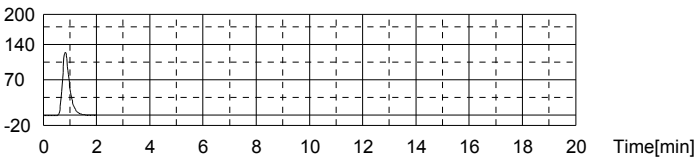
Mean Area 266.8
Mean Conc. 6.956mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	232.8	6.231mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 02:15:36 PM

Mean Area 232.8
Mean Conc. 6.231mg/L



Sample

Sample Name: L0706148-03 (2)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

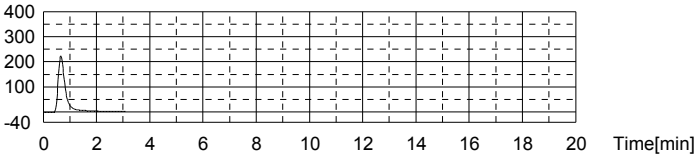
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:1.003mg/L TC:11.16mg/L IC:10.16mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	430.2	11.16mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 02:24:36 PM

Mean Area 430.2
Mean Conc. 11.16mg/L

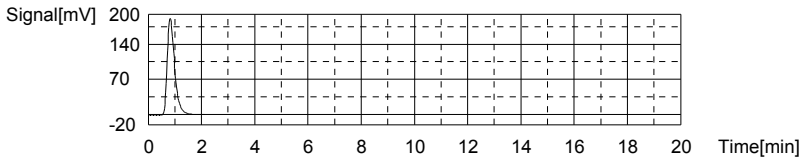


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	370.8	10.16mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 02:30:02 PM

Approved: June 20, 2007

Mean Area 370.8
Mean Conc. 10.16mg/L



Sample

Sample Name: L0706260-01 (10)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

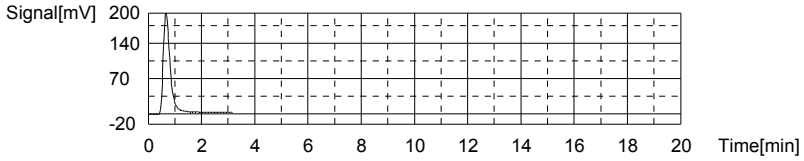
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:4.115mg/L TC:9.819mg/L IC:5.704mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	378.1	9.819mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 02:39:14 PM

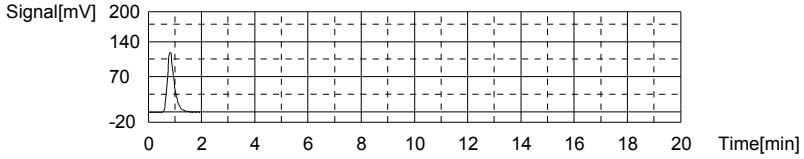
Mean Area 378.1
Mean Conc. 9.819mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	214.3	5.704mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 02:44:30 PM

Mean Area 214.3
Mean Conc. 5.704mg/L



Sample

Sample Name: L0706260-02 (10)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.7993mg/L TC:8.788mg/L IC:7.988mg/L

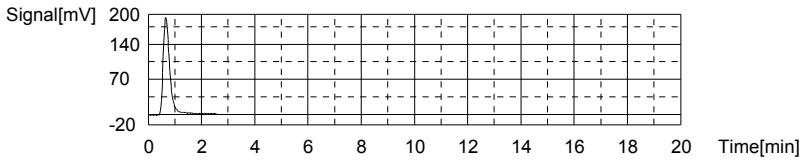
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	338.0	8.788mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 02:53:06 PM

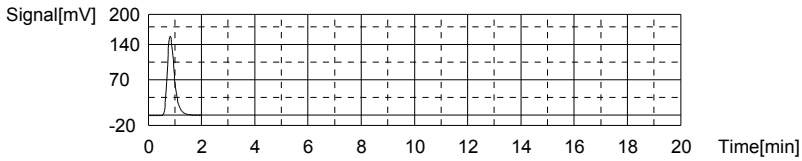
Mean Area 338.0
Mean Conc. 8.788mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	294.6	7.988mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 02:58:22 PM

Mean Area 294.6
Mean Conc. 7.988mg/L



Sample

Sample Name: L0706260-03
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

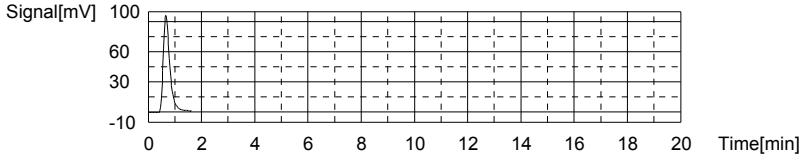
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.8597mg/L TC:4.348mg/L IC:3.488mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	165.4	4.348mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 03:06:08 PM

Mean Area 165.4
Mean Conc. 4.348mg/L

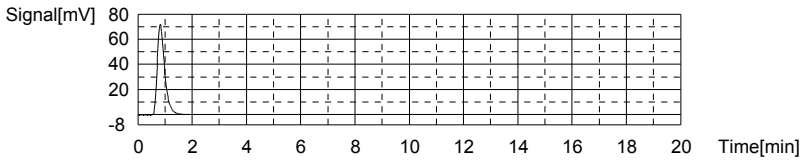


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	136.4	3.488mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 03:11:15 PM

Approved: June 20, 2007

Mean Area 136.4
Mean Conc. 3.488mg/L



Sample

Sample Name: L0706260-04
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

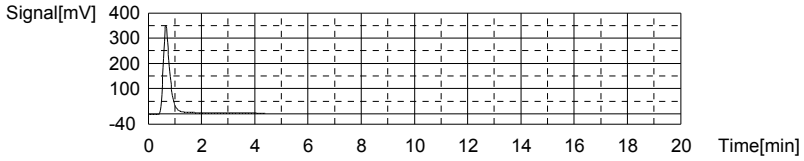
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:3.428mg/L TC:16.95mg/L IC:13.52mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	655.4	16.95mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 03:21:40 PM

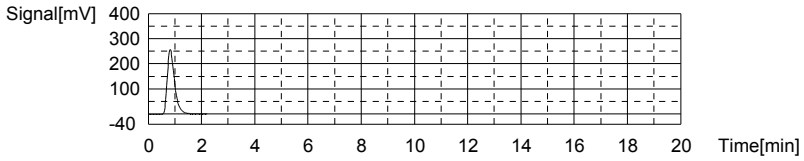
Mean Area 655.4
Mean Conc. 16.95mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	489.2	13.52mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 03:27:14 PM

Mean Area 489.2
Mean Conc. 13.52mg/L



Sample

Sample Name: L0706104-01 (3)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:83.26mg/L TC:98.25mg/L IC:14.99mg/L

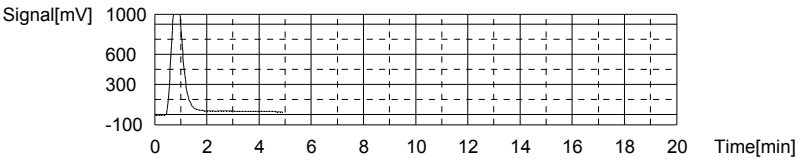
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3816	98.25mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 03:38:17 PM

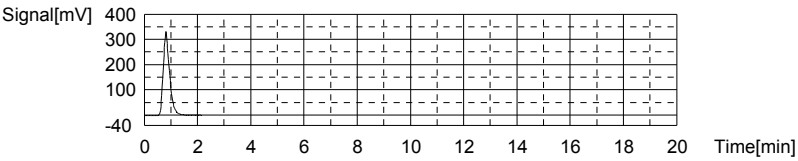
Mean Area 3816
Mean Conc. 98.25mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	540.9	14.99mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 03:43:47 PM

Mean Area 540.9
Mean Conc. 14.99mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

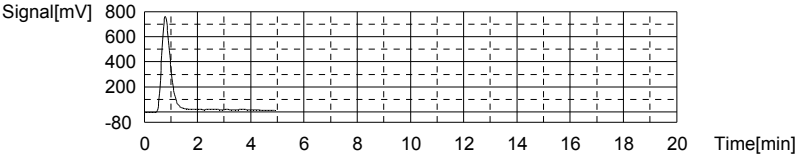
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:52.16mg/L TC:51.98mg/L IC:-0.1875mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2017	51.98mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 03:54:44 PM

Mean Area 2017
Mean Conc. 51.98mg/L

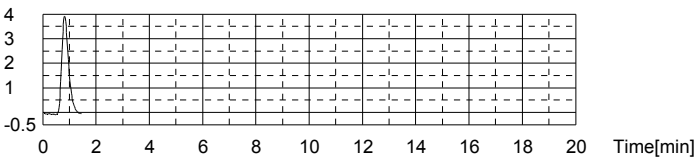


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.177	-0.1875mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 03:59:20 PM

Approved: June 20, 2007

Mean Area 7.177
Mean Conc. -0.1875mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

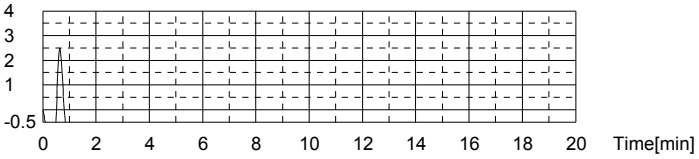
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4654mg/L TC:0.2528mg/L IC:-0.2125mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.197	0.2528mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 04:04:34 PM

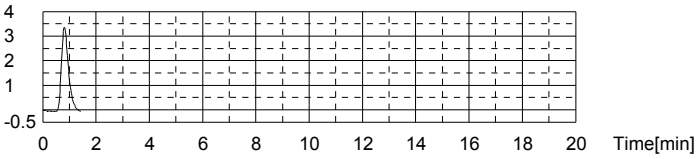
Mean Area 6.197
Mean Conc. 0.2528mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.298	-0.2125mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 04:08:38 PM

Mean Area 6.298
Mean Conc. -0.2125mg/L



Sample

Sample Name: L0706104-02
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.6916mg/L TC:11.39mg/L IC:10.70mg/L

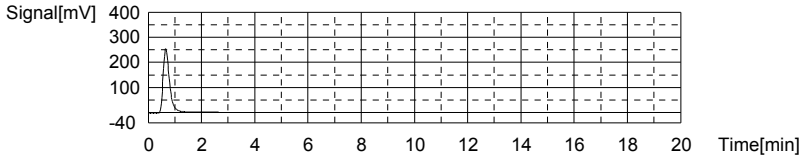
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	439.2	11.39mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 04:17:20 PM

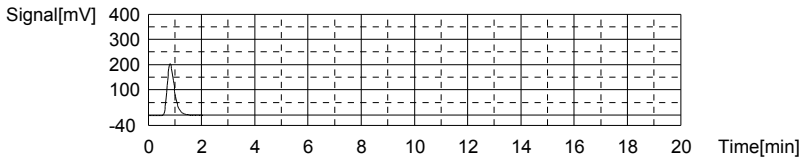
Mean Area 439.2
Mean Conc. 11.39mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	389.9	10.70mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 04:22:43 PM

Mean Area 389.9
Mean Conc. 10.70mg/L



Sample

Sample Name: L0706104-03
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

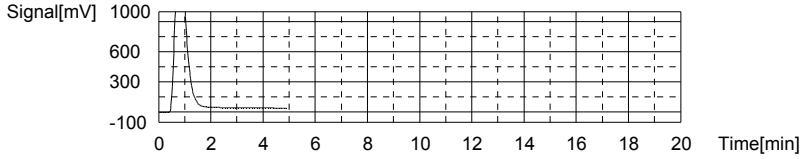
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:89.07mg/L TC:114.6mg/L IC:25.49mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4450	114.6mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 04:33:41 PM

Mean Area 4450
Mean Conc. 114.6mg/L

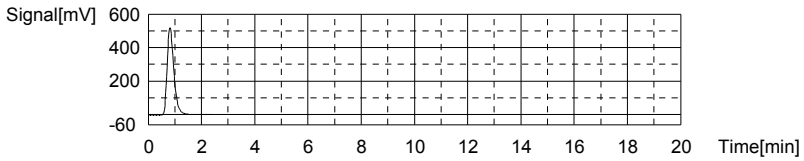


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	910.0	25.49mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 04:39:39 PM

Approved: June 20, 2007

Mean Area 910.0
Mean Conc. 25.49mg/L



Sample

Sample Name: L0706104-04
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

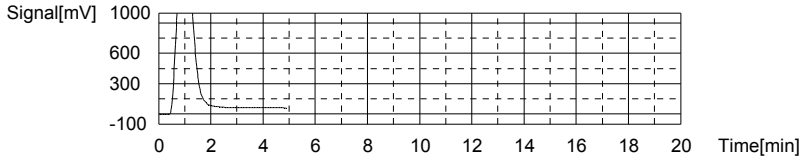
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:146.0mg/L TC:158.3mg/L IC:12.31mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6151	158.3mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 04:50:22 PM

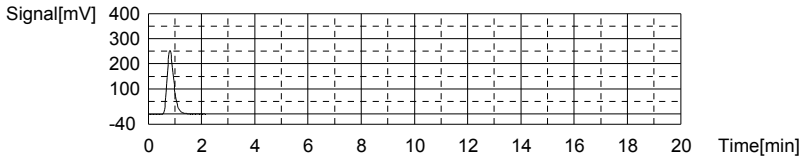
Mean Area 6151
Mean Conc. 158.3mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	446.6	12.31mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 04:55:54 PM

Mean Area 446.6
Mean Conc. 12.31mg/L



Sample

Sample Name: L0706104-05 (3)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:162.3mg/L TC:257.3mg/L IC:94.96mg/L

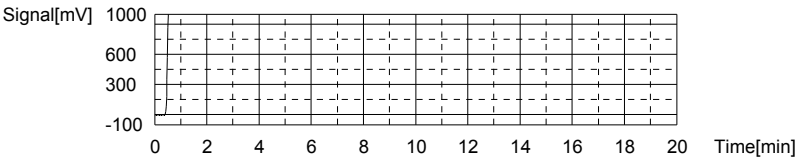
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9999	257.3mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 05:06:52 PM

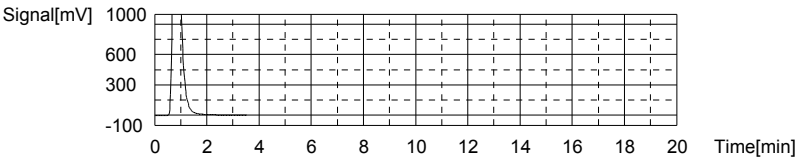
Mean Area 9999
Mean Conc. 257.3mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3352	94.96mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 05:15:03 PM

Mean Area 3352
Mean Conc. 94.96mg/L



Sample

Sample Name: L0706104-06 (3)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

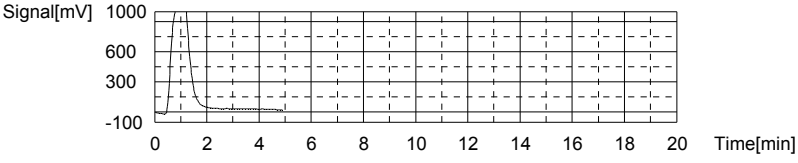
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:123.4mg/L TC:141.2mg/L IC:17.78mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5486	141.2mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 05:27:13 PM

Mean Area 5486
Mean Conc. 141.2mg/L

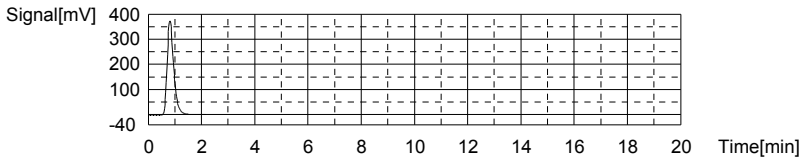


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	638.9	17.78mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 05:33:09 PM

Approved: June 20, 2007

Mean Area 638.9
Mean Conc. 17.78mg/L



Sample

Sample Name: WG242442-01 BLANK
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

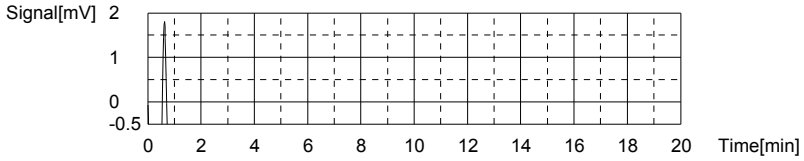
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4672mg/L TC:0.3517mg/L IC:-0.1155mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	10.04	0.3517mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 05:38:31 PM

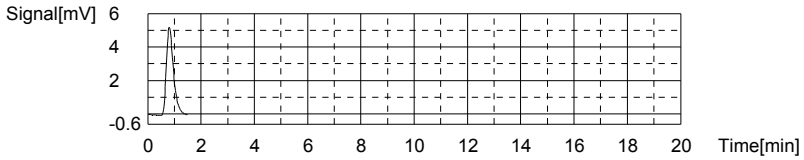
Mean Area 10.04
Mean Conc. 0.3517mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.711	-0.1155mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 05:42:44 PM

Mean Area 9.711
Mean Conc. -0.1155mg/L



Sample

Sample Name: WG242442-02 LCS
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:26.78mg/L TC:26.59mg/L IC:-0.1884mg/L

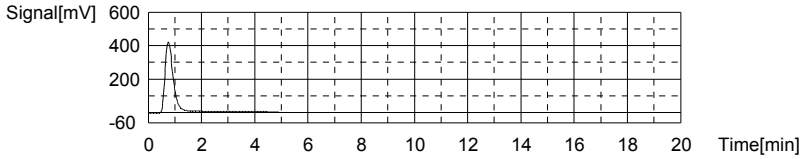
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1030	26.59mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 05:53:35 PM

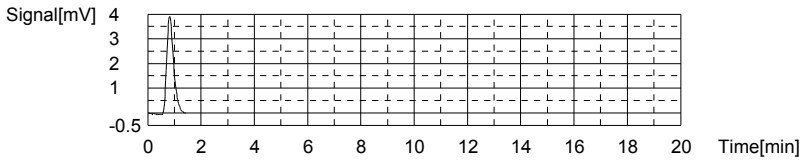
Mean Area 1030
Mean Conc. 26.59mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.147	-0.1884mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 05:58:07 PM

Mean Area 7.147
Mean Conc. -0.1884mg/L



Sample

Sample Name: WG242442-03 LCSDUP
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

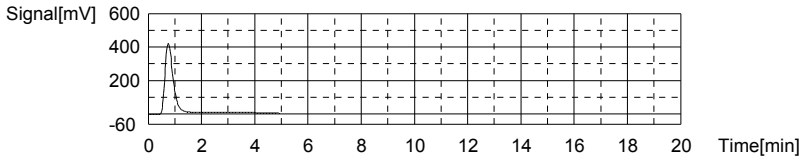
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:26.67mg/L TC:26.46mg/L IC:-0.2073mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1025	26.46mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 06:08:50 PM

Mean Area 1025
Mean Conc. 26.46mg/L

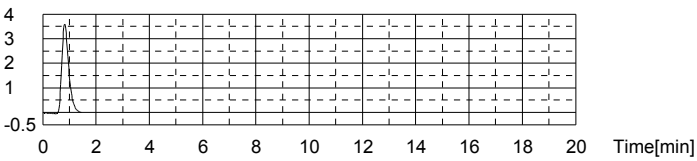


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.484	-0.2073mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 06:13:08 PM

Approved: June 20, 2007

Mean Area 6.484
Mean Conc. -0.2073mg/L



Sample

Sample Name: L0706104-07
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

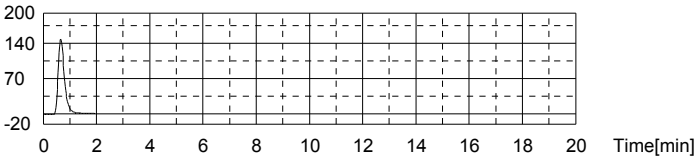
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.3027mg/L TC:6.439mg/L IC:6.137mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	246.7	6.439mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 06:20:52 PM

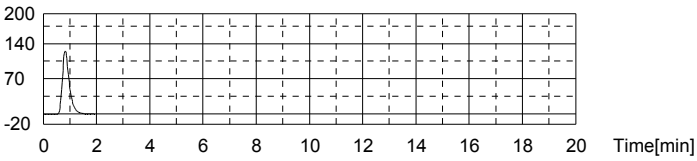
Mean Area 246.7
Mean Conc. 6.439mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	229.5	6.137mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 06:25:50 PM

Mean Area 229.5
Mean Conc. 6.137mg/L



Sample

Sample Name: L0706104-08
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.09289mg/L TC:8.098mg/L IC:8.006mg/L

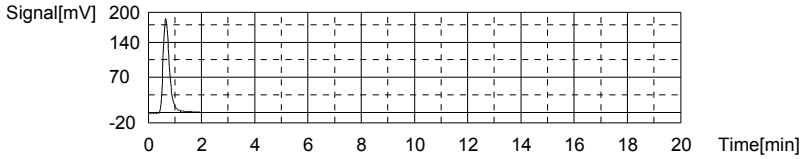
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	311.2	8.098mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 06:33:34 PM

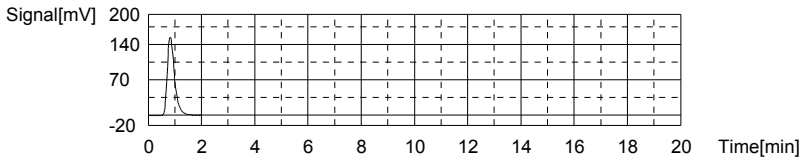
Mean Area 311.2
Mean Conc. 8.098mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	295.2	8.006mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 06:38:46 PM

Mean Area 295.2
Mean Conc. 8.006mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

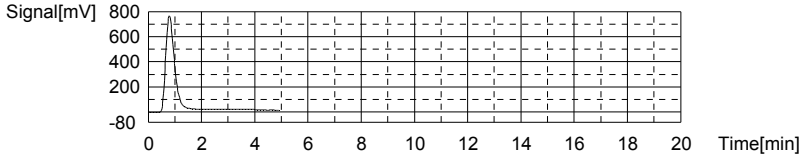
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:52.38mg/L TC:52.18mg/L IC:-0.1932mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2025	52.18mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 06:49:29 PM

Mean Area 2025
Mean Conc. 52.18mg/L

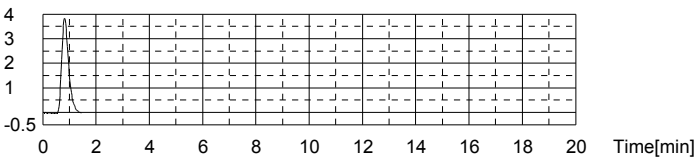


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.979	-0.1932mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 06:53:49 PM

Approved: June 20, 2007

Mean Area 6.979
Mean Conc. -0.1932mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

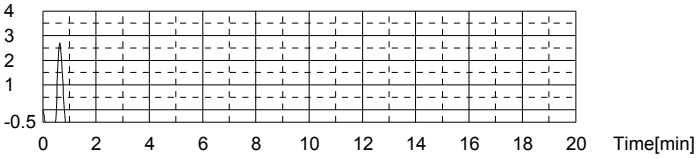
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4710mg/L TC:0.2593mg/L IC:-0.2118mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.446	0.2593mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 06:59:03 PM

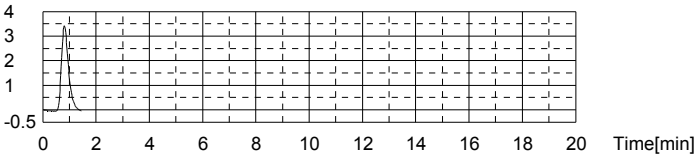
Mean Area 6.446
Mean Conc. 0.2593mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.325	-0.2118mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 07:03:08 PM

Mean Area 6.325
Mean Conc. -0.2118mg/L



Sample

Sample Name: L0706104-09 (3)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:129.7mg/L TC:162.8mg/L IC:33.09mg/L

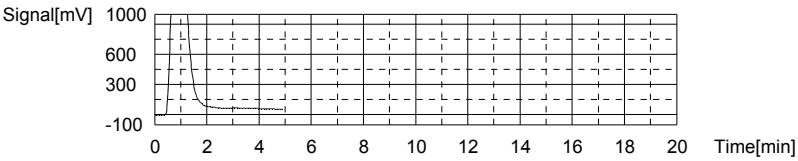
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6325	162.8mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 07:14:05 PM

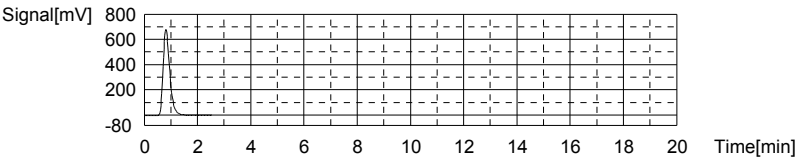
Mean Area 6325
Mean Conc. 162.8mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1177	33.09mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 07:20:11 PM

Mean Area 1177
Mean Conc. 33.09mg/L



Sample

Sample Name: L0706104-10 (3)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

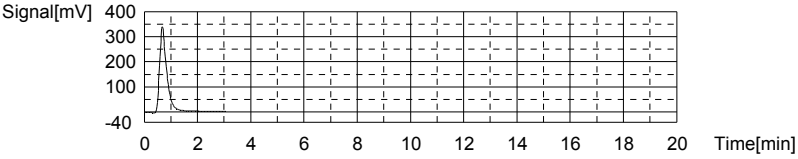
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:7.388mg/L TC:17.03mg/L IC:9.644mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	658.5	17.03mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 07:29:05 PM

Mean Area 658.5
Mean Conc. 17.03mg/L

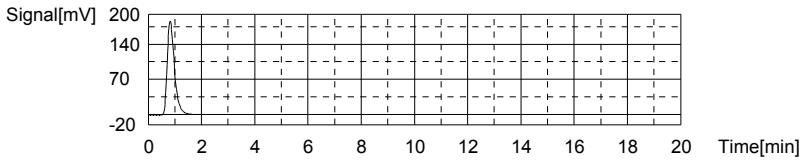


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	352.8	9.644mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 07:34:27 PM

Approved: June 20, 2007

Mean Area 352.8
Mean Conc. 9.644mg/L



Sample

Sample Name: L0706104-11
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

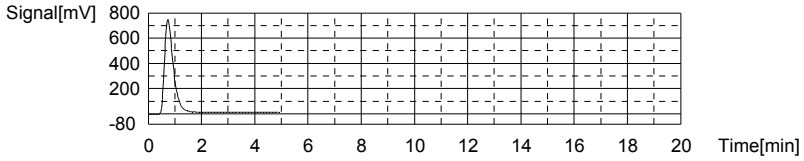
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:39.97mg/L TC:47.96mg/L IC:7.991mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1861	47.96mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 07:45:23 PM

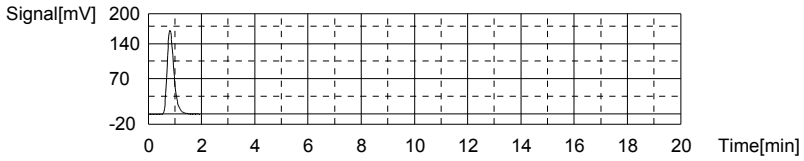
Mean Area 1861
Mean Conc. 47.96mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	294.7	7.991mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 07:50:35 PM

Mean Area 294.7
Mean Conc. 7.991mg/L



Sample

Sample Name: L0706104-12
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:246.7mg/L TC:257.3mg/L IC:10.59mg/L

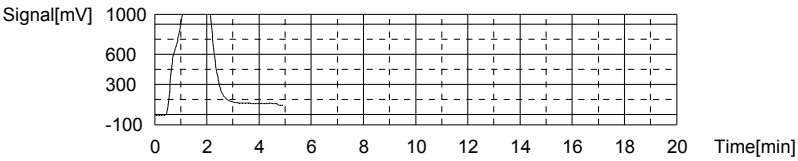
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9999	257.3mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 08:01:32 PM

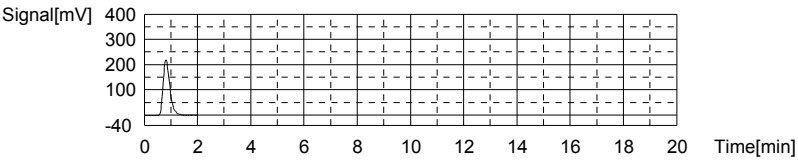
Mean Area 9999
Mean Conc. 257.3mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	386.2	10.59mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 08:06:47 PM

Mean Area 386.2
Mean Conc. 10.59mg/L



Sample

Sample Name: L0706104-13
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

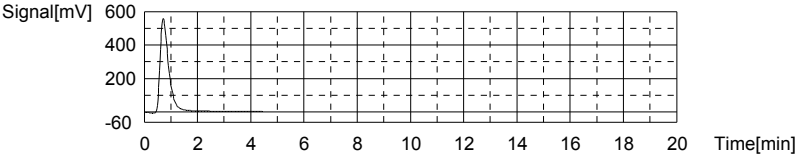
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:23.74mg/L TC:34.56mg/L IC:10.82mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1340	34.56mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 08:17:15 PM

Mean Area 1340
Mean Conc. 34.56mg/L

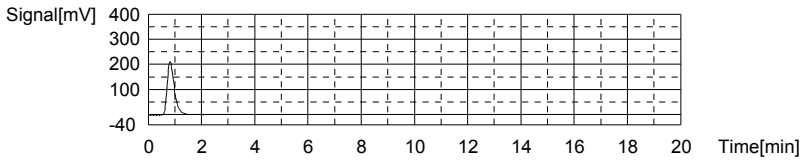


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	394.3	10.82mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 08:22:38 PM

Approved: June 20, 2007

Mean Area 394.3
Mean Conc. 10.82mg/L



Sample

Sample Name: L0706147-03
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

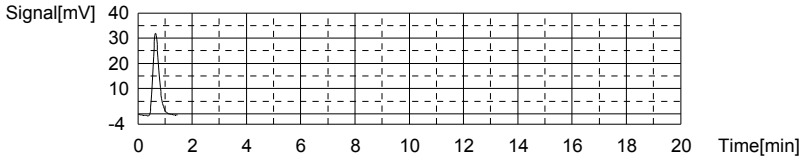
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.5193mg/L TC:1.426mg/L IC:0.9069mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	51.81	1.426mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 08:30:01 PM

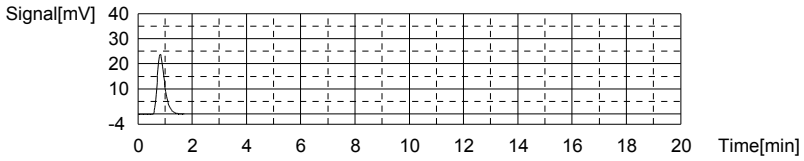
Mean Area 51.81
Mean Conc. 1.426mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	45.65	0.9069mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 08:34:52 PM

Mean Area 45.65
Mean Conc. 0.9069mg/L



Sample

Sample Name: L0706147-04
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.3134mg/L TC:2.167mg/L IC:1.854mg/L

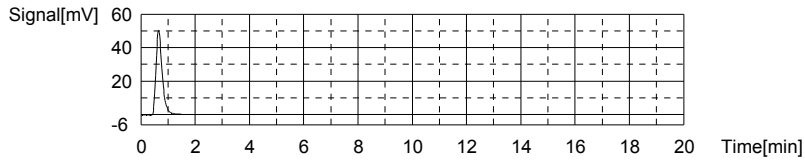
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	80.61	2.167mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 08:42:26 PM

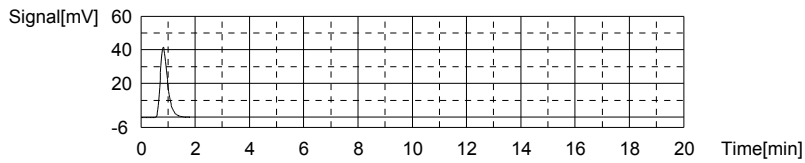
Mean Area 80.61
Mean Conc. 2.167mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	78.93	1.854mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 08:47:24 PM

Mean Area 78.93
Mean Conc. 1.854mg/L



Sample

Sample Name: L0706147-05
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

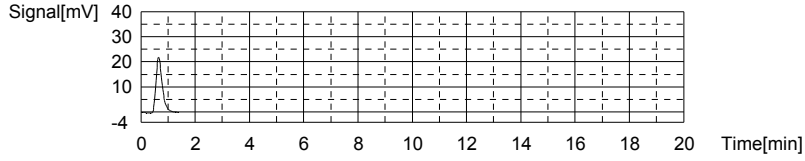
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.4906mg/L TC:1.007mg/L IC:0.5163mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	35.51	1.007mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 08:54:52 PM

Mean Area 35.51
Mean Conc. 1.007mg/L

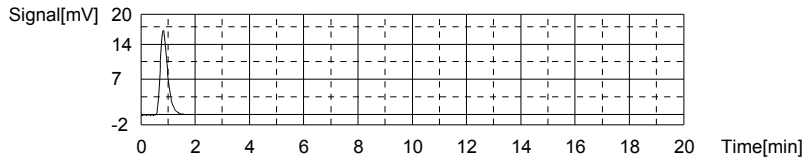


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	31.92	0.5163mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 08:59:43 PM

Approved: June 20, 2007

Mean Area 31.92
Mean Conc. 0.5163mg/L



Sample

Sample Name: L0706261-01
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

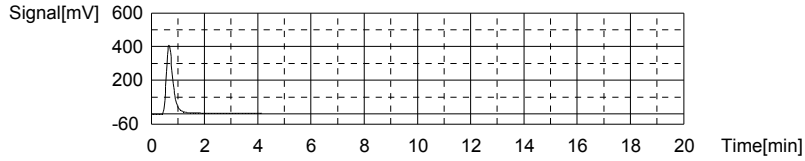
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:5.380mg/L TC:19.66mg/L IC:14.28mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	760.6	19.66mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 09:09:56 PM

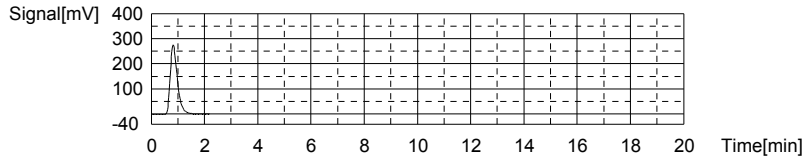
Mean Area 760.6
Mean Conc. 19.66mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	515.7	14.28mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 09:15:29 PM

Mean Area 515.7
Mean Conc. 14.28mg/L



Sample

Sample Name: L0706261-02
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:2.084mg/L TC:2.334mg/L IC:0.2498mg/L

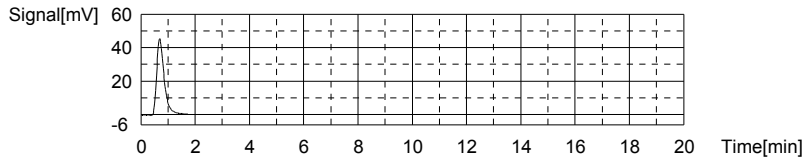
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	87.11	2.334mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 09:23:02 PM

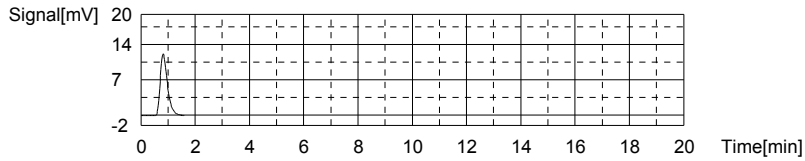
Mean Area 87.11
Mean Conc. 2.334mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	22.55	0.2498mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 09:27:46 PM

Mean Area 22.55
Mean Conc. 0.2498mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

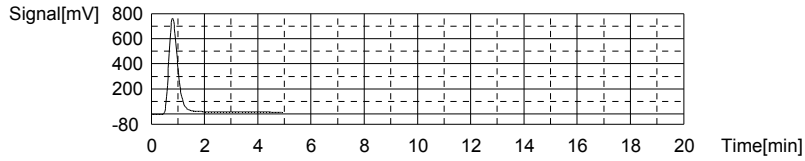
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:50.56mg/L TC:50.36mg/L IC:-0.2047mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1954	50.36mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 09:38:44 PM

Mean Area 1954
Mean Conc. 50.36mg/L

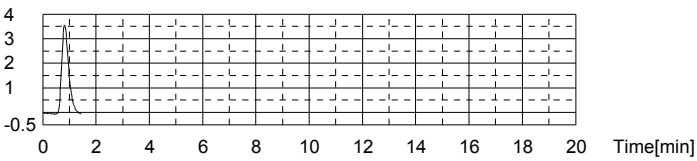


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.572	-0.2047mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 09:43:17 PM

Approved: June 20, 2007

Mean Area 6.572
Mean Conc. -0.2047mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

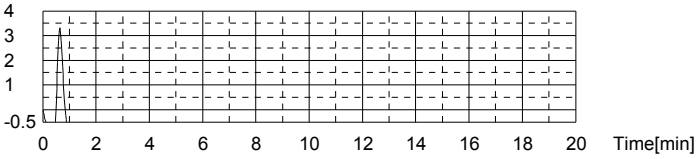
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4778mg/L TC:0.2688mg/L IC:-0.2090mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.819	0.2688mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 09:48:36 PM

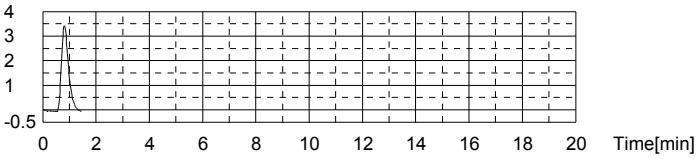
Mean Area 6.819
Mean Conc. 0.2688mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.424	-0.2090mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 09:52:42 PM

Mean Area 6.424
Mean Conc. -0.2090mg/L



Sample

Sample Name: L0706274-01
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:9.933mg/L TC:13.09mg/L IC:3.161mg/L

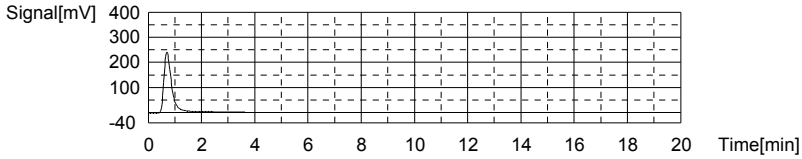
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	505.4	13.09mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 10:02:16 PM

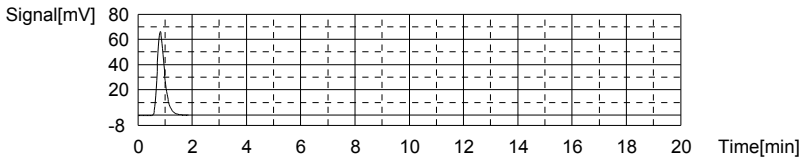
Mean Area 505.4
Mean Conc. 13.09mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	124.9	3.161mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 10:07:31 PM

Mean Area 124.9
Mean Conc. 3.161mg/L



Sample

Sample Name: L0706274-02
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

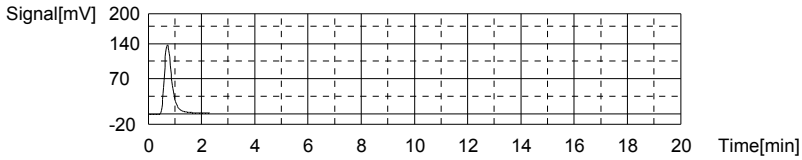
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:6.621mg/L TC:7.319mg/L IC:0.6981mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	280.9	7.319mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 10:15:38 PM

Mean Area 280.9
Mean Conc. 7.319mg/L

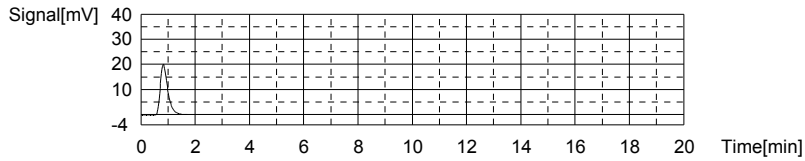


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	38.31	0.6981mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 10:20:28 PM

Approved: June 20, 2007

Mean Area 38.31
Mean Conc. 0.6981mg/L



Sample

Sample Name: WG242442-05 DUP
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

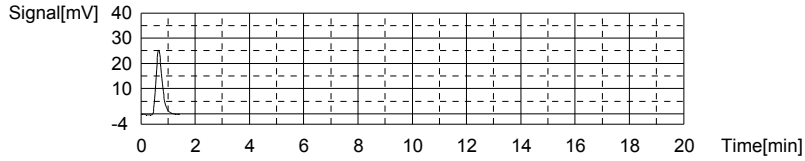
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.4823mg/L TC:1.155mg/L IC:0.6730mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	41.28	1.155mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 10:27:51 PM

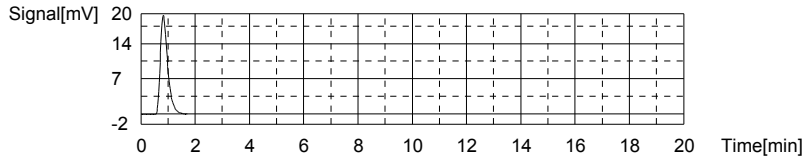
Mean Area 41.28
Mean Conc. 1.155mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	37.43	0.6730mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 10:32:43 PM

Mean Area 37.43
Mean Conc. 0.6730mg/L



Sample

Sample Name: WG242442-06 MS
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:9.564mg/L TC:11.60mg/L IC:2.032mg/L

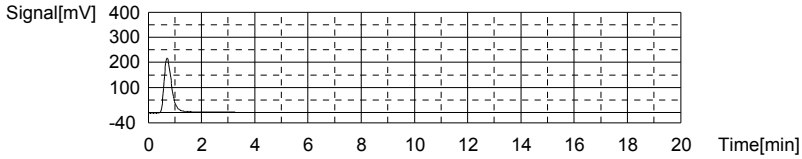
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	447.2	11.60mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 10:41:55 PM

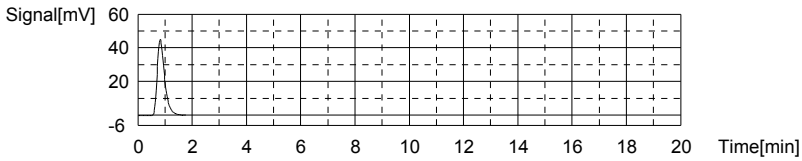
Mean Area 447.2
Mean Conc. 11.60mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	85.22	2.032mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 10:46:51 PM

Mean Area 85.22
Mean Conc. 2.032mg/L



Sample

Sample Name: L0706151-01
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

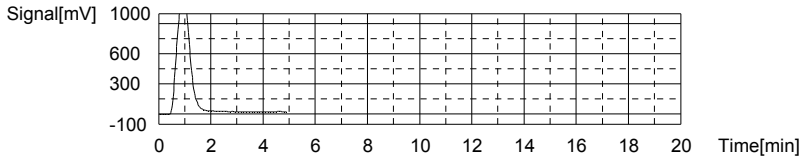
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:100.1mg/L TC:106.7mg/L IC:6.526mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4143	106.7mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 10:57:55 PM

Mean Area 4143
Mean Conc. 106.7mg/L

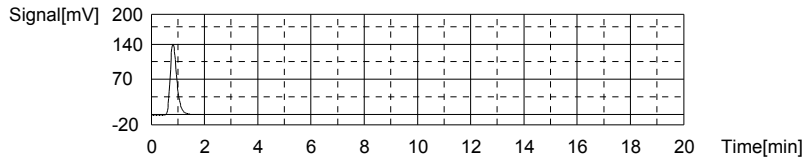


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	243.2	6.526mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 11:03:08 PM

Approved: June 20, 2007

Mean Area 243.2
Mean Conc. 6.526mg/L



Sample

Sample Name: L0706151-02
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

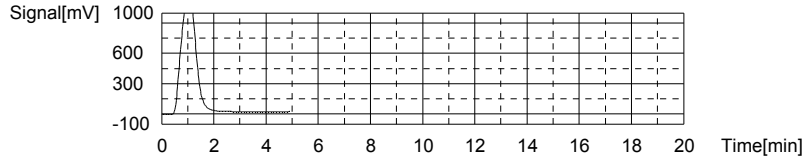
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:116.5mg/L TC:120.0mg/L IC:3.514mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4663	120.0mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 11:13:58 PM

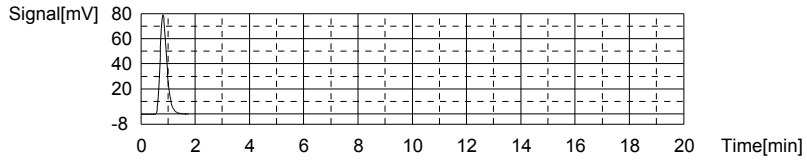
Mean Area 4663
Mean Conc. 120.0mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	137.3	3.514mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 11:19:00 PM

Mean Area 137.3
Mean Conc. 3.514mg/L



Sample

Sample Name: L0706151-03
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:100.5mg/L TC:105.5mg/L IC:4.990mg/L

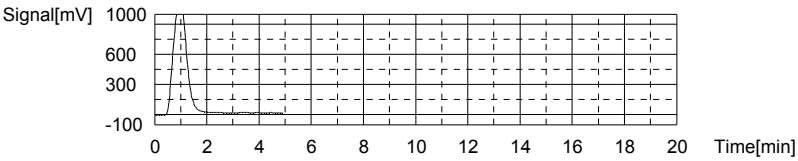
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4099	105.5mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 11:30:04 PM

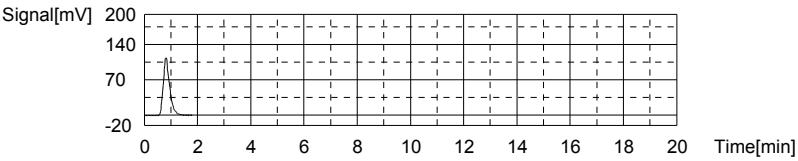
Mean Area 4099
Mean Conc. 105.5mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	189.2	4.990mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 11:35:12 PM

Mean Area 189.2
Mean Conc. 4.990mg/L



Sample

Sample Name: L0706151-04
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

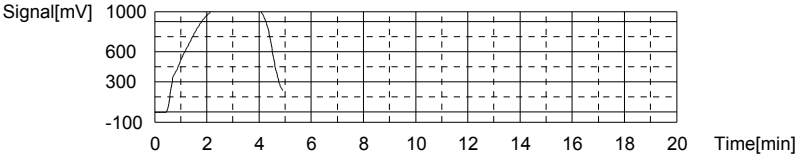
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:252.1mg/L TC:257.3mg/L IC:5.215mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9999	257.3mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/13/2007 11:46:09 PM

Mean Area 9999
Mean Conc. 257.3mg/L

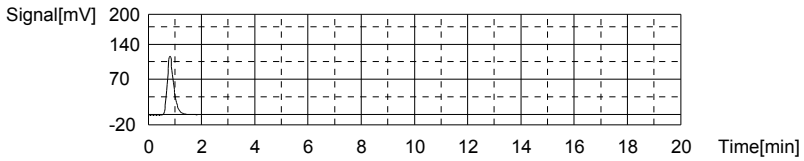


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	197.1	5.215mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/13/2007 11:51:21 PM

Approved: June 20, 2007

Mean Area 197.1
Mean Conc. 5.215mg/L



Sample

Sample Name: L0706151-05
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

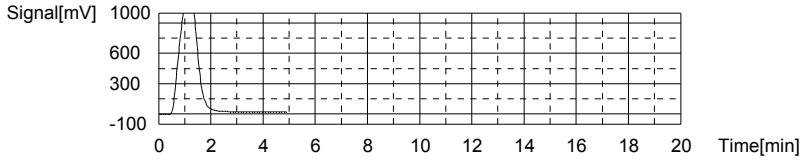
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:139.3mg/L TC:140.7mg/L IC:1.466mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5467	140.7mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 12:02:12 AM

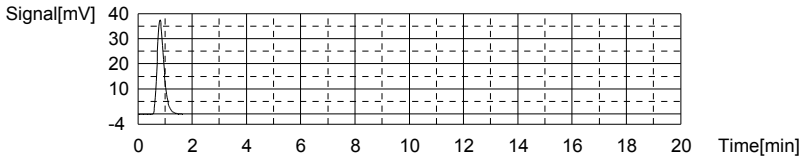
Mean Area 5467
Mean Conc. 140.7mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	65.29	1.466mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 12:07:14 AM

Mean Area 65.29
Mean Conc. 1.466mg/L



Sample

Sample Name: L0706151-06 (3)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:60.44mg/L TC:81.04mg/L IC:20.61mg/L

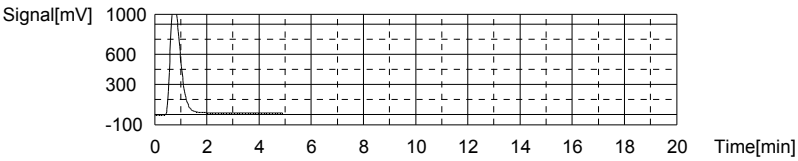
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3147	81.04mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 12:18:13 AM

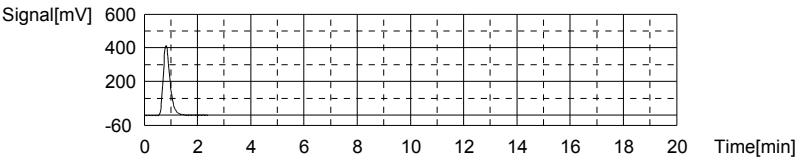
Mean Area 3147
Mean Conc. 81.04mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	738.2	20.61mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 12:24:11 AM

Mean Area 738.2
Mean Conc. 20.61mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

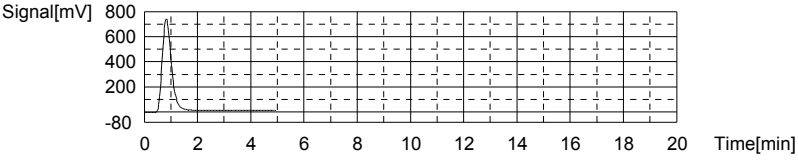
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:49.39mg/L TC:49.25mg/L IC:-0.1432mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1911	49.25mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 12:34:55 AM

Mean Area 1911
Mean Conc. 49.25mg/L

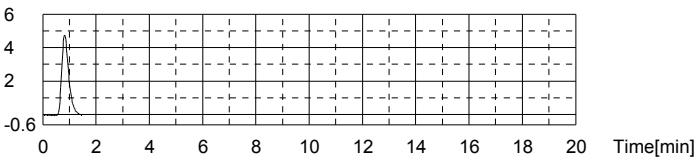


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.737	-0.1432mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 12:39:50 AM

Approved: June 20, 2007

Mean Area 8.737
Mean Conc. -0.1432mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

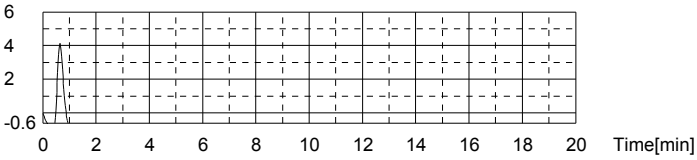
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.5034mg/L TC:0.3065mg/L IC:-0.1969mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.282	0.3065mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 12:45:12 AM

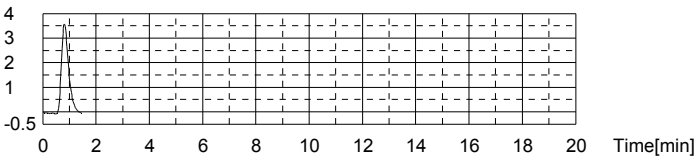
Mean Area 8.282
Mean Conc. 0.3065mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.847	-0.1969mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 12:49:20 AM

Mean Area 6.847
Mean Conc. -0.1969mg/L



Approved: June 20, 2007

3.0 Attachments

Kemron Environmental Services
Analyst Listing
June 26, 2007

AJF – AMANDA J. FICKIESEN	AJM – ANTHONY J. MOSSBURG	ALB – ANNIE L. BOCK
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	CLC – CHRYS L. CRAWFORD	CLS – CARA L. STRICKLER
CLW – CHARISSA L. WINTERS	CM – CHARLIE MARTIN	CMS – CRYSTAL M. STEPHENS
CPD – CHAD P. DAVIS	CSH – CHRIS S. HILL	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	DST – DENNIS S. TEPE
ECL – ERIC C. LAWSON	ED – EMILY E. DECKER	ERE – ERIN R. ELDER
FJB – FRANCES J. BOLDEN	HAV – HEMA VILASAGAR	HJR – HOLLY J. REED
JAB – JUANITA A. BECKER	JAL – JOHN A. LENT	JKT – JANE K. THOMPSON
JLS – JANICE L. SCHIMMEL	JNB – JOSHUA N. BOOTH	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
KRV – KATHRINE R. VICKERS	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	MMB – MAREN M. BEERY
MRT – MICHELLE R. TAYLOR	MSW – MATT S. WILSON	NJB – NATALIE J. BOOTH
PJM – PAUL J. MILLER	RAH – ROY A. HALSTEAD	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
TDH – TRICIA D. HUCK	TMB – TIFFANY M. BAILEY	TMM – TAMMY M. MORRIS
VC – VICKI COLLIER	WFM – WALTER F. MARTIN	

KEMRON Environmental Services

List of Valid Qualifiers

June 26, 2007

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%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
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
ND,L	Not detected; sample reporting limit (RL) elevated due to interference
ND,S	Not detected; analyzed by method of standard addition (MSA)
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 (MSA)
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.

Chain of Custody

NO. 10209

B2705

Shaw® Shaw Environmental & Infrastructure, Inc.
3010 Briarpark Drive, Suite 400
Houston, TX 77042
(713) 996-4400

Laboratory Name: KemRON Address: 156 Starlite Dr. Marrietta, OH. 45750 Contact: Stephanie MossBerg

Project Name: LHAAP Site 16 Project Location: Karnack, TX.

Project No.: 117591 Project Contact: Kay Everett Project Telephone No.: 713-996-4421

Point of Contact: Kay Everett Project Manager/Supervisor:

Telephone No.: 713-996-4421

Item No.	Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	Analysis and Method Desired (Indicate separate containers): VOC	Gases + Carbon Dioxide	TOC	Anions	Perchlorate	Alkalinity	Sulfide	Remarks
1	16WW25	6/11/07	09:00		✓	W	Groundwater, Site 16	11	3	3	1	1	1	1	1	
2	16WW12	6/11/07	12:25		✓	W	Groundwater, Site 16	11	3	3	1	1	1	1	1	
3	16WW26	6/11/07	1:15		✓	W	Groundwater, Site 16	11	3	3	1	1	1	1	1	
4	16WW36	6/11/07	1:45		✓	W	Groundwater, Site 16	11	3	3	1	1	1	1	1	
5																
6																
7																
8																
9																
10																

Transfers Relinquished By (signature)	Date/Time	Transfers Accepted By (signature)	Date/Time	Special Instructions
Scott Beesinger	6/11/07 4:00	Dawn Bryan	6/12/07 0945	
				FedEx Airbill No.:
		Laboratory		Sampler's Signature: Scott Beesinger

TAT: _____ Standard _____ Rush Date _____ Seals Intact? _____ Y _____ N Received Good Condition _____ Y _____ N _____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

Form Number: 433_1
Rev. 03-19-07

156 Starlite Drive
Marietta OH 45750
(740) 373-4071

Client:	Shaw
Workorder Number:	B2705
Date Received:	6-12-07
Delivered by:	( ) Fedx (X) UPS ( ) Client ( ) Courier Time: 9:40
Opened by:	AM
IR Temp Gun:	(X) D ( ) G
Logged by:	BLG L 6-2600

Cooler information

Cooler ID	Temp C	Airbill#	COC#	Other
776	5°	1Z 401 663 22 1006 6444	10209	

Inspection Checklist	Y	N	NA	Discrepancy ID
Were shipping coolers sealed?	X			
Were custody seals intact?	X			
Were COC's received/ information complete/signed and dated?	X			
Were cooler temperatures in range of 0 - 6?	X			
Was ice present?	X			
Were sample containers and labels intact and match COC?	✓			
Were the correct containers and volumes received?	✓			
Were correct preservatives used? (water only)	✓			
Were pH ranges acceptable? (voa's excluded)	✓			
Were VOA samples free of headspace?	✓			
Were samples received within EPA hold times?	✓			

Discrepancy/Comments/Other Problems

Distribution

Name of KEMRON representative
Client/Company:
Person Contacted:
Date contacted:

Resolution/other comments:

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706260
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 19-JUN-2007

Samplenum	Container ID	Products
L0706260-02	346312	S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 08:22	TMB	DEL
3	STORE	WET	A1	14-JUN-2007 11:57	ERE	TMB

Samplenum	Container ID	Products
L0706260-01	346305	S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 08:22	TMB	DEL
3	STORE	WET	A1	14-JUN-2007 11:57	ERE	TMB

Samplenum	Container ID	Products
L0706260-01	346308	ALK

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 10:43	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:12	DEL	DIH

Samplenum	Container ID	Products
L0706260-02	346316	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	13-JUN-2007 08:49	D9H	DEL
3	STORE	WET	A1	15-JUN-2007 10:13	DEL	DIH

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706260
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 19-JUN-2007

Samplenum	Container ID	Products
L0706260-03	346319	S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 08:22	TMB	DEL
3	STORE	WET	A1	14-JUN-2007 11:57	ERE	TMB

Samplenum	Container ID	Products
L0706260-01	346304	826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Samplenum	Container ID	Products
L0706260-01	346306	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	SEM	13-JUN-2007 10:42	DSF	ERE
3	STORE	SEM	A1	15-JUN-2007 14:25	ERE	DSF

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706260
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 19-JUN-2007

Samplenum	Container ID	Products
L0706260-01	346307	RSK175EXT

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Samplenum	Container ID	Products
L0706260-02	346311	826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Samplenum	Container ID	Products
L0706260-02	346313	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	SEM	13-JUN-2007 10:42	DSF	ERE
3	STORE	SEM	A1	15-JUN-2007 14:25	ERE	DSF

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706260
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 19-JUN-2007

Samplenum	Container ID	Products
L0706260-03	346318	826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Samplenum	Container ID	Products
L0706260-04	346326	S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 08:22	TMB	DEL
3	STORE	WET	A1	14-JUN-2007 11:57	ERE	TMB

Samplenum	Container ID	Products
L0706260-04	346328	RSK175EXT

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706260
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 19-JUN-2007

Samplenum	Container ID	Products
L0706260-03	346323	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	13-JUN-2007 08:49	D9H	DEL
3	STORE	WET	A1	15-JUN-2007 10:13	DEL	DIH

Samplenum	Container ID	Products
L0706260-04	346325	826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Samplenum	Container ID	Products
L0706260-04	346327	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	SEM	13-JUN-2007 10:42	DSF	ERE
3	STORE	SEM	A1	15-JUN-2007 14:24	ERE	DSF

Samplenum	Container ID	Products
L0706260-04	346329	ALK

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 10:43	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:12	DEL	DIH

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706260
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 19-JUN-2007

Samplenum	Container ID	Products
L0706260-01	346303	300

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	L1	12-JUN-2007 10:08	BRG	
2	ANALYZ	L1	SEM	12-JUN-2007 10:46	DSF	ERE
3	STORE	SEM	A1	13-JUN-2007 08:34	ERE	DSF

Samplenum	Container ID	Products
L0706260-03	346320	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	SEM	13-JUN-2007 10:42	DSF	ERE
3	STORE	SEM	A1	15-JUN-2007 14:24	ERE	DSF

Samplenum	Container ID	Products
L0706260-01	346309	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	13-JUN-2007 08:49	D9H	DEL
3	STORE	WET	A1	15-JUN-2007 10:13	DEL	DIH

Samplenum	Container ID	Products
L0706260-02	346310	300

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	L1	12-JUN-2007 10:08	BRG	
2	ANALYZ	L1	SEM	12-JUN-2007 10:46	DSF	ERE
3	STORE	SEM	A1	13-JUN-2007 08:34	ERE	DSF

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706260
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 19-JUN-2007

Samplenum	Container ID	Products
L0706260-04	346324	300

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	L1	12-JUN-2007 10:08	BRG	
2	ANALYZ	L1	SEM	12-JUN-2007 10:46	DSF	ERE
3	STORE	SEM	A1	13-JUN-2007 08:34	ERE	DSF

Samplenum	Container ID	Products
L0706260-02	346315	ALK

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 10:43	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:12	DEL	DIH

Samplenum	Container ID	Products
L0706260-04	346330	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	13-JUN-2007 08:49	D9H	DEL
3	STORE	WET	A1	15-JUN-2007 10:13	DEL	DIH

Samplenum	Container ID	Products
L0706260-02	346314	RSK175EXT

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706260
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 19-JUN-2007

Samplenum	Container ID	Products
L0706260-03	346317	300

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	L1	12-JUN-2007 10:08	BRG	
2	ANALYZ	L1	SEM	12-JUN-2007 10:46	DSF	ERE
3	STORE	SEM	A1	13-JUN-2007 08:34	ERE	DSF

Samplenum	Container ID	Products
L0706260-03	346321	RSK175EXT

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-JUN-2007 10:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Samplenum	Container ID	Products
L0706260-03	346322	ALK

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-JUN-2007 10:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 10:43	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:12	DEL	DIH

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

WORKGROUP SUMMARY BY METHOD

WORKGROUP SUMMARY BY METHOD

Analysis: Total Organic Carbon
Analytical Method: 415.1
Workgroup: WG242441

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/13/07 14:44	DL01	TOC-VWP	DIH
L0706260-02	16WW12			06/13/07 14:58	DL01	TOC-VWP	DIH
L0706260-03	16WW26			06/13/07 15:11	01	TOC-VWP	DIH
L0706260-04	16WW36			06/13/07 15:27	01	TOC-VWP	DIH

Analysis: Total Organic Carbon
Extraction Method: 415.1
Workgroup: WG242441

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/13/07 14:44	DL01	TOC-VWP	DIH
L0706260-02	16WW12			06/13/07 14:58	DL01	TOC-VWP	DIH
L0706260-03	16WW26			06/13/07 15:11	01	TOC-VWP	DIH
L0706260-04	16WW36			06/13/07 15:27	01	TOC-VWP	DIH

Analysis: Alkalinity, Total
Analytical Method: 310.2
Workgroup: WG242538

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/14/07 11:55	DL01	SMARTCHEM	DIH
L0706260-02	16WW12			06/14/07 11:56	DL01	SMARTCHEM	DIH
L0706260-03	16WW26			06/14/07 11:56	DL01	SMARTCHEM	DIH
L0706260-04	16WW36			06/14/07 11:57	DL01	SMARTCHEM	DIH

Analysis: Alkalinity, Total
Extraction Method: 310.2
Workgroup: WG242538

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/14/07 11:55	DL01	SMARTCHEM	DIH
L0706260-02	16WW12			06/14/07 11:56	DL01	SMARTCHEM	DIH
L0706260-03	16WW26			06/14/07 11:56	DL01	SMARTCHEM	DIH
L0706260-04	16WW36			06/14/07 11:57	DL01	SMARTCHEM	DIH

WORKGROUP SUMMARY BY METHOD

Analysis:Sulfide
Analytical Method:376.1
Workgroup:WG242602

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/14/07 11:00		BURET	TMB
L0706260-02	16WW12			06/14/07 11:00		BURET	TMB
L0706260-03	16WW26			06/14/07 11:00		BURET	TMB
L0706260-04	16WW36			06/14/07 11:00		BURET	TMB

Analysis:Sulfide
Extraction Method:376.1
Workgroup:WG242602

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/14/07 11:00		BURET	TMB
L0706260-02	16WW12			06/14/07 11:00		BURET	TMB
L0706260-03	16WW26			06/14/07 11:00		BURET	TMB
L0706260-04	16WW36			06/14/07 11:00		BURET	TMB

Analysis:Common Anions
Analytical Method:300.0
Workgroup:WG242680

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/12/07 13:35	DL01	IC1	DSF
L0706260-02	16WW12			06/12/07 13:52	DL01	IC1	DSF
L0706260-03	16WW26			06/12/07 14:10	DL01	IC1	DSF
L0706260-04	16WW36			06/12/07 14:27	DL01	IC1	DSF

Analysis:Common Anions
Extraction Method:300.0
Workgroup:WG242680

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25					FILTER	DSF
L0706260-02	16WW12					FILTER	DSF
L0706260-03	16WW26					FILTER	DSF
L0706260-04	16WW36					FILTER	DSF

WORKGROUP SUMMARY BY METHOD

Analysis: Dissolved Gases - Special List
Analytical Method: RSK175
Workgroup: WG242715

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/15/07 18:02	DL01	HP16	FJB
L0706260-02	16WW12			06/15/07 18:30	DL02	HP16	FJB
L0706260-03	16WW26			06/15/07 18:44	DL02	HP16	FJB

Analysis: Dissolved Gases - Special List
Extraction Method: 5021
Workgroup: WG242715

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25				242715	HP16	FJB
L0706260-02	16WW12				242715	HP16	FJB
L0706260-03	16WW26				242715	HP16	FJB

Analysis: Perchlorate
Analytical Method: 314.0
Workgroup: WG242735

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/14/07 20:28	DL01	IC1	DSF
L0706260-02	16WW12			06/14/07 20:48	DL01	IC1	DSF
L0706260-03	16WW26			06/14/07 21:09	DL01	IC1	DSF
L0706260-04	16WW36			06/14/07 21:29	DL01	IC1	DSF

Analysis: Perchlorate
Extraction Method: 314.0
Workgroup: WG242735

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25		06/14/07 15:42			FILTER	DSF
L0706260-02	16WW12		06/14/07 15:42			FILTER	DSF
L0706260-03	16WW26		06/14/07 15:42			FILTER	DSF
L0706260-04	16WW36		06/14/07 15:42			FILTER	DSF

WORKGROUP SUMMARY BY METHOD

Analysis: Special List - 8260
Analytical Method: 8260B
Workgroup: WG242808

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-02	16WW12			06/18/07 16:14	01	HPMS8	CMS
L0706260-03	16WW26			06/18/07 16:44	01	HPMS8	CMS
L0706260-04	16WW36			06/18/07 17:13	01	HPMS8	CMS

Analysis: Special List - 8260
Extraction Method: 5030B
Workgroup: WG242808

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-02	16WW12				242808	HPMS8	CMS
L0706260-03	16WW26				242808	HPMS8	CMS
L0706260-04	16WW36				242808	HPMS8	CMS

Analysis: Dissolved Gases - Special List
Analytical Method: RSK175
Workgroup: WG242838

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/18/07 13:10	DL02	HP16	FJB
L0706260-02	16WW12			06/18/07 13:24	DL01	HP16	FJB
L0706260-03	16WW26			06/18/07 13:38	DL01	HP16	FJB
L0706260-04	16WW36			06/18/07 14:06	DL01	HP16	FJB

Analysis: Dissolved Gases - Special List
Extraction Method: 5021
Workgroup: WG242838

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25				242838	HP16	FJB
L0706260-02	16WW12				242838	HP16	FJB
L0706260-03	16WW26				242838	HP16	FJB
L0706260-04	16WW36				242838	HP16	FJB

WORKGROUP SUMMARY BY METHOD

Analysis: Special List - 8260
Analytical Method: 8260B
Workgroup: WG242929

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25			06/19/07 13:25	01	HPMS10	MES
L0706260-02	16WW12			06/19/07 12:23	DL01	HPMS10	MES
L0706260-03	16WW26			06/19/07 12:54	DL01	HPMS10	MES

Analysis: Special List - 8260
Extraction Method: 5030B
Workgroup: WG242929

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-01	16WW25				242929	HPMS10	MES
L0706260-02	16WW12				242929	HPMS10	MES
L0706260-03	16WW26				242929	HPMS10	MES

Analysis: Special List - 8260
Analytical Method: 8260B
Workgroup: WG242966

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-04	16WW36			06/19/07 14:42	DL01	HPMS6	CMS
L0706260-04	16WW36			06/19/07 15:46	DL02	HPMS6	CMS

Analysis: Special List - 8260
Extraction Method: 5030B
Workgroup: WG242966

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-04	16WW36				242966	HPMS6	CMS

WORKGROUP SUMMARY BY METHOD

Analysis: Dissolved Gases - Special List
Extraction Method: 5021
Workgroup: WG243057

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-04	16WW36				243057	HP16	FJB

Analysis: Dissolved Gases - Special List
Analytical Method: RSK175
Workgroup: WG243224

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-04	16WW36			06/22/07 10:09	DL02	HP16	FJB

Analysis: Dissolved Gases - Special List
Extraction Method: 5021
Workgroup: WG243224

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706260-04	16WW36				243224	HP16	FJB

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

Laboratory Report Number: L0706285

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

Cheryl Koelsch - Team Chemist/Data Specialist
ckoelsch@kemron-lab.com

Stephanie Mossburg - Team Chemist/Data Specialist
smossburg@kemron-lab.com

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

Amanda Fickiesen - Client Services Specialist
afickiesen@kemron-lab.com

Annie Bock - Client Services Specialist
abock@kemron-lab.com

Katie Barnes - Team Assistant
kbarnes@kemron-lab.com

Cara Strickler - Team Assistant
cstrickler@kemron-lab.com

Brenda Gregory - Client Services Specialist
bgregory@kemron-lab.com

This report was reviewed on June 26, 2007.

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 June 26, 2007.

David E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 354 pages.

Protecting Our Environmental Future

KEMRON REPORT L0706285
PREPARED FOR Shaw E I, Inc.
WORK ID: LONGHORN AAP KARNACK TX

1.0 Introduction

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0706285

CHAIN OF CUSTODY: The chain of custody number was 10210.

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: 15-JUN-07
Stephanie Mossburg

Laboratory Data Package Cover Page

00085713

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	June 20, 2007
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:	L0706285
Project Name:	798-LONGHORN
Method:	SULFIDE
Prep Batch Number(s):	WG242602
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 20, 2007

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:	L0706285
Project Name:	798-LONGHORN
Method:	SULFIDE
Prep Batch Number(s):	WG242602
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 20, 2007

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

00085718

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 I. Hesson	Conventional Lab Supervisor	June 20, 2007
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:	L0706285
Project Name:	798-LONGHORN
Method:	ALKALINITY
Prep Batch Number(s):	WG242538
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 20, 2007

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?	✓				

Checklist ID: **18261**

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0706285
Project Name:	798-LONGHORN
Method:	ALKALINITY
Prep Batch Number(s):	WG242538
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 20, 2007

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?	✓				
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?			✓		

Checklist ID: **18261**

KEMRON Environmental Services
Laboratory Review Checklist

Laboratory Name:	KEMRON
Laboratory Log Number:	L0706285
Project Name:	798-LONGHORN
Method:	ALKALINITY
Prep Batch Number(s):	WG242538
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 20, 2007

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:	L0706285
Project Name:	798-LONGHORN
Method:	ALKALINITY
Prep Batch Number(s):	WG242538
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 20, 2007

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

00085724

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	June 20, 2007
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:	L0706285
Project Name:	798-LONGHORN
Method:	TOC
Prep Batch Number(s):	WG242614
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 20, 2007

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:	L0706285
Project Name:	798-LONGHORN
Method:	TOC
Prep Batch Number(s):	WG242614
Reviewer Name:	DEANNA I. HESSON
LRC Date:	June 20, 2007

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

00085729

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	June 19, 2007
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:	L0706285
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG242920
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	June 18, 2007

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?	✓				1
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:	L0706285
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG242920
Reviewer Name:	MICHAEL D. COCHRAN
LRC Date:	June 18, 2007

EXCEPTIONS REPORT
ER# - Description
1. All samples were analyzed at a dilution only due to high conductivity readings.

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

Laboratory Data Package Cover Page

00085734

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.

ERIC C. LAWSON			June 20, 2007
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:	L0706285
Project Name:	798-LONGHORN
Method:	9056-300
Prep Batch Number(s):	WG242818
Reviewer Name:	ERIC C. LAWSON
LRC Date:	June 18, 2007

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?			✓		1
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?	✓				2
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:	L0706285
Project Name:	798-LONGHORN
Method:	9056-300
Prep Batch Number(s):	WG242818
Reviewer Name:	ERIC C. LAWSON
LRC Date:	June 18, 2007

EXCEPTIONS REPORT
ER# - Description
1. The MS/MSD results were not associated with this sample delivery group .
2. All samples were analyzed at a dilution only because the pre-run screen results for chloride and sulfate were high, indicating they were over their calibration ranges.

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

Laboratory Data Package Cover Page

00085739

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	June 25, 2007
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:	L0706285
Project Name:	798-LONGHORN
Method:	8260B
Prep Batch Number(s):	WG242808, WG242966, WG242929
Reviewer Name:	MIKE D. ALBERTSON
LRC Date:	June 25, 2007

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?			✓		

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) Bromomethane exceeded the upper advisory limit in the LCS/LCSD analyzed 06/18/07 on HPMS-8. Chloromethane exceeded the upper advisory limit in the LCS/LCSD analyzed 06/19/07 on HPMS-6. Chloromethane and dichlorodifluoromethane exceeded the upper advisory limits in the LCS/LCSD analyzed 06/19/07 on HPMS-10.

Footnotes:

(1) NA = Not applicable to method or project

(2) NR = Not reviewed

(3) ER# = Exception report number

Laboratory Data Package Cover Page

00085743

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	June 25, 2007
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:	L0706285
Project Name:	798-LONGHORN
Method:	RSK175
Prep Batch Number(s):	WG242838, WG243224
Reviewer Name:	MIKE D. ALBERTSON
LRC Date:	June 25, 2007

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

2.1 Volatiles Data

2.1.1 Volatiles GCMS Data (8260)

2.1.1.1 Summary Data

LABORATORY REPORT

00085750

L0706285

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW13	L0706285-01	8260B	1	13-JUN-07
16WW13	L0706285-01	8260B	100	13-JUN-07
16WW13-FD	L0706285-02	8260B	1	13-JUN-07
16WW13-FD	L0706285-02	8260B	100	13-JUN-07
16WW29	L0706285-03	8260B	1	13-JUN-07
16WW30	L0706285-04	8260B	1	13-JUN-07

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085751

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/12/2007 08:40**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 17:43**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 17:43**
File ID: **8M337324**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	5.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	5.00	0.125
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1.86	J	10.0	0.250
1,1,2-Trichloroethane	79-00-5	0.678	J	5.00	0.250
1,1-Dichloroethane	75-34-3	0.445	J	5.00	0.125
1,1-Dichloroethene	75-35-4	3.05	J	5.00	0.500
1,2,4-Trichlorobenzene	120-82-1		U	5.00	0.200
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	5.00	0.250
1,2-Dichlorobenzene	95-50-1		U	5.00	0.125
1,2-Dichloroethane	107-06-2		U	5.00	0.250
cis-1,2-Dichloroethene	156-59-2	373	I	10.0	0.250
trans-1,2-Dichloroethene	156-60-5	4.72	J	5.00	0.250
1,2-Dichloropropane	78-87-5		U	5.00	0.200
1,3-Dichlorobenzene	541-73-1		U	5.00	0.250
1,4-Dichlorobenzene	106-46-7		U	5.00	0.125
2-Butanone	78-93-3		U	10.0	2.50
2-Hexanone	591-78-6		U	10.0	2.50
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2	0.175	J	5.00	0.125
Bromodichloromethane	75-27-4		U	5.00	0.250
Bromoform	75-25-2		U	5.00	0.500
Bromomethane	74-83-9		U	10.0	0.500
Carbon disulfide	75-15-0		U	5.00	0.500
Carbon tetrachloride	56-23-5		U	5.00	0.250
Chlorobenzene	108-90-7		U	5.00	0.125
Chloroethane	75-00-3		U	10.0	0.500
Chloroform	67-66-3	2.64	J	5.00	0.125
Chloromethane	74-87-3		U	10.0	0.250
cis-1,3-Dichloropropene	10061-01-5		U	5.00	0.250
Cyclohexane	110-82-7		U	10.0	0.250
Dibromochloromethane	124-48-1		U	5.00	0.250
Dichlorodifluoromethane	75-71-8		U	10.0	0.250
Ethyl benzene	100-41-4		U	5.00	0.250
Isopropylbenzene	98-82-8		U	5.00	0.250
Methyl acetate	79-20-9		U	10.0	0.250
Methyl tert-butyl ether	1634-04-4		U	5.00	0.500
Methylcyclohexane	108-87-2		U	10.0	0.250
Methylene chloride	75-09-2	1.13	J	5.00	0.250
Styrene	100-42-5		U	5.00	0.125
Tetrachloroethene	127-18-4	0.663	J	5.00	0.250
Toluene	108-88-3	0.268	J	5.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	5.00	0.500
Trichloroethene	79-01-6	2240	I	5.00	0.250
Trichlorofluoromethane	75-69-4		U	10.0	0.250
Vinyl chloride	75-01-4	19.7		10.0	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085752

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/12/2007 08:40**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 17:43**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 17:43**
File ID: **8M337324**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	91.7	80	120	
Dibromofluoromethane	95.8	86	118	
p-Bromofluorobenzene	91.2	86	115	
Toluene-d8	94.6	88	110	

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)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085753

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242966**
Collect Date: **06/12/2007 08:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **06/19/2007 19:31**
Cal Date: **05/08/2007 16:28**
Run Date: **06/19/2007 19:31**
File ID: **6M66849**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	500	25.0
1,1,2,2-Tetrachloroethane	79-34-5		U	500	12.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		U	1000	25.0
1,1,2-Trichloroethane	79-00-5		U	500	25.0
1,1-Dichloroethane	75-34-3		U	500	12.5
1,1-Dichloroethene	75-35-4		U	500	50.0
1,2,4-Trichlorobenzene	120-82-1		U	500	20.0
1,2-Dibromo-3-chloropropane	96-12-8		U	500	100
1,2-Dibromoethane	106-93-4		U	500	25.0
1,2-Dichlorobenzene	95-50-1		U	500	12.5
1,2-Dichloroethane	107-06-2		U	500	25.0
cis-1,2-Dichloroethene	156-59-2	319	J	1000	25.0
trans-1,2-Dichloroethene	156-60-5		U	500	25.0
1,2-Dichloropropane	78-87-5		U	500	20.0
1,3-Dichlorobenzene	541-73-1		U	500	25.0
1,4-Dichlorobenzene	106-46-7		U	500	12.5
2-Butanone	78-93-3		U	1000	250
2-Hexanone	591-78-6		U	1000	250
4-Methyl-2-pentanone	108-10-1		U	1000	250
Acetone	67-64-1		U	1000	250
Benzene	71-43-2		U	500	12.5
Bromodichloromethane	75-27-4		U	500	25.0
Bromoform	75-25-2		U	500	50.0
Bromomethane	74-83-9		U	1000	50.0
Carbon disulfide	75-15-0		U	500	50.0
Carbon tetrachloride	56-23-5		U	500	25.0
Chlorobenzene	108-90-7		U	500	12.5
Chloroethane	75-00-3		U	1000	50.0
Chloroform	67-66-3		U	500	12.5
Chloromethane	74-87-3		U	1000	25.0
cis-1,3-Dichloropropene	10061-01-5		U	500	25.0
Cyclohexane	110-82-7		U	1000	25.0
Dibromochloromethane	124-48-1		U	500	25.0
Dichlorodifluoromethane	75-71-8		U	1000	25.0
Ethyl benzene	100-41-4		U	500	25.0
Isopropylbenzene	98-82-8		U	500	25.0
Methyl acetate	79-20-9		U	1000	25.0
Methyl tert-butyl ether	1634-04-4		U	500	50.0
Methylcyclohexane	108-87-2		U	1000	25.0
Methylene chloride	75-09-2		U	500	25.0
Styrene	100-42-5		U	500	12.5
Tetrachloroethene	127-18-4		U	500	25.0
Toluene	108-88-3		U	500	25.0
trans-1,3-Dichloropropene	10061-02-6		U	500	50.0
Trichloroethene	79-01-6	8760		500	25.0
Trichlorofluoromethane	75-69-4		U	1000	25.0
Vinyl chloride	75-01-4		U	1000	25.0
Xylenes, Total	1330-20-7		U	500	50.0

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085754

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242966**
Collect Date: **06/12/2007 08:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **06/19/2007 19:31**
Cal Date: **05/08/2007 16:28**
Run Date: **06/19/2007 19:31**
File ID: **6M66849**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	114	80	120	
Dibromofluoromethane	109	86	118	
p-Bromofluorobenzene	102	86	115	
Toluene-d8	94.9	88	110	

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: **L0706285**
Report Date : **June 25, 2007**

00085755

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/12/2007 09:00**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 18:13**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 18:13**
File ID: **8M337325**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	5.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	5.00	0.125
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1.62	J	10.0	0.250
1,1,2-Trichloroethane	79-00-5	0.795	J	5.00	0.250
1,1-Dichloroethane	75-34-3	0.467	J	5.00	0.125
1,1-Dichloroethene	75-35-4	3.07	J	5.00	0.500
1,2,4-Trichlorobenzene	120-82-1		U	5.00	0.200
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	5.00	0.250
1,2-Dichlorobenzene	95-50-1		U	5.00	0.125
1,2-Dichloroethane	107-06-2		U	5.00	0.250
cis-1,2-Dichloroethene	156-59-2	366	I	10.0	0.250
trans-1,2-Dichloroethene	156-60-5	4.53	J	5.00	0.250
1,2-Dichloropropane	78-87-5		U	5.00	0.200
1,3-Dichlorobenzene	541-73-1		U	5.00	0.250
1,4-Dichlorobenzene	106-46-7		U	5.00	0.125
2-Butanone	78-93-3		U	10.0	2.50
2-Hexanone	591-78-6		U	10.0	2.50
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2	0.176	J	5.00	0.125
Bromodichloromethane	75-27-4		U	5.00	0.250
Bromoform	75-25-2		U	5.00	0.500
Bromomethane	74-83-9		U	10.0	0.500
Carbon disulfide	75-15-0		U	5.00	0.500
Carbon tetrachloride	56-23-5		U	5.00	0.250
Chlorobenzene	108-90-7		U	5.00	0.125
Chloroethane	75-00-3		U	10.0	0.500
Chloroform	67-66-3	2.55	J	5.00	0.125
Chloromethane	74-87-3		U	10.0	0.250
cis-1,3-Dichloropropene	10061-01-5		U	5.00	0.250
Cyclohexane	110-82-7		U	10.0	0.250
Dibromochloromethane	124-48-1		U	5.00	0.250
Dichlorodifluoromethane	75-71-8		U	10.0	0.250
Ethyl benzene	100-41-4		U	5.00	0.250
Isopropylbenzene	98-82-8		U	5.00	0.250
Methyl acetate	79-20-9		U	10.0	0.250
Methyl tert-butyl ether	1634-04-4		U	5.00	0.500
Methylcyclohexane	108-87-2		U	10.0	0.250
Methylene chloride	75-09-2	0.966	J	5.00	0.250
Styrene	100-42-5		U	5.00	0.125
Tetrachloroethene	127-18-4	0.730	J	5.00	0.250
Toluene	108-88-3	0.274	J	5.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	5.00	0.500
Trichloroethene	79-01-6	2210	I	5.00	0.250
Trichlorofluoromethane	75-69-4		U	10.0	0.250
Vinyl chloride	75-01-4	19.4		10.0	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085756

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242808**
Collect Date: **06/12/2007 09:00**
Sample Tag: **01**

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

Instrument: **HPMS8**
Prep Date: **06/18/2007 18:13**
Cal Date: **05/06/2007 18:59**
Run Date: **06/18/2007 18:13**
File ID: **8M337325**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	91.6	80	120	
Dibromofluoromethane	96.2	86	118	
p-Bromofluorobenzene	93.1	86	115	
Toluene-d8	95.7	88	110	

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)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085757

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242966**
Collect Date: **06/12/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **06/19/2007 20:03**
Cal Date: **05/08/2007 16:28**
Run Date: **06/19/2007 20:03**
File ID: **6M66850**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	500	25.0
1,1,2,2-Tetrachloroethane	79-34-5		U	500	12.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		U	1000	25.0
1,1,2-Trichloroethane	79-00-5		U	500	25.0
1,1-Dichloroethane	75-34-3		U	500	12.5
1,1-Dichloroethene	75-35-4		U	500	50.0
1,2,4-Trichlorobenzene	120-82-1		U	500	20.0
1,2-Dibromo-3-chloropropane	96-12-8		U	500	100
1,2-Dibromoethane	106-93-4		U	500	25.0
1,2-Dichlorobenzene	95-50-1		U	500	12.5
1,2-Dichloroethane	107-06-2		U	500	25.0
cis-1,2-Dichloroethene	156-59-2	315	J	1000	25.0
trans-1,2-Dichloroethene	156-60-5		U	500	25.0
1,2-Dichloropropane	78-87-5		U	500	20.0
1,3-Dichlorobenzene	541-73-1		U	500	25.0
1,4-Dichlorobenzene	106-46-7		U	500	12.5
2-Butanone	78-93-3		U	1000	250
2-Hexanone	591-78-6		U	1000	250
4-Methyl-2-pentanone	108-10-1		U	1000	250
Acetone	67-64-1		U	1000	250
Benzene	71-43-2		U	500	12.5
Bromodichloromethane	75-27-4		U	500	25.0
Bromoform	75-25-2		U	500	50.0
Bromomethane	74-83-9		U	1000	50.0
Carbon disulfide	75-15-0		U	500	50.0
Carbon tetrachloride	56-23-5		U	500	25.0
Chlorobenzene	108-90-7		U	500	12.5
Chloroethane	75-00-3		U	1000	50.0
Chloroform	67-66-3		U	500	12.5
Chloromethane	74-87-3		U	1000	25.0
cis-1,3-Dichloropropene	10061-01-5		U	500	25.0
Cyclohexane	110-82-7		U	1000	25.0
Dibromochloromethane	124-48-1		U	500	25.0
Dichlorodifluoromethane	75-71-8		U	1000	25.0
Ethyl benzene	100-41-4		U	500	25.0
Isopropylbenzene	98-82-8		U	500	25.0
Methyl acetate	79-20-9		U	1000	25.0
Methyl tert-butyl ether	1634-04-4		U	500	50.0
Methylcyclohexane	108-87-2		U	1000	25.0
Methylene chloride	75-09-2		U	500	25.0
Styrene	100-42-5		U	500	12.5
Tetrachloroethene	127-18-4		U	500	25.0
Toluene	108-88-3		U	500	25.0
trans-1,3-Dichloropropene	10061-02-6		U	500	50.0
Trichloroethene	79-01-6	8810		500	25.0
Trichlorofluoromethane	75-69-4		U	1000	25.0
Vinyl chloride	75-01-4		U	1000	25.0
Xylenes, Total	1330-20-7		U	500	50.0

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085758

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242966**
Collect Date: **06/12/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **06/19/2007 20:03**
Cal Date: **05/08/2007 16:28**
Run Date: **06/19/2007 20:03**
File ID: **6M66850**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	112	80	120	
Dibromofluoromethane	110	86	118	
p-Bromofluorobenzene	101	86	115	
Toluene-d8	94.7	88	110	

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: **L0706285**
Report Date : **June 25, 2007**

00085759

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/12/2007 10:47**
Sample Tag: **01**

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

Instrument: **HPMS10**
Prep Date: **06/19/2007 16:02**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 16:02**
File ID: **10M56255**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	5.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	5.00	0.125
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		U	10.0	0.250
1,1,2-Trichloroethane	79-00-5		U	5.00	0.250
1,1-Dichloroethane	75-34-3		U	5.00	0.125
1,1-Dichloroethene	75-35-4		U	5.00	0.500
1,2,4-Trichlorobenzene	120-82-1		U	5.00	0.200
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	5.00	0.250
1,2-Dichlorobenzene	95-50-1		U	5.00	0.125
1,2-Dichloroethane	107-06-2		U	5.00	0.250
cis-1,2-Dichloroethene	156-59-2	0.899	J	10.0	0.250
trans-1,2-Dichloroethene	156-60-5		U	5.00	0.250
1,2-Dichloropropane	78-87-5		U	5.00	0.200
1,3-Dichlorobenzene	541-73-1		U	5.00	0.250
1,4-Dichlorobenzene	106-46-7		U	5.00	0.125
2-Butanone	78-93-3		U	10.0	2.50
2-Hexanone	591-78-6		U	10.0	2.50
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	5.00	0.125
Bromodichloromethane	75-27-4		U	5.00	0.250
Bromoform	75-25-2		U	5.00	0.500
Bromomethane	74-83-9		U	10.0	0.500
Carbon disulfide	75-15-0		U	5.00	0.500
Carbon tetrachloride	56-23-5		U	5.00	0.250
Chlorobenzene	108-90-7		U	5.00	0.125
Chloroethane	75-00-3		U	10.0	0.500
Chloroform	67-66-3		U	5.00	0.125
Chloromethane	74-87-3		U	10.0	0.250
cis-1,3-Dichloropropene	10061-01-5		U	5.00	0.250
Cyclohexane	110-82-7		U	10.0	0.250
Dibromochloromethane	124-48-1		U	5.00	0.250
Dichlorodifluoromethane	75-71-8		U	10.0	0.250
Ethyl benzene	100-41-4		U	5.00	0.250
Isopropylbenzene	98-82-8		U	5.00	0.250
Methyl acetate	79-20-9		U	10.0	0.250
Methyl tert-butyl ether	1634-04-4		U	5.00	0.500
Methylcyclohexane	108-87-2		U	10.0	0.250
Methylene chloride	75-09-2	0.594	J	5.00	0.250
Styrene	100-42-5		U	5.00	0.125
Tetrachloroethene	127-18-4	0.478	J	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	5.00	0.500
Trichloroethene	79-01-6	6.87		5.00	0.250
Trichlorofluoromethane	75-69-4		U	10.0	0.250
Vinyl chloride	75-01-4		U	10.0	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085760

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/12/2007 10:47**
Sample Tag: **01**

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

Instrument: **HPMS10**
Prep Date: **06/19/2007 16:02**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 16:02**
File ID: **10M56255**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	104	80	120	
Dibromofluoromethane	98.8	86	118	
p-Bromofluorobenzene	97.9	86	115	
Toluene-d8	98.9	88	110	

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: **L0706285**
Report Date : **June 25, 2007**

00085761

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/12/2007 12:10**
Sample Tag: **01**

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

Instrument: **HPMS10**
Prep Date: **06/19/2007 16:33**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 16:33**
File ID: **10M56256**

Analyte	CAS. Number	Result	Qual	PQL	SQL
1,1,1-Trichloroethane	71-55-6		U	5.00	0.250
1,1,2,2-Tetrachloroethane	79-34-5		U	5.00	0.125
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		U	10.0	0.250
1,1,2-Trichloroethane	79-00-5		U	5.00	0.250
1,1-Dichloroethane	75-34-3		U	5.00	0.125
1,1-Dichloroethene	75-35-4		U	5.00	0.500
1,2,4-Trichlorobenzene	120-82-1		U	5.00	0.200
1,2-Dibromo-3-chloropropane	96-12-8		U	5.00	1.00
1,2-Dibromoethane	106-93-4		U	5.00	0.250
1,2-Dichlorobenzene	95-50-1		U	5.00	0.125
1,2-Dichloroethane	107-06-2		U	5.00	0.250
cis-1,2-Dichloroethene	156-59-2	0.349	J	10.0	0.250
trans-1,2-Dichloroethene	156-60-5		U	5.00	0.250
1,2-Dichloropropane	78-87-5		U	5.00	0.200
1,3-Dichlorobenzene	541-73-1		U	5.00	0.250
1,4-Dichlorobenzene	106-46-7		U	5.00	0.125
2-Butanone	78-93-3		U	10.0	2.50
2-Hexanone	591-78-6		U	10.0	2.50
4-Methyl-2-pentanone	108-10-1		U	10.0	2.50
Acetone	67-64-1		U	10.0	2.50
Benzene	71-43-2		U	5.00	0.125
Bromodichloromethane	75-27-4		U	5.00	0.250
Bromoform	75-25-2		U	5.00	0.500
Bromomethane	74-83-9		U	10.0	0.500
Carbon disulfide	75-15-0		U	5.00	0.500
Carbon tetrachloride	56-23-5		U	5.00	0.250
Chlorobenzene	108-90-7		U	5.00	0.125
Chloroethane	75-00-3		U	10.0	0.500
Chloroform	67-66-3		U	5.00	0.125
Chloromethane	74-87-3		U	10.0	0.250
cis-1,3-Dichloropropene	10061-01-5		U	5.00	0.250
Cyclohexane	110-82-7		U	10.0	0.250
Dibromochloromethane	124-48-1		U	5.00	0.250
Dichlorodifluoromethane	75-71-8		U	10.0	0.250
Ethyl benzene	100-41-4		U	5.00	0.250
Isopropylbenzene	98-82-8		U	5.00	0.250
Methyl acetate	79-20-9		U	10.0	0.250
Methyl tert-butyl ether	1634-04-4		U	5.00	0.500
Methylcyclohexane	108-87-2		U	10.0	0.250
Methylene chloride	75-09-2	0.700	J	5.00	0.250
Styrene	100-42-5		U	5.00	0.125
Tetrachloroethene	127-18-4	0.336	J	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	5.00	0.500
Trichloroethene	79-01-6	20.1		5.00	0.250
Trichlorofluoromethane	75-69-4		U	10.0	0.250
Vinyl chloride	75-01-4		U	10.0	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085762

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG242929**
Collect Date: **06/12/2007 12:10**
Sample Tag: **01**

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

Instrument: **HPMS10**
Prep Date: **06/19/2007 16:33**
Cal Date: **05/17/2007 15:55**
Run Date: **06/19/2007 16:33**
File ID: **10M56256**

Surrogate	% Recovery	Lower	Upper	Qual
1,2-Dichloroethane-d4	103	80	120	
Dibromofluoromethane	96.5	86	118	
p-Bromofluorobenzene	94.0	86	115	
Toluene-d8	96.7	88	110	

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

2.1.1.2 QC Summary Data

Example 8260 Calculations

1.0 Calculating the Response Factor (RF) from the initial calibration (ICAL) data:

RF = [(Ax) (Cis)] / [(Ais) (Cx)]

where:	Example
Ax = Area of the characteristic ion for the compound being measured:	3399156
Cis = Concentration of the specific internal standard (ug/mL)	25
Ais = Area of the characteristic ion of the specific internal standard	846471
Cx = Concentration of the compound in the standard being measured (ug/mL)	100
RF = Calculated Response Factor	**1.0039**

2.0 Calculating the concentration (C) of a compound in water using the average RF: *

Cx = [(Ax) (Cis) (Vn)(D)] / [(Ais) (RF) (Vs)]

where:	**Example**
Ax = Area of the characteristic ion for the compound being measured	**3122498**
Cis = Concentration of the specific internal standard (ug/L)	**25**
D = Dilution factor for sample as a multiplier (10x = 10)	**1**
Ais = Area of the characteristic ion of the specific internal standard	**611048**
RF = Average RF from the ICAL	**1.004**
Vs = Purge volume of sample (mL)	**10**
Vn = Nominal purge volume of sample (mL) (10.0 mL)	**10**
Cx = Concentration of the compound in the sample being measured (ug/L)	**127.2428**

3.0 Calculating the concentration (C) of a compound in soil using the average RF: *

Cx = [(Ax) (Cis) (Wn)(D)] / [(Ais) (RF) (Ws)]

where:	**Example**
Ax = Area of the characteristic ion for the compound being measured	**3122498**
Cis = Concentration of the specific internal standard (ug/L)	**25**
D = Dilution factor for sample as a multiplier (10x = 10)	**1**
Ais = Area of the characteristic ion of the specific internal standard	**611048**
RF = Average RF from the ICAL	**1.004**
Ws = Weight of sample purged (g)	**5**
Wn = Nominal purge weight (g) (5.0 g)	**5**
Cx = Concentration of the compound in the sample being measured (ug/L)	**127.2428**

Dry weight correction:

Percent solids (PCT_S)	**50**
Cd = (Cx) (100)/PCT_S	**254.4856**

* Concentrations appearing on the instrument quantitation reports are on-column results and do not take into account initial volume, final volume, and the dilution factor.

4.0 Concentration from Linear Regression

Step 1: Retrieve Curve Data From Plot, y = mx + b

y = response ratio = response of analyte / response of IS = Ax/Ais

x = amount ratio = concentration analyte/concentration internal standard = Cx / Cis

m = slope from curve = 0.213

b = intercept from curve = - 0.00642

Step 2: Calculate y from Quantitation Report

y = 86550/593147 = 0.1459

Step 3: Solve for x

x = (y - b)/m = [(0.1459 -(- 0.00642)]/ 0.213 = 0.7152

Step 4: Solve for analyte concentration Cx

Cx = Cis (x) = (25.0)(0.7152) = 17.88

Example Spreadsheet Calculation:

Slope from curve, m:	**0.213**
Intercept from curve, b:	**-0.00642**
Area of analyte, Ax:	**86550**
Area of Internal Standard , Ais:	**593147**
Concentration of IS, Cis	**25.00**
Response Ratio:	**0.145917**
Amount Ratio:	**0.715195**
Concentration:	**17.87988**
Units of Internal Standard:	**ug/L**

5.0 Concentration from Quadratic Regression

Step 1 - Retrieve Curve Data from Plot, y = Ax^2 + Bx + C
Where:
Ax^2 + Bx + (C - y) = 0
A, B, C = constants from the ICAL quadratic regression
y = Response ratio = Area of analyte/Area of internal standard (IS)
x = Amount ratio = Concentration of analyte/concentration of IS

Step 2: Calculate y from Quantitation Report

y = Ax/Ais

Step 3: Solve for x using the quadratic formula
Ax^2 + Bx + C - y = 0

$$x = \frac{b \pm \sqrt{\left(b^2 - 4a(c - y)\right)}}{2a}$$ (Two possible solutions)

Step 4: Solve for analyte concentration Cx

Cx = (Cis)(Amount ratio)

Example Spreadsheet Calculation:

Value of A from plot:	**-0.00629**	
Value of B from plot:	**0.511**	
Value of C from plot:	**-0.0276**	
Area of unknown from quantitation report:	**293821**	
Area of IS from quantiation report:	**784848**	
Response ratio, y:	**0.374367**	
C - y:	**-0.40197**	
Root 1 - Computed amount ratio , X1:	**80.44567**	
Root 2 - Computed amount ratio , X2:	**0.794396**	use this solution
Concentration of IS, Cis:	**25.00**	
Concentration of analyte, Cx:	**19.86**	ug/L

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 050607
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: 19052

Internal Standard: STD19068 Surrogate Standard: STD19230
CCV: STD19238 LCS: STD19189 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG239619

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M336159	WG239619-01 BFB 50ng STD 8260	NA	1	1	STD19115	05/06/07 13:14
2	8M336160	SYSTEM BLANK	NA	1	1		05/06/07 13:48
3	8M336161	WG239619-02 0.30ug/L STD 8260	NA	1	1	STD19238	05/06/07 14:19
4	8M336162	WG239619-03 0.40ug/L STD 8260	NA	1	1	STD19238	05/06/07 15:02
5	8M336163	WG239619-04 1ug/L STD 8260	NA	1	1	STD19238	05/06/07 15:32
6	8M336164	WG239619-05 2ug/L STD 8260	NA	1	1	STD19238	05/06/07 16:01
7	8M336165	WG239619-06 5ug/L STD 8260	NA	1	1	STD19238	05/06/07 16:31
8	8M336166	WG239619-07 20ug/L STD 8260	NA	1	1	STD19238	05/06/07 17:01
9	8M336167	WG239619-08 50ug/L STD 8260	NA	1	1	STD19238	05/06/07 17:30
10	8M336168	WG239619-09 100ug/L STD 8260	NA	1	1	STD19238	05/06/07 18:00
11	8M336169	WG239619-10 200ug/L STD 8260	NA	1	1	STD19238	05/06/07 18:30
12	8M336170	WG239619-11 300ug/L STD 8260	NA	1	1	STD19238	05/06/07 18:59
13	8M336171	SYSTEM BLANK	NA	1	1		05/06/07 19:29
14	8M336172	SYSTEM BLANK	NA	1	1		05/06/07 19:59
15	8M336173	WG239619-12 20ug/L ALT SOURCE STD 8	NA	1	1	STD19189	05/06/07 20:28
16	8M336174	SYSTEM BLANK	NA	1	1		05/06/07 20:58
17	8M336175	SYSTEM BLANK	NA	1	1		05/06/07 21:28

Approved: May 11, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 050807
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: 19068

Internal Standard: STD19123 Surrogate Standard: STD18866
CCV: STD19281 LCS: STD019260 MS/MSD: STD19260

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG239757;WG239858

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M65863	WG239757-01 BFB 50ng STD 8260	NA	1	1	STD19115	05/08/07 06:36
2	6M65864	WG239757-02 50ug/L STD 8260	NA	1	1	STD19156	05/08/07 07:07
3	6M65865	WG239757-02 50ug/L STD 8260	NA	1	1	STD19156	05/08/07 07:43
4	6M65866	SYSTEM BLANK	NA	1	1		05/08/07 08:15
5	6M65867	WG239757-02 0.30ug/L STD 8260	NA	1	1	STD19281	05/08/07 08:50
6	6M65868	WG239757-03 0.40ug/L STD 8260	NA	1	1	STD19281	05/08/07 09:23
7	6M65869	WG239757-04 1ug/L STD 8260	NA	1	1	STD19281	05/08/07 09:55
8	6M65870	WG239757-05 2ug/L STD 8260	NA	1	1	STD19281	05/08/07 10:26
9	6M65871	WG239757-06 5ug/L STD 8260	NA	1	1	STD19281	05/08/07 10:58
10	6M65872	WG239757-07 20ug/L STD 8260	NA	1	1	STD19281	05/08/07 11:31
11	6M65873	WG239757-08 50ug/L STD 8260	NA	1	1	STD19281	05/08/07 12:03
12	6M65874	WG239757-09 100ug/L STD 8260	NA	1	1	STD19281	05/08/07 12:35
13	6M65875	WG239757-10 200ug/L STD 8260	NA	1	1	STD19281	05/08/07 13:07
14	6M65876	WG239757-11 300ug/L STD 8260	NA	1	1	STD19281	05/08/07 13:39
15	6M65877	SYSTEM BLANK	NA	1	1		05/08/07 14:11
16	6M65878	SYSTEM BLANK	NA	1	1		05/08/07 14:42
17	6M65879	WG239757-03 0.40ug/L STD 8260	NA	1	1	STD19281	05/08/07 15:14
18	6M65880	WG239757-04 1ug/L STD 8260	NA	1	1	STD19281	05/08/07 15:46
19	6M65881	WG239757-05 2ug/L STD 8260	NA	1	1	STD19281	05/08/07 16:28
20	6M65882	WG239757-12 20ug/L ALT SOURCE STD 8	NA	1	1	STD19260	05/08/07 17:21
21	6M65883	WG239857-01 BFB 50ng STD 8260	NA	1	1	STD19115	05/08/07 17:52
22	6M65884	WG239857-01 BFB 50ng STD 8260	NA	1	1	STD19115	05/08/07 18:16
23	6M65885	WG239857-02 50ug/L STD 8260	NA	1	1	STD19281	05/08/07 18:47
24	6M65886	WG239858-01 VBLK0508 BLANK 8260	NA	1	1		05/08/07 19:19
25	6M65887	WG239858-01 VBLK0508 BLANK 8260	NA	1	1		05/08/07 19:51
26	6M65888	WG239858-02 20ug/L LCS STD 8260	NA	1	1	STD19260	05/08/07 20:23
27	6M65889	L0705002-06 B 2X 826-SPE	<2	1	2		05/08/07 20:56
28	6M65890	L0705002-10 B 826-SPE	<2	1	1		05/08/07 21:29
29	6M65891	L0705015-01 826-SPE	<2	1	1		05/08/07 22:01
30	6M65892	L0705015-07 826-SPE	<2	1	1		05/08/07 22:33
31	6M65893	L0705014-13 826-SPE	<2	1	1		05/08/07 23:06
32	6M65894	L0705014-05 826-SPE	<2	1	1		05/08/07 23:39
33	6M65895	L0705014-07 MS 826-SPE	<2	1	1	STD19260	05/09/07 00:12
34	6M65896	L0705014-08 MSD 826-SPE	<2	1	1	STD19260	05/09/07 00:45

Approved: May 11, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 050807
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: 19068

Internal Standard: STD19123 Surrogate Standard: STD18866
CCV: STD19281 LCS: STD019260 MS/MSD: STD19260

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG239757;WG239858

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
35	6M65897	L0705014-01 826-SPE	<2	1	1		05/09/07 01:18

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2	X		Check Standard Failure	
File ID: 6M65864				
	DNR			
3	X		Check Standard Failure	
File ID: 6M65865				
	DNR-RR CURVE			
6	X			
File ID: 6M65868				
	DNR			
7	X			
File ID: 6M65869				
	DNR			
8	X			
File ID: 6M65870				
	DNR			
21	X			
File ID: 6M65883				
	Tune failed/DNR			
24	X		Carry-over contamination	
File ID: 6M65886				
	DNR			

Approved: May 11, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 051707
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19217

Internal Standard: STD19516 Surrogate Standard: STD19475
CCV: STD19405 LCS: STD19455 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG240519/WG240585

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M55392	SYSTEM BLANK	NA	1	1		05/17/07 08:00
2	10M55393	WG240519-01 50NG BFB STD 8260	NA	1	1	STD19115	05/17/07 08:30
3	10M55394	SYSTEM BLANK	NA	1	1		05/17/07 08:53
4	10M55395	WG240519-02 0.3ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 09:35
5	10M55396	WG240519-03 0.4 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 10:07
6	10M55397	WG240519-02 0.3 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 10:39
7	10M55398	WG240519-02 0.3 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 11:11
8	10M55399	WG240519-03 0.4 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 11:42
9	10M55400	WG240519-04 1 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 12:14
10	10M55401	WG240519-05 2 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 12:45
11	10M55402	WG240519-06 5 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 13:17
12	10M55403	WG240519-07 20 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 13:48
13	10M55404	WG240519-08 50 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 14:20
14	10M55405	WG240519-09 100 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 14:51
15	10M55406	WG240519-10 200 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 15:24
16	10M55407	WG240519-11 300 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 15:55
17	10M55408	SYSTEM BLANK	NA	1	1		05/17/07 16:27
18	10M55409	WG240519-12 20ug/L ALT SOURCE	NA	1	1	STD19455	05/17/07 16:59
19	10M55410	WG240584-01 50NG BFB STD 8260	NA	1	1	STD19115	05/17/07 18:06
20	10M55411	WG240584-01 50NG BFB STD 8260	NA	1	1	STD19115	05/17/07 18:23
21	10M55412	WG240584-02 50ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 18:47
22	10M55413	WG240585-01 VBLK0517 BLANK 8260	NA	1	1		05/17/07 19:19
23	10M55414	WG240585-01 VBLK0517 BLANK 8260	NA	1	1		05/17/07 19:51
24	10M55415	WG240585-02 20ug/L LCS 8260	NA	1	1	STD19455	05/17/07 20:24
25	10M55416	WG240585-03 20ug/L LCSDUP 8260	NA	1	1	STD19455	05/17/07 20:56
26	10M55417	L0705370-01 A 826-LOW	<2	1	1		05/17/07 21:28
27	10M55418	L0705213-03 A 826-SPE	<2	1	1		05/17/07 22:00
28	10M55419	L0705262-03 A 8260	<2	1	1		05/17/07 22:32
29	10M55420	L0705245-01 A 826-SPE	<2	1	1		05/17/07 23:04
30	10M55421	L0705245-02 A 826-SPE	<2	1	1		05/17/07 23:36
31	10M55422	L0705245-03 A 826-SPE	<2	1	1		05/18/07 00:08
32	10M55423	L0705245-04 A 826-SPE	<2	1	1		05/18/07 00:40
33	10M55424	L0705245-05 A 826-SPE	<2	1	1		05/18/07 01:11
34	10M55425	L0705245-06 A 826-SPE	<2	1	1		05/18/07 01:43

Approved: May 21, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 051707
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19217

Internal Standard: STD19516 Surrogate Standard: STD19475
CCV: STD19405 LCS: STD19455 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG240519/WG240585

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
35	10M55426	L0705245-08 A 826-SPE	<2	1	1		05/18/07 02:15
36	10M55427	L0705245-09 A 826-SPE	<2	1	1		05/18/07 02:47
37	10M55428	L0705245-10 A 826-SPE	<2	1	1		05/18/07 03:18
38	10M55429	L0705212-06 A 826-SPE	<2	1	1		05/18/07 03:50
39	10M55430	L0705212-07 A 826-SPE	<2	1	1		05/18/07 04:22
40	10M55431	L0705212-08 A 10X 826-SPE	NA	1	10		05/18/07 04:53
41	10M55432	L0705212-09 A 826-SPE	<2	1	1		05/18/07 05:25
42	10M55433	L0705213-01 A 826-SPE	<2	1	1		05/18/07 05:57
43	10M55434	L0705213-02 A 826-SPE	<2	1	1		05/18/07 06:29
44	10M55435	SYSTEM BLANK	NA	1	1		05/18/07 07:00

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4				
File ID: 10M55395				
RR-sparge tube leaking.				
5				
File ID: 10M55396				
RR-sparge tube leaking.				
6				
File ID: 10M55397				
RR-sparge tube leaking.				
19				
File ID: 10M55410				
RR, BFB failed.				
40	X	100	Over Calibration Range	acetone
File ID: 10M55431				
Sample contains permanganate.				
43	X	1	Missed Tune	
File ID: 10M55434				

Approved: May 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 061807
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 19625

Internal Standard: STD19574 Surrogate Standard: STD19476
CCV: STD20011 LCS: STD20015 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242808

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M337303	WG242807-01 BFB 50ng STD 8260	NA	1	1	STD19781	06/18/07 07:27
2	8M337304	WG242807-01 BFB 50ng STD 8260	NA	1	1	STD19781	06/18/07 07:49
3	8M337305	WG242807-02 50ug/L STD 8260	NA	1	1	STD20011	06/18/07 08:17
4	8M337306	WG242808-01 VBLK0618 BLANK 8260	NA	1	1		06/18/07 08:47
5	8M337307	WG242808-02 20ug/L LCS STD 8260	NA	1	1	STD20015	06/18/07 09:17
6	8M337308	WG242808-03 20ug/L LCSDUP STD 8260	NA	1	1	STD20015	06/18/07 09:46
7	8M337309	L0706201-01 B 25X 826-SPE D1	=6	1	25		06/18/07 10:16
8	8M337310	L0706201-04 B 5X 826-SPE D1	<2	1	5		06/18/07 10:46
9	8M337311	L0706201-07 B 5X 826-SPE D1	<2	1	5		06/18/07 11:16
10	8M337312	L0706201-08 B 5X 826-SPE D1	<2	1	5		06/18/07 11:46
11	8M337313	L0706201-10 B 5X 826-SPE D1	=5	1	5		06/18/07 12:16
12	8M337314	L0706284-05 A 826-SPE/826-LS	<2	1	1		06/18/07 12:45
13	8M337315	L0706233-07 A 826-SPE1	<2	1	1		06/18/07 13:15
14	8M337316	L0706255-03 A 10X 826-SPE	<2	1	10		06/18/07 13:45
15	8M337317	L0706255-04 A 5X 826-SPE	<2	1	5		06/18/07 14:15
16	8M337318	L0706255-05 A 5X 826-SPE	<2	1	5		06/18/07 14:44
17	8M337319	L0706255-02 A 826-SPE	<2	1	1		06/18/07 15:14
18	8M337320	L0706260-01 A 826-SPE	<2	1	1		06/18/07 15:44
19	8M337321	L0706260-02 A 826-SPE	<2	1	1		06/18/07 16:14
20	8M337322	L0706260-03 A 826-SPE	<2	1	1		06/18/07 16:44
21	8M337323	L0706260-04 A 826-SPE	<2	1	1		06/18/07 17:13
22	8M337324	L0706285-01 A 826-SPE	<2	1	1		06/18/07 17:43
23	8M337325	L0706285-02 A 826-SPE	<2	1	1		06/18/07 18:13
24	8M337326	L0706285-03 A 826-SPE	<2	1	1		06/18/07 18:42
25	8M337327	L0706285-04 A 826-SPE	<2	1	1		06/18/07 19:12
26	8M337328	SYSTEM BLANK	NA	1	1		06/18/07 19:42
27	8M337329	SYSTEM CHECK	NA	1	1		06/18/07 20:12
28	8M337330	SYSTEM CHECK	NA	1	1		06/18/07 20:42

Comments

Seq.	Rerun	Dil.	Reason	Analytes
1	X			
File ID: 8M337303				

Approved: June 19, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 061807
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 19625

Internal Standard: STD19574 Surrogate Standard: STD19476
CCV: STD20011 LCS: STD20015 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242808

Comments

Seq.	Rerun	Dil.	Reason	Analytes
				DNR
15	X	20	Over Calibration Range	VC, cis-1,2-DCE
File ID: 8M337317				
16	X	20	Over Calibration Range	VC, cis-1,2-DCE, TCE
File ID: 8M337318				
17	X	10	Over Calibration Range	VC, TCE, confirm cis-1,2-DCE
File ID: 8M337319				
18	X		Carry-over contamination	
File ID: 8M337320				
				DNR
19	X	50	Over Calibration Range	TCE
File ID: 8M337321				
20	X	50	Over Calibration Range	TCE
File ID: 8M337322				
21	X	100	Over Calibration Range	VC, freon113, cis-1,2-DCE, TCE
File ID: 8M337323				
22	X	100	Over Calibration Range	cis-1,2-DCE, TCE
File ID: 8M337324				
23	X	100	Over Calibration Range	cis-1,2-DCE, TCE
File ID: 8M337325				
24	X		Carry-over contamination	
File ID: 8M337326				
				DNR
25	X		Carry-over contamination	
File ID: 8M337327				
				DNR

Approved: June 19, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 061907
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: 19630

Internal Standard: STD19516 Surrogate Standard: STD20017
CCV: STD20011 LCS: STD20099 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242929

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M56241	WG242928-01 50NG BFB STD 8260	NA	1	1	STD19781	06/19/07 08:45
2	10M56242	WG242928-02 50ug/L WATER STD 8260	NA	1	1	STD20011	06/19/07 09:15
3	10M56243	WG242928-02 50ug/L WATER STD 8260	NA	1	1	STD20011	06/19/07 09:46
4	10M56244	WG242929-01 VBLK0619 BLANK 8260	NA	1	1		06/19/07 10:18
5	10M56245	WG242929-01 VBLK0619 BLANK 8260	NA	1	1		06/19/07 10:49
6	10M56246	WG242929-02 20ug/L LCS 8260	NA	1	1	STD20099	06/19/07 11:21
7	10M56247	WG242929-03 20ug/L LCSDUP 8260	NA	1	1	STD20099	06/19/07 11:52
8	10M56248	L0706260-02 B D1 50X 826-SPE	<2	1	50		06/19/07 12:23
9	10M56249	L0706260-03 B D1 50X 826-SPE	<2	1	50		06/19/07 12:54
10	10M56250	L0706260-01 B 826-SPE	<2	1	1		06/19/07 13:25
11	10M56251	L0706268-42 B D1 50X 826-SPE	<2	1	50		06/19/07 13:56
12	10M56252	L0706268-51 B D1 200X 826-SPE	<2	1	200		06/19/07 14:28
13	10M56253	L0706334-06 A 826-SPE	<2	1	1		06/19/07 14:59
14	10M56254	L0706334-01 A 826-SPE	<2	1	1		06/19/07 15:30
15	10M56255	L0706285-03 B 826-SPE	<2	1	1		06/19/07 16:02
16	10M56256	L0706285-04 B 826-SPE	<2	1	1		06/19/07 16:33
17	10M56257	L0706268-19 B 826-SPE	<2	1	1		06/19/07 17:04
18	10M56258	L0706268-21 B 826-SPE	<2	1	1		06/19/07 17:35
19	10M56259	L0706268-23 B 826-SPE	<2	1	1		06/19/07 18:07
20	10M56260	L0706268-26 B 826-SPE	<2	1	1		06/19/07 18:38
21	10M56261	L0706268-30 B 826-SPE	<2	1	1		06/19/07 19:10
22	10M56262	L0706268-33 A 826-SPE	<2	1	1		06/19/07 19:42
23	10M56263	L0706268-34 A 826-SPE	<2	1	1		06/19/07 20:14
24	10M56264	L0706268-35 A 826-SPE	<2	1	1		06/19/07 20:45
25	10M56265	SYSTEM BLANK	NA	1	1		06/19/07 21:17
26	10M56266	WG242929-04 624 BLANK	NA	1	1		06/19/07 21:48
27	10M56267	L0706403-02 B 624-SPE	<2	2	1		06/19/07 22:20
28	10M56268	SYSTEM CHECK	NA	2	1		06/19/07 22:53

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2				
File ID: 10M56242				

Approved: June 20, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 061907
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: 19630

Internal Standard: STD19516 Surrogate Standard: STD20017
CCV: STD20011 LCS: STD20099 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242929

Comments

Seq.	Rerun	Dil.	Reason	Analytes

RR, vc is high.

Approved: June 20, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 061907
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 19643

Internal Standard: STD19921 Surrogate Standard: STD19922
CCV: STD20011 LCS: STD20015 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242966

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M66828	SYSTEM BLANK	NA	1	1		06/19/07 08:26
2	6M66829	SYSTEM BLANK	NA	1	1		06/19/07 08:58
3	6M66830	SYSTEM BLANK	NA	1	1		06/19/07 09:30
4	6M66831	SYSTEM BLANK	NA	1	1		06/19/07 10:03
5	6M66832	SYSTEM CHECK	NA	1	1		06/19/07 10:35
6	6M66833	SYSTEM CHECK	NA	1	1		06/19/07 11:07
7	6M66834	WG242965-01 BFB 50ng STD 8260	NA	1	1	STD19781	06/19/07 11:36
8	6M66835	WG242965-02 50ug/L STD 8260	NA	1	1	STD20011	06/19/07 12:02
9	6M66836	WG242966-01 VBLK0619 BLANK 8260	NA	1	1		06/19/07 12:34
10	6M66837	WG242966-01 VBLK0619 BLANK 8260	NA	1	1		06/19/07 13:06
11	6M66838	WG242966-02 20ug/L LCS STD 8260	NA	1	1	STD20015	06/19/07 13:38
12	6M66839	WG242966-03 20ug/L LCSDUP STD 8260	NA	1	1	STD20015	06/19/07 14:10
13	6M66840	L0706260-04 B 100X 826-SPE D1	<2	1	100		06/19/07 14:42
14	6M66841	L0706268-18 B 20X 826-SPE D1	<2	1	20		06/19/07 15:14
15	6M66842	L0706260-04 C 500X 826-SPE D2	<2	1	500		06/19/07 15:46
16	6M66843	L0706268-20 B 50X 826-SPE D1	<2	1	50		06/19/07 16:18
17	6M66844	L0706268-22 B 10X 826-SPE D1	<2	1	10		06/19/07 16:50
18	6M66845	L0706268-27 B 2X 826-SPE D1	<2	1	2		06/19/07 17:22
19	6M66846	L0706268-28 B 2X 826-SPE D1	<2	1	2		06/19/07 17:54
20	6M66847	L0706268-31 B 20X 826-SPE D1	<2	1	20		06/19/07 18:26
21	6M66848	L0706268-25 B 500X 826-SPE D1	<2	1	500		06/19/07 18:58
22	6M66849	L0706285-01 B 100X 826-SPE D1	<2	1	100		06/19/07 19:31
23	6M66850	L0706285-02 B 100X 826-SPE D1	<2	1	100		06/19/07 20:03
24	6M66851	WG242966-04 FBLK0605 FLUID BLK	NA	1	1		06/19/07 20:36
25	6M66852	L0706278-26 A 826-LOW	<2	1	1		06/19/07 21:08
26	6M66853	L0706278-03 A 826-LOW	<2	1	1		06/19/07 21:41
27	6M66854	L0706278-05 A 826-LOW	<2	1	1		06/19/07 22:13
28	6M66855	L0706278-07 A 826-LOW	<2	1	1		06/19/07 22:45
29	6M66856	L0706278-09 A 826-LOW	<2	1	1		06/19/07 23:18
30	6M66857	SYSTEM CHECK	NA	1	1		06/19/07 23:50
31	6M66858	SYSTEM CHECK	NA	1	1		06/20/07 00:23

Comments

Approved: June 20, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 061907
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 19643

Internal Standard: STD19921 Surrogate Standard: STD19922
CCV: STD20011 LCS: STD20015 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG242966

Comments

Seq.	Rerun	Dil.	Reason	Analytes
9	X		Carry-over contamination	
File ID: 6M66836				
	DNR			
13	X	500	Over Calibration Range	TCE
File ID: 6M66840				

Approved: June 20, 2007

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KEMRON Environmental Services
Data Checklist

Date: 06-MAY-2007
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 16059
Analytical Workgroups: WG239619

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	NA
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:
09-MAY-2007

Secondary Reviewer:
11-MAY-2007

Generated: MAY-11-2007 12:50:57

KEMRON Environmental Services
Data Checklist

Date: 08-MAY-2007
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 16079
Analytical Workgroups: WG239757;WG239858

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	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:
10-MAY-2007

Secondary Reviewer:
11-MAY-2007

Generated: MAY-11-2007 13:00:04

KEMRON Environmental Services
Data Checklist

Date: 17-MAY-2007
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 16250
Analytical Workgroups: WG240585/WG240519

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	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	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:
21-MAY-2007

Secondary Reviewer:
21-MAY-2007

Generated: MAY-21-2007 13:54:09

KEMRON Environmental Services
Data Checklist

Date: 18-JUN-2007
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 16723
Analytical Workgroups: WG242808

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:
19-JUN-2007

Secondary Reviewer:
19-JUN-2007

Generated: JUN-19-2007 14:14:34

KEMRON Environmental Services
Data Checklist

Date: 19-JUN-2007
Analyst: MES
Analyst: NA
Method: 8260/624
Instrument: HPMS10
Curve Workgroup: NA
Runlog ID: 16730
Analytical Workgroups: WG242929

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	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	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:
20-JUN-2007

Secondary Reviewer:
20-JUN-2007

Generated: JUN-20-2007 15:28:35

KEMRON Environmental Services
Data Checklist

Date: 19-JUN-2007
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 16744
Analytical Workgroups: WG242966

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	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:
20-JUN-2007

Secondary Reviewer:
20-JUN-2007

Generated: JUN-20-2007 15:33:52

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B **AAB#:** WG242966

Login Number: L0706285

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
16WW13-FD	06/12/07	06/13/07	06/19/07	14	7.46	06/19/07	14	7.46	
16WW13	06/12/07	06/13/07	06/19/07	14	7.45	06/19/07	14	7.45	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**

***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B **AAB#:** WG242808

Login Number: L0706285

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
16WW13-FD	06/12/07	06/13/07	06/18/07	14	6.38	06/18/07	14	6.38	
16WW13	06/12/07	06/13/07	06/18/07	14	6.38	06/18/07	14	6.38	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**

***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B **AAB#:** WG242929

Login Number: L0706285

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
16WW30	06/12/07	06/13/07	06/19/07	14	7.18	06/19/07	14	7.18	
16WW29	06/12/07	06/13/07	06/19/07	14	7.22	06/19/07	14	7.22	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**

***ANAL = SEE PROJECT QAPP REQUIREMENTS**

SURROGATE STANDARDS

Login Number: L0706285
Instrument Id: HPMS10
Workgroup (AAB#): WG242929

Method: 8260
CAL ID: HPMS10-17-MAY-07
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0706285-03	1.00	01	104	98.8	97.9	98.9
L0706285-04	1.00	01	103	96.5	94.0	96.7
WG242929-01	1.00	01	95.8	94.4	94.1	97.7
WG242929-02	1.00	01	98.9	98.1	94.7	96.6
WG242929-03	1.00	01	96.8	97.8	93.4	94.9
WG242929-04	1.00	01	120	106	96.7	98.6

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - p-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: 795160
Report generated 06/25/2007 13:55

SURROGATE STANDARDS

Login Number: L0706285
Instrument Id: HPMS8
Workgroup (AAB#): WG242808

Method: 8260
CAL ID: HPMS8-06-MAY-07
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0706285-01	1.00	01	91.7	95.8	91.2	94.6
L0706285-02	1.00	01	91.6	96.2	93.1	95.7
WG242808-01	1.00	01	84.3	94.7	88.0	95.8
WG242808-02	1.00	01	82.2	93.5	87.1	94.9
WG242808-03	1.00	01	82.1	93.3	88.1	96.6

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - p-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: 795160
Report generated 06/25/2007 13:55

SURROGATE STANDARDS

Login Number: L0706285
Instrument Id: HPMS6
Workgroup (AAB#): WG242966

Method: 8260
CAL ID: HPMS6-08-MAY-07
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0706285-01	100	DL01	114	109	102	94.9
L0706285-02	100	DL01	112	110	101	94.7
WG242966-01	1.00	01	103	106	94.9	93.9
WG242966-02	1.00	01	105	107	94.8	92.2
WG242966-03	1.00	01	101	105	96.0	91.9
WG242966-04	1.00	01	112	107	99.5	94.3

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - p-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: 795160
Report generated 06/25/2007 13:55

METHOD BLANK SUMMARY

Login Number: L0706285
Work Group: WG242929
Blank File ID: 10M56245
Blank Sample ID: WG242929-01
Prep Date: 06/19/07 10:49
Instrument ID: HPMS10
Analyzed Date: 06/19/07 10:49
Method: 8260B
Analyst: MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242929-02	10M56246	06/19/07 11:21	01
LCS2	WG242929-03	10M56247	06/19/07 11:52	01
16WW29	L0706285-03	10M56255	06/19/07 16:02	01
16WW30	L0706285-04	10M56256	06/19/07 16:33	01

METHOD BLANK SUMMARY

Login Number: L0706285
Work Group: WG242966
Blank File ID: 6M66837
Blank Sample ID: WG242966-01
Prep Date: 06/19/07 13:06
Instrument ID: HPMS6
Analyzed Date: 06/19/07 13:06
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242966-02	6M66838	06/19/07 13:38	01
LCS2	WG242966-03	6M66839	06/19/07 14:10	01
16WW13	L0706285-01	6M66849	06/19/07 19:31	DL01
16WW13-FD	L0706285-02	6M66850	06/19/07 20:03	DL01

METHOD BLANK SUMMARY

Login Number: L0706285
Work Group: WG242808
Blank File ID: 8M337306
Blank Sample ID: WG242808-01
Prep Date: 06/18/07 08:47
Instrument ID: HPMS8
Analyzed Date: 06/18/07 08:47
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242808-02	8M337307	06/18/07 09:17	01
LCS2	WG242808-03	8M337308	06/18/07 09:46	01
16WW13	L0706285-01	8M337324	06/18/07 17:43	01
16WW13-FD	L0706285-02	8M337325	06/18/07 18:13	01

Login Number:L0706285 Prep Date:06/19/07 10:49 Sample ID:WG242929-01
Instrument ID:HPMS10 Run Date:06/19/07 10:49 Prep Method:5030B
File ID:10M56245 Analyst:MES Method:8260B
Workgroup (AAB#):WG242929 Matrix:Water Units:ug/L
Contract #:DACA56-94-D-0020 Cal ID:HPMS10-17-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
1,1,1-Trichloroethane	0.250	5.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	5.00	0.125	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.250	10.0	0.250	1	U
1,1,2-Trichloroethane	0.250	5.00	0.250	1	U
1,1-Dichloroethane	0.125	5.00	0.125	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
1,2,4-Trichlorobenzene	0.200	5.00	0.200	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	5.00	0.250	1	U
1,2-Dichlorobenzene	0.125	5.00	0.125	1	U
1,2-Dichloroethane	0.250	5.00	0.250	1	U
cis-1,2-Dichloroethene	0.250	10.0	0.250	1	U
trans-1,2-Dichloroethene	0.250	5.00	0.250	1	U
1,2-Dichloropropane	0.200	5.00	0.200	1	U
1,3-Dichlorobenzene	0.250	5.00	0.250	1	U
1,4-Dichlorobenzene	0.125	5.00	0.125	1	U
2-Butanone	2.50	10.0	2.50	1	U
2-Hexanone	2.50	10.0	2.50	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	5.00	0.125	1	U
Bromodichloromethane	0.250	5.00	0.250	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	0.500	10.0	0.500	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.250	5.00	0.250	1	U
Chlorobenzene	0.125	5.00	0.125	1	U
Chloroethane	0.500	10.0	0.500	1	U
Chloroform	0.125	5.00	0.125	1	U
Chloromethane	0.250	10.0	0.250	1	U
cis-1,3-Dichloropropene	0.250	5.00	0.250	1	U
Cyclohexane	0.250	10.0	0.250	1	U
Dibromochloromethane	0.250	5.00	0.250	1	U
Dichlorodifluoromethane	0.250	10.0	0.250	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Isopropylbenzene	0.250	5.00	0.250	1	U
Methyl acetate	0.250	10.0	0.250	1	U
Methyl tert-butyl ether	0.500	5.00	0.500	1	U
Methylcyclohexane	0.250	10.0	0.250	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Styrene	0.125	5.00	0.125	1	U
Tetrachloroethene	0.250	5.00	0.250	1	U

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Login Number: L0706285 Prep Date: 06/19/07 10:49 Sample ID: WG242929-01
Instrument ID: HPMS10 Run Date: 06/19/07 10:49 Prep Method: 5030B
File ID: 10M56245 Analyst: MES Method: 8260B
Workgroup (AAB#): WG242929 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS10-17-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Toluene	0.250	5.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	5.00	0.500	1	U
Trichloroethene	0.250	5.00	0.250	1	U
Trichlorofluoromethane	0.250	10.0	0.250	1	U
Vinyl chloride	0.250	10.0	0.250	1	U
Xylenes, Total	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
1,2-Dichloroethane-d4	95.8	80 - 120	PASS
Dibromofluoromethane	94.4	86 - 118	PASS
p-Bromofluorobenzene	94.1	86 - 115	PASS
Toluene-d8	97.7	88 - 110	PASS

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

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Login Number: L0706285 Prep Date: 06/19/07 13:06 Sample ID: WG242966-01
Instrument ID: HPMS6 Run Date: 06/19/07 13:06 Prep Method: 5030B
File ID: 6M66837 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG242966 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-08-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
1,1,1-Trichloroethane	0.250	5.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	5.00	0.125	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.250	10.0	0.250	1	U
1,1,2-Trichloroethane	0.250	5.00	0.250	1	U
1,1-Dichloroethane	0.125	5.00	0.125	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
1,2,4-Trichlorobenzene	0.200	5.00	0.200	1	U
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	5.00	0.250	1	U
1,2-Dichlorobenzene	0.125	5.00	0.125	1	U
1,2-Dichloroethane	0.250	5.00	0.250	1	U
cis-1,2-Dichloroethene	0.250	10.0	0.250	1	U
trans-1,2-Dichloroethene	0.250	5.00	0.250	1	U
1,2-Dichloropropane	0.200	5.00	0.200	1	U
1,3-Dichlorobenzene	0.250	5.00	0.250	1	U
1,4-Dichlorobenzene	0.125	5.00	0.125	1	U
2-Butanone	2.50	10.0	2.50	1	U
2-Hexanone	2.50	10.0	2.50	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	5.00	0.125	1	U
Bromodichloromethane	0.250	5.00	0.250	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	0.500	10.0	0.500	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.250	5.00	0.250	1	U
Chlorobenzene	0.125	5.00	0.125	1	U
Chloroethane	0.500	10.0	0.500	1	U
Chloroform	0.125	5.00	0.125	1	U
Chloromethane	0.250	10.0	0.250	1	U
cis-1,3-Dichloropropene	0.250	5.00	0.250	1	U
Cyclohexane	0.250	10.0	0.250	1	U
Dibromochloromethane	0.250	5.00	0.250	1	U
Dichlorodifluoromethane	0.250	10.0	0.250	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Isopropylbenzene	0.250	5.00	0.250	1	U
Methyl acetate	0.250	10.0	0.250	1	U
Methyl tert-butyl ether	0.500	5.00	0.500	1	U
Methylcyclohexane	0.250	10.0	0.250	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Styrene	0.125	5.00	0.125	1	U
Tetrachloroethene	0.250	5.00	0.250	1	U

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Version 1.5 PDF File ID: 795153
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Login Number: L0706285 Prep Date: 06/19/07 13:06 Sample ID: WG242966-01
Instrument ID: HPMS6 Run Date: 06/19/07 13:06 Prep Method: 5030B
File ID: 6M66837 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG242966 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-08-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Toluene	0.250	5.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	5.00	0.500	1	U
Trichloroethene	0.250	5.00	0.250	1	U
Trichlorofluoromethane	0.250	10.0	0.250	1	U
Vinyl chloride	0.250	10.0	0.250	1	U
Xylenes, Total	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
1,2-Dichloroethane-d4	103	80	-	120	PASS
Dibromofluoromethane	106	86	-	118	PASS
p-Bromofluorobenzene	94.9	86	-	115	PASS
Toluene-d8	93.9	88	-	110	PASS

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

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Login Number: L0706285 Prep Date: 06/18/07 08:47 Sample ID: WG242808-01
Instrument ID: HPMS8 Run Date: 06/18/07 08:47 Prep Method: 5030B
File ID: 8M337306 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG242808 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-06-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
1,1,1-Trichloroethane	0.250	5.00	0.250	1	U
1,1,2,2-Tetrachloroethane	0.125	5.00	0.125	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.250	10.0	0.250	1	U
1,1,2-Trichloroethane	0.250	5.00	0.250	1	U
1,1-Dichloroethane	0.125	5.00	0.125	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
1,2,4-Trichlorobenzene	0.200	5.00	0.215	1	J
1,2-Dibromo-3-chloropropane	1.00	5.00	1.00	1	U
1,2-Dibromoethane	0.250	5.00	0.250	1	U
1,2-Dichlorobenzene	0.125	5.00	0.125	1	U
1,2-Dichloroethane	0.250	5.00	0.250	1	U
cis-1,2-Dichloroethene	0.250	10.0	0.250	1	U
trans-1,2-Dichloroethene	0.250	5.00	0.250	1	U
1,2-Dichloropropane	0.200	5.00	0.200	1	U
1,3-Dichlorobenzene	0.250	5.00	0.250	1	U
1,4-Dichlorobenzene	0.125	5.00	0.125	1	U
2-Butanone	2.50	10.0	2.50	1	U
2-Hexanone	2.50	10.0	2.50	1	U
4-Methyl-2-pentanone	2.50	10.0	2.50	1	U
Acetone	2.50	10.0	2.50	1	U
Benzene	0.125	5.00	0.125	1	U
Bromodichloromethane	0.250	5.00	0.250	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	0.500	10.0	0.500	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.250	5.00	0.250	1	U
Chlorobenzene	0.125	5.00	0.125	1	U
Chloroethane	0.500	10.0	0.500	1	U
Chloroform	0.125	5.00	0.125	1	U
Chloromethane	0.250	10.0	0.250	1	U
cis-1,3-Dichloropropene	0.250	5.00	0.250	1	U
Cyclohexane	0.250	10.0	0.250	1	U
Dibromochloromethane	0.250	5.00	0.250	1	U
Dichlorodifluoromethane	0.250	10.0	0.250	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Isopropylbenzene	0.250	5.00	0.250	1	U
Methyl acetate	0.250	10.0	0.250	1	U
Methyl tert-butyl ether	0.500	5.00	0.500	1	U
Methylcyclohexane	0.250	10.0	0.250	1	U
Methylene chloride	0.250	5.00	0.250	1	U
Styrene	0.125	5.00	0.125	1	U
Tetrachloroethene	0.250	5.00	0.250	1	U

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Version 1.5 PDF File ID: 795153
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Login Number: L0706285 Prep Date: 06/18/07 08:47 Sample ID: WG242808-01
Instrument ID: HPMS8 Run Date: 06/18/07 08:47 Prep Method: 5030B
File ID: 8M337306 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG242808 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-06-MAY-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Toluene	0.250	5.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	5.00	0.500	1	U
Trichloroethene	0.250	5.00	0.250	1	U
Trichlorofluoromethane	0.250	10.0	0.250	1	U
Vinyl chloride	0.250	10.0	0.250	1	U
Xylenes, Total	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
1,2-Dichloroethane-d4	84.3	80 - 120	PASS
Dibromofluoromethane	94.7	86 - 118	PASS
p-Bromofluorobenzene	88.0	86 - 115	PASS
Toluene-d8	95.8	88 - 110	PASS

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
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LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706285 Analyst:CMS Prep Method:5030B
Instrument ID:HPMS8 Matrix:Water Method:8260B
Workgroup (AAB#):WG242808 Units:ug/L
Sample ID:WG242808-02 LCS File ID:8M337307 Run Date:06/18/2007 09:17
Sample ID:WG242808-03 LCS2 File ID:8M337308 Run Date:06/18/2007 09:46

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
1,1,1-Trichloroethane	20.0	21.4	107	20.0	22.4	112	4.63	80 - 134	20	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	20.0	20.2	101	0.386	79 - 125	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	20.0	22.3	111	20.0	23.3	117	4.51	80 - 130	20	
1,1,2-Trichloroethane	20.0	21.1	105	20.0	21.2	106	0.533	80 - 125	20	
1,1-Dichloroethane	20.0	20.8	104	20.0	21.8	109	4.60	80 - 125	20	
1,1-Dichloroethene	20.0	21.4	107	20.0	22.6	113	5.45	80 - 132	20	
1,2,4-Trichlorobenzene	20.0	17.4	86.9	20.0	17.9	89.4	2.86	65 - 135	20	
1,2-Dibromo-3-chloropropane	20.0	16.5	82.6	20.0	15.6	78.0	5.74	50 - 130	20	
1,2-Dibromoethane	20.0	20.5	102	20.0	20.6	103	0.485	80 - 125	20	
1,2-Dichlorobenzene	20.0	19.2	95.9	20.0	19.8	99.0	3.27	80 - 125	20	
1,2-Dichloroethane	20.0	20.2	101	20.0	20.4	102	0.909	80 - 129	20	
cis-1,2-Dichloroethene	20.0	21.9	109	20.0	22.8	114	4.43	70 - 125	20	
trans-1,2-Dichloroethene	20.0	20.8	104	20.0	22.0	110	5.68	80 - 127	20	
1,2-Dichloropropane	20.0	22.0	110	20.0	22.8	114	3.70	80 - 120	20	
1,3-Dichlorobenzene	20.0	19.3	96.4	20.0	20.2	101	4.81	80 - 120	20	
1,4-Dichlorobenzene	20.0	18.9	94.6	20.0	19.7	98.6	4.23	80 - 120	20	
2-Butanone	20.0	18.5	92.3	20.0	18.8	94.1	1.91	30 - 150	20	
2-Hexanone	20.0	18.2	91.2	20.0	18.3	91.7	0.502	55 - 130	20	
4-Methyl-2-pentanone	20.0	20.2	101	20.0	20.3	101	0.171	64 - 140	20	
Acetone	20.0	20.6	103	20.0	20.0	100	3.10	40 - 142	20	
Benzene	20.0	21.3	107	20.0	22.5	112	5.21	80 - 121	20	
Bromodichloromethane	20.0	21.6	108	20.0	22.2	111	3.09	80 - 131	20	
Bromoform	20.0	17.7	88.7	20.0	18.3	91.6	3.17	70 - 130	20	
Bromomethane	20.0	27.8	139	20.0	29.1	146	4.66	30 - 145	20	*
Carbon disulfide	20.0	23.2	116	20.0	24.8	124	6.82	58 - 138	20	
Carbon tetrachloride	20.0	22.9	114	20.0	24.3	121	5.95	65 - 140	20	
Chlorobenzene	20.0	20.5	102	20.0	21.5	108	4.99	80 - 120	20	
Chloroethane	20.0	22.7	114	20.0	23.6	118	3.89	60 - 135	20	
Chloroform	20.0	20.8	104	20.0	21.7	108	3.96	80 - 125	20	
Chloromethane	20.0	19.6	98.2	20.0	20.1	100	2.33	40 - 125	20	
cis-1,3-Dichloropropene	20.0	21.6	108	20.0	22.0	110	2.01	70 - 130	20	
Cyclohexane	20.0	24.0	120	20.0	25.4	127	5.78	80 - 130	20	
Dibromochloromethane	20.0	20.9	104	20.0	20.9	104	0.0090	60 - 135	20	
Dichlorodifluoromethane	20.0	23.6	118	20.0	24.5	122	3.80	50 - 133	20	
Ethyl benzene	20.0	21.4	107	20.0	22.7	114	5.74	80 - 122	20	
Isopropylbenzene	20.0	19.2	95.8	20.0	20.4	102	6.53	80 - 122	20	
Methyl acetate	20.0	24.2	121	20.0	24.3	121	0.287	80 - 130	20	
Methyl tert-butyl ether	20.0	21.7	108	20.0	21.8	109	0.746	65 - 125	20	
Methylcyclohexane	20.0	21.7	108	20.0	23.0	115	5.99	80 - 130	20	
Methylene chloride	20.0	19.9	99.7	20.0	20.6	103	3.27	80 - 123	20	
Styrene	20.0	21.2	106	20.0	22.4	112	5.36	80 - 123	20	
Tetrachloroethene	20.0	21.1	106	20.0	21.9	110	3.82	80 - 124	20	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706285 Analyst:CMS Prep Method:5030B
Instrument ID:HPMS8 Matrix:Water Method:8260B
Workgroup (AAB#):WG242808 Units:ug/L
Sample ID:WG242808-02 LCS File ID:8M337307 Run Date:06/18/2007 09:17
Sample ID:WG242808-03 LCS2 File ID:8M337308 Run Date:06/18/2007 09:46

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Toluene	20.0	19.8	98.8	20.0	20.7	103	4.59	80 - 124	20	
trans-1,3-Dichloropropene	20.0	19.4	97.2	20.0	19.5	97.5	0.330	80 - 130	20	
Trichloroethene	20.0	20.9	104	20.0	21.9	109	4.71	80 - 122	20	
Trichlorofluoromethane	20.0	18.2	91.0	20.0	18.8	93.8	3.05	62 - 151	20	
Vinyl chloride	20.0	20.4	102	20.0	20.8	104	2.12	65 - 140	20	
Xylenes, Total	60.0	62.6	104	60.0	66.0	110	5.27	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	93.5	93.3	86 - 118	PASS
1,2-Dichloroethane-d4	82.2	82.1	80 - 120	PASS
Toluene-d8	94.9	96.6	88 - 110	PASS
p-Bromofluorobenzene	87.1	88.1	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 795154
Report generated 06/25/2007 13:56

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706285 Analyst:CMS Prep Method:5030B
Instrument ID:HPMS6 Matrix:Water Method:8260B
Workgroup (AAB#):WG242966 Units:ug/L
Sample ID:WG242966-02 LCS File ID:6M66838 Run Date:06/19/2007 13:38
Sample ID:WG242966-03 LCS2 File ID:6M66839 Run Date:06/19/2007 14:10

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
1,1,1-Trichloroethane	20.0	22.7	113	20.0	23.4	117	3.00	80 - 134	20	
1,1,2,2-Tetrachloroethane	20.0	17.8	88.9	20.0	18.1	90.3	1.53	79 - 125	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	20.0	22.3	112	20.0	23.3	117	4.24	80 - 130	20	
1,1,2-Trichloroethane	20.0	18.4	91.9	20.0	18.4	92.2	0.322	80 - 125	20	
1,1-Dichloroethane	20.0	19.6	97.8	20.0	20.1	100	2.68	80 - 125	20	
1,1-Dichloroethene	20.0	19.8	99.1	20.0	20.4	102	2.88	80 - 132	20	
1,2,4-Trichlorobenzene	20.0	17.8	89.1	20.0	18.5	92.3	3.45	65 - 135	20	
1,2-Dibromo-3-chloropropane	20.0	19.8	99.2	20.0	20.0	99.9	0.643	50 - 130	20	
1,2-Dibromoethane	20.0	19.2	95.9	20.0	19.3	96.5	0.637	80 - 125	20	
1,2-Dichlorobenzene	20.0	17.6	88.1	20.0	18.1	90.6	2.77	80 - 125	20	
1,2-Dichloroethane	20.0	22.1	110	20.0	22.0	110	0.611	80 - 129	20	
cis-1,2-Dichloroethene	20.0	19.0	94.8	20.0	19.3	96.5	1.77	70 - 125	20	
trans-1,2-Dichloroethene	20.0	18.6	92.8	20.0	19.4	97.2	4.68	80 - 127	20	
1,2-Dichloropropane	20.0	18.4	91.9	20.0	19.0	94.9	3.21	80 - 120	20	
1,3-Dichlorobenzene	20.0	17.5	87.4	20.0	18.2	91.0	4.07	80 - 120	20	
1,4-Dichlorobenzene	20.0	17.0	85.0	20.0	17.3	86.7	1.92	80 - 120	20	
2-Butanone	20.0	20.7	104	20.0	20.7	103	0.325	30 - 150	20	
2-Hexanone	20.0	18.8	93.8	20.0	18.5	92.5	1.47	55 - 130	20	
4-Methyl-2-pentanone	20.0	19.1	95.4	20.0	18.8	94.0	1.42	64 - 140	20	
Acetone	20.0	24.3	122	20.0	23.6	118	2.99	40 - 142	20	
Benzene	20.0	18.1	90.4	20.0	18.7	93.4	3.28	80 - 121	20	
Bromodichloromethane	20.0	23.2	116	20.0	22.8	114	1.59	80 - 131	20	
Bromoform	20.0	19.1	95.5	20.0	19.0	94.8	0.815	70 - 130	20	
Bromomethane	20.0	20.9	104	20.0	22.3	112	6.67	30 - 145	20	
Carbon disulfide	20.0	20.3	101	20.0	21.2	106	4.71	58 - 138	20	
Carbon tetrachloride	20.0	24.4	122	20.0	25.2	126	2.85	65 - 140	20	
Chlorobenzene	20.0	17.2	85.8	20.0	17.9	89.5	4.14	80 - 120	20	
Chloroethane	20.0	18.7	93.7	20.0	19.4	97.1	3.52	60 - 135	20	
Chloroform	20.0	21.0	105	20.0	21.4	107	1.95	80 - 125	20	
Chloromethane	20.0	24.4	122	20.0	25.4	127	4.08	40 - 125	20	*
cis-1,3-Dichloropropene	20.0	20.1	101	20.0	20.2	101	0.511	70 - 130	20	
Cyclohexane	20.0	20.9	104	20.0	21.6	108	3.35	80 - 130	20	
Dibromochloromethane	20.0	18.9	94.3	20.0	19.2	96.1	1.95	60 - 135	20	
Dichlorodifluoromethane	20.0	25.1	125	20.0	25.6	128	2.03	50 - 133	20	
Ethyl benzene	20.0	17.9	89.4	20.0	18.4	92.0	2.88	80 - 122	20	
Isopropylbenzene	20.0	17.3	86.3	20.0	17.7	88.4	2.40	80 - 122	20	
Methyl acetate	20.0	19.0	95.2	20.0	18.6	92.8	2.60	80 - 130	20	
Methyl tert-butyl ether	20.0	23.3	117	20.0	22.6	113	2.97	65 - 125	20	
Methylcyclohexane	20.0	20.6	103	20.0	21.4	107	3.81	80 - 130	20	
Methylene chloride	20.0	16.8	84.0	20.0	17.3	86.5	2.90	80 - 123	20	
Styrene	20.0	18.7	93.6	20.0	18.7	93.4	0.202	80 - 123	20	
Tetrachloroethene	20.0	18.4	91.9	20.0	19.2	96.2	4.60	80 - 124	20	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706285 Analyst: CMS Prep Method: 5030B
Instrument ID: HPMS6 Matrix: Water Method: 8260B
Workgroup (AAB#): WG242966 Units: ug/L
Sample ID: WG242966-02 LCS File ID: 6M66838 Run Date: 06/19/2007 13:38
Sample ID: WG242966-03 LCS2 File ID: 6M66839 Run Date: 06/19/2007 14:10

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Toluene	20.0	17.4	87.1	20.0	18.1	90.6	3.96	80 - 124	20	
trans-1,3-Dichloropropene	20.0	17.8	89.1	20.0	17.7	88.7	0.492	80 - 130	20	
Trichloroethene	20.0	19.3	96.7	20.0	20.2	101	4.37	80 - 122	20	
Trichlorofluoromethane	20.0	20.0	99.9	20.0	20.5	103	2.76	62 - 151	20	
Vinyl chloride	20.0	27.0	135	20.0	27.9	139	3.40	65 - 140	20	
Xylenes, Total	60.0	53.7	89.5	60.0	54.7	91.1	1.80	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	107	105	86 - 118	PASS
1,2-Dichloroethane-d4	105	101	80 - 120	PASS
Toluene-d8	92.2	91.9	88 - 110	PASS
p-Bromofluorobenzene	94.8	96.0	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706285 Analyst:MES Prep Method:5030B
Instrument ID:HPMS10 Matrix:Water Method:8260B
Workgroup (AAB#):WG242929 Units:ug/L
Sample ID:WG242929-02 LCS File ID:10M56246 Run Date:06/19/2007 11:21
Sample ID:WG242929-03 LCS2 File ID:10M56247 Run Date:06/19/2007 11:52

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
1,1,1-Trichloroethane	20.0	22.2	111	20.0	21.0	105	5.18	80 - 134	20	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	20.0	19.6	97.9	3.09	79 - 125	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	20.0	22.4	112	20.0	21.1	105	6.28	80 - 130	20	
1,1,2-Trichloroethane	20.0	21.2	106	20.0	20.7	104	2.32	80 - 125	20	
1,1-Dichloroethane	20.0	21.5	107	20.0	20.5	103	4.47	80 - 125	20	
1,1-Dichloroethene	20.0	20.8	104	20.0	19.7	98.7	5.42	80 - 132	20	
1,2,4-Trichlorobenzene	20.0	18.1	90.5	20.0	17.8	89.2	1.47	65 - 135	20	
1,2-Dibromo-3-chloropropane	20.0	14.4	72.2	20.0	14.1	70.6	2.27	50 - 130	20	
1,2-Dibromoethane	20.0	20.5	102	20.0	20.2	101	1.47	80 - 125	20	
1,2-Dichlorobenzene	20.0	20.1	100	20.0	19.4	97.2	3.13	80 - 125	20	
1,2-Dichloroethane	20.0	21.4	107	20.0	20.9	104	2.57	80 - 129	20	
cis-1,2-Dichloroethene	20.0	21.6	108	20.0	20.8	104	3.78	70 - 125	20	
trans-1,2-Dichloroethene	20.0	21.1	106	20.0	19.9	99.4	5.97	80 - 127	20	
1,2-Dichloropropane	20.0	20.7	103	20.0	20.4	102	1.38	80 - 120	20	
1,3-Dichlorobenzene	20.0	20.7	103	20.0	19.7	98.7	4.68	80 - 120	20	
1,4-Dichlorobenzene	20.0	19.9	99.3	20.0	19.3	96.4	2.90	80 - 120	20	
2-Butanone	20.0	15.7	78.7	20.0	15.4	77.0	2.16	30 - 150	20	
2-Hexanone	20.0	17.7	88.7	20.0	17.3	86.3	2.75	55 - 130	20	
4-Methyl-2-pentanone	20.0	17.7	88.6	20.0	17.9	89.6	1.05	64 - 140	20	
Acetone	20.0	16.6	82.8	20.0	15.6	77.8	6.22	40 - 142	20	
Benzene	20.0	20.4	102	20.0	19.5	97.7	4.38	80 - 121	20	
Bromodichloromethane	20.0	22.4	112	20.0	21.5	108	4.16	80 - 131	20	
Bromoform	20.0	16.4	81.8	20.0	16.2	81.0	1.02	70 - 130	20	
Bromomethane	20.0	25.7	128	20.0	24.8	124	3.24	30 - 145	20	
Carbon disulfide	20.0	20.3	101	20.0	19.1	95.5	6.00	58 - 138	20	
Carbon tetrachloride	20.0	20.3	102	20.0	19.0	95.2	6.44	65 - 140	20	
Chlorobenzene	20.0	20.6	103	20.0	19.6	97.8	5.26	80 - 120	20	
Chloroethane	20.0	24.0	120	20.0	22.5	112	6.34	60 - 135	20	
Chloroform	20.0	21.3	107	20.0	20.6	103	3.54	80 - 125	20	
Chloromethane	20.0	25.7	128	20.0	24.0	120	6.50	40 - 125	20	*
cis-1,3-Dichloropropene	20.0	20.9	104	20.0	20.5	103	1.63	70 - 130	20	
Cyclohexane	20.0	21.1	105	20.0	19.7	98.4	6.87	80 - 130	20	
Dibromochloromethane	20.0	18.2	90.8	20.0	17.7	88.3	2.75	60 - 135	20	
Dichlorodifluoromethane	20.0	30.0	150	20.0	28.0	140	7.05	50 - 133	20	*
Ethyl benzene	20.0	21.3	107	20.0	20.8	104	2.63	80 - 122	20	
Isopropylbenzene	20.0	20.2	101	20.0	19.2	96.2	5.01	80 - 122	20	
Methyl acetate	20.0	17.2	86.2	20.0	17.0	85.0	1.48	80 - 130	20	
Methyl tert-butyl ether	20.0	19.5	97.7	20.0	19.0	95.2	2.61	65 - 125	20	
Methylcyclohexane	20.0	20.0	100	20.0	18.7	93.5	6.71	80 - 130	20	
Methylene chloride	20.0	19.4	96.8	20.0	18.6	93.0	3.94	80 - 123	20	
Styrene	20.0	19.3	96.4	20.0	18.2	91.0	5.77	80 - 123	20	
Tetrachloroethene	20.0	21.0	105	20.0	20.0	99.8	5.12	80 - 124	20	

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706285 Analyst: MES Prep Method: 5030B
Instrument ID: HPMS10 Matrix: Water Method: 8260B
Workgroup (AAB#): WG242929 Units: ug/L
Sample ID: WG242929-02 LCS File ID: 10M56246 Run Date: 06/19/2007 11:21
Sample ID: WG242929-03 LCS2 File ID: 10M56247 Run Date: 06/19/2007 11:52

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Toluene	20.0	21.3	107	20.0	20.1	101	5.57	80 - 124	20	
trans-1,3-Dichloropropene	20.0	20.2	101	20.0	19.6	98.0	2.85	80 - 130	20	
Trichloroethene	20.0	21.1	106	20.0	20.1	100	5.28	80 - 122	20	
Trichlorofluoromethane	20.0	18.9	94.6	20.0	17.7	88.6	6.56	62 - 151	20	
Vinyl chloride	20.0	28.4	142	20.0	24.9	125	13.2	65 - 140	20	*
Xylenes, Total	60.0	63.9	107	60.0	61.1	102	4.51	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	98.1	97.8	86 - 118	PASS
1,2-Dichloroethane-d4	98.9	96.8	80 - 120	PASS
Toluene-d8	96.6	94.9	88 - 110	PASS
p-Bromofluorobenzene	94.7	93.4	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706285 Tune ID: WG240519-01
Instrument: HPMS10 Run Date: 05/17/2007
Analyst: MES Run Time: 08:30
Workgroup: WG240519 File ID: 10M55393
Cal ID: HPMS10-17-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.4	5990	PASS
75.0	95.0	30.0	60.0	45.2	14728	PASS
95.0	95.0	100	100	100	32600	PASS
96.0	95.0	5.00	9.00	6.48	2111	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	88.5	28850	PASS
175	174	5.00	9.00	8.45	2437	PASS
176	174	95.0	101	98.9	28525	PASS
177	176	5.00	9.00	7.09	2021	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG240519-02	STD	01	05/17/2007 11:11	
WG240519-03	STD	01	05/17/2007 11:42	
WG240519-04	STD	01	05/17/2007 12:14	
WG240519-05	STD	01	05/17/2007 12:45	
WG240519-06	STD	01	05/17/2007 13:17	
WG240519-07	STD	01	05/17/2007 13:48	
WG240519-08	STD-CCV	01	05/17/2007 14:20	
WG240519-09	STD	01	05/17/2007 14:51	
WG240519-10	STD	01	05/17/2007 15:24	
WG240519-11	STD	01	05/17/2007 15:55	
WG240519-12	SSCV	01	05/17/2007 16:59	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 795157
Report generated 06/25/2007 13:54

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706285 Tune ID: WG242928-01
Instrument: HPMS10 Run Date: 06/19/2007
Analyst: MES Run Time: 08:45
Workgroup: WG242928 File ID: 10M56241
Cal ID: HPMS10-17-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.7	4671	PASS
75.0	95.0	30.0	60.0	51.6	12888	PASS
95.0	95.0	100	100	100	24984	PASS
96.0	95.0	5.00	9.00	7.75	1936	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	89.1	22269	PASS
175	174	5.00	9.00	7.77	1730	PASS
176	174	95.0	101	101	22389	PASS
177	176	5.00	9.00	6.80	1523	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG242928-02	CCV	01	06/19/2007 09:46	
WG242929-01	BLANK	01	06/19/2007 10:49	
WG242929-02	LCS	01	06/19/2007 11:21	
WG242929-03	LCS2	01	06/19/2007 11:52	
L0706285-03	16WW29	01	06/19/2007 16:02	
L0706285-04	16WW30	01	06/19/2007 16:33	
WG242929-04	BLANK2	01	06/19/2007 21:48	*

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706285 Tune ID: WG239757-01
Instrument: HPMS6 Run Date: 05/08/2007
Analyst: CMS Run Time: 06:36
Workgroup: WG239757 File ID: 6M65863
Cal ID: HPMS6-08-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	24.8	18040	PASS
75.0	95.0	30.0	60.0	49.3	35936	PASS
95.0	95.0	100	100	100	72850	PASS
96.0	95.0	5.00	9.00	6.60	4808	PASS
173	174	0	2.00	0.290	155	PASS
174	95.0	50.0	100	73.3	53413	PASS
175	174	5.00	9.00	7.30	3898	PASS
176	174	95.0	101	101	53762	PASS
177	176	5.00	9.00	6.77	3640	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG239757-02	STD	01	05/08/2007 08:50	
WG239757-06	STD	01	05/08/2007 10:58	
WG239757-07	STD	01	05/08/2007 11:31	
WG239757-08	STD-CCV	01	05/08/2007 12:03	
WG239757-09	STD	01	05/08/2007 12:35	
WG239757-10	STD	01	05/08/2007 13:07	
WG239757-11	STD	01	05/08/2007 13:39	
WG239757-03	STD	01	05/08/2007 15:14	
WG239757-04	STD	01	05/08/2007 15:46	
WG239757-05	STD	01	05/08/2007 16:28	
WG239757-12	SSCV	01	05/08/2007 17:21	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706285 Tune ID: WG242965-01
Instrument: HPMS6 Run Date: 06/19/2007
Analyst: CMS Run Time: 11:36
Workgroup: WG242965 File ID: 6M66834
Cal ID: HPMS6-08-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	26.1	4239	PASS
75.0	95.0	30.0	60.0	48.6	7893	PASS
95.0	95.0	100	100	100	16231	PASS
96.0	95.0	5.00	9.00	7.98	1295	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	72.0	11679	PASS
175	174	5.00	9.00	8.04	939	PASS
176	174	95.0	101	100	11698	PASS
177	176	5.00	9.00	7.48	875	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG242965-02	CCV	01	06/19/2007 12:02	
WG242966-01	BLANK	01	06/19/2007 13:06	
WG242966-02	LCS	01	06/19/2007 13:38	
WG242966-03	LCS2	01	06/19/2007 14:10	
L0706285-01	16WW13	DL01	06/19/2007 19:31	
L0706285-02	16WW13-FD	DL01	06/19/2007 20:03	
WG242966-04	BLANK2	01	06/19/2007 20:36	

* Sample past 12 hour tune limit

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KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706285 Tune ID: WG239619-01
Instrument: HPMS8 Run Date: 05/06/2007
Analyst: CMS Run Time: 13:14
Workgroup: WG239619 File ID: 8M336159
Cal ID: HPMS8-06-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	17.5	27002	PASS
75.0	95.0	30.0	60.0	45.1	69656	PASS
95.0	95.0	100	100	100	154304	PASS
96.0	95.0	5.00	9.00	6.75	10408	PASS
173	174	0	2.00	0.399	509	PASS
174	95.0	50.0	100	82.7	127682	PASS
175	174	5.00	9.00	7.05	9004	PASS
176	174	95.0	101	97.8	124906	PASS
177	176	5.00	9.00	6.74	8418	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG239619-02	STD	01	05/06/2007 14:19	
WG239619-03	STD	01	05/06/2007 15:02	
WG239619-04	STD	01	05/06/2007 15:32	
WG239619-05	STD	01	05/06/2007 16:01	
WG239619-06	STD	01	05/06/2007 16:31	
WG239619-07	STD	01	05/06/2007 17:01	
WG239619-08	STD-CCV	01	05/06/2007 17:30	
WG239619-09	STD	01	05/06/2007 18:00	
WG239619-10	STD	01	05/06/2007 18:30	
WG239619-11	STD	01	05/06/2007 18:59	
WG239619-12	SSCV	01	05/06/2007 20:28	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 795157
Report generated 06/25/2007 13:54

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0706285
Instrument: HPMS8
Analyst: CMS
Workgroup: WG242807

Tune ID: WG242807-01
Run Date: 06/18/2007
Run Time: 07:49
File ID: 8M337304
Cal ID: HPMS8-06-MAY-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	17.2	22112	PASS
75.0	95.0	30.0	60.0	44.8	57712	PASS
95.0	95.0	100	100	100	128837	PASS
96.0	95.0	5.00	9.00	7.27	9369	PASS
173	174	0	2.00	0.688	718	PASS
174	95.0	50.0	100	81.0	104410	PASS
175	174	5.00	9.00	7.65	7983	PASS
176	174	95.0	101	97.6	101888	PASS
177	176	5.00	9.00	6.66	6785	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG242807-02	CCV	01	06/18/2007 08:17	
WG242808-01	BLANK	01	06/18/2007 08:47	
WG242808-01	BLANK	01	06/18/2007 08:47	
WG242808-02	LCS	01	06/18/2007 09:17	
WG242808-03	LCS2	01	06/18/2007 09:46	
L0706285-01	16WW13	01	06/18/2007 17:43	
L0706285-02	16WW13-FD	01	06/18/2007 18:13	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 795157
Report generated 06/25/2007 13:54

Login Number: L0706285 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
ICAL Workgroup: WG240519 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
1,1-Dichloroethene	CCC	0.2764	5.64		
1,2-Dichloropropane	CCC	0.2625	7.42		
Chloroform	CCC	0.5574	4.19		
Ethylbenzene	CCC	0.5143	6.01		
Toluene	CCC	1.387	3.90		
Vinyl Chloride	CCC	0.2037	16.0		1.00
1,1,2,2-Tetrachloroethane	SPCC	0.4157	9.92		
1,1-Dichloroethane	SPCC	0.5338	6.43		
Bromoform	SPCC	0.1770	17.7		0.999
Chlorobenzene	SPCC	0.9900	3.95		
Chloromethane	SPCC	0.2471	12.0		
1,1,1-Trichloroethane		0.5063	11.0		
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.3009	4.25		
1,1,2-Trichloroethane		0.2185	8.35		
1,2,4-Trichlorobenzene		0.9616	5.66		
1,2-Dibromo-3-Chloropropane		0.08230	18.5	0.999	
1,2-Dibromoethane		0.2423	9.34		
1,2-Dichlorobenzene		1.368	4.20		
1,2-Dichloroethane		0.3788	4.83		
1,3-Dichlorobenzene		1.547	4.47		
1,4-Dichlorobenzene		1.596	5.22		
2-Butanone		0.06063	4.48		
2-Hexanone		0.1020	6.38		
4-Methyl-2-Pentanone		0.05347	6.21		
Acetone		0.04278	8.25		
Benzene		1.105	3.54		
Bromodichloromethane		0.3712	10.2		
Bromomethane		0.2069	2.47		
Carbon Disulfide		0.8610	3.83		
Carbon Tetrachloride		0.4578	15.3		1.00
Chloroethane		0.1906	4.26		
Cyclohexane		0.4854	4.41		
Dibromochloromethane		0.3081	17.2		1.00
Dichlorodifluoromethane		0.3517	6.85		
Isopropylbenzene		1.492	10.2		
Methyl Tert Butyl Ether		0.5939	6.04		
Methyl acetate		0.1181	3.15		
Methylcyclohexane		0.4600	4.50		
Methylene Chloride		0.2974	9.31		
Styrene		0.9315	15.3		1.00
Tetrachloroethene		0.3300	4.58		
Trichloroethene		0.3429	5.48		
Trichlorofluoromethane		0.5440	21.4		1.00
cis-1,2-Dichloroethene		0.3117	7.82		
cis-1,3-Dichloropropene		0.4064	11.7		

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INITIAL CALIBRATION SUMMARY

Login Number: L0706285
Instrument ID: HPMS10
Analytical Method: 8260B
Initial Calibration Date: 17-MAY-07 15:55
ICAL Workgroup: WG240519
Column ID: F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
m-,p-Xylene		0.6228	5.84		
o-Xylene		0.6004	6.22		
trans-1,2-Dichloroethene		0.2961	9.21		
trans-1,3-Dichloropropene		0.4261	13.1		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

Login Number: L0706285 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
ICAL Workgroup: WG239757 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
1,1-Dichloroethene	CCC	0.4844	3.66		
1,2-Dichloropropane	CCC	0.2576	5.75		
Chloroform	CCC	0.4839	5.82		
Ethylbenzene	CCC	0.5199	5.69		
Toluene	CCC	1.314	6.37		
Vinyl Chloride	CCC	0.2230	18.3		1.00
1,1,2,2-Tetrachloroethane	SPCC	0.3618	9.01		
1,1-Dichloroethane	SPCC	0.5229	4.49		
Bromoform	SPCC	0.1414	19.9		1.00
Chlorobenzene	SPCC	0.9354	5.55		
Chloromethane	SPCC	0.3336	13.6		
1,1,1-Trichloroethane		0.4145	6.26		
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.2455	6.59		
1,1,2-Trichloroethane		0.1974	4.51		
1,2,4-Trichlorobenzene		0.8319	11.2		
1,2-Dibromo-3-Chloropropane		0.07470	8.99		
1,2-Dibromoethane		0.2124	5.63		
1,2-Dichlorobenzene		1.237	7.44		
1,2-Dichloroethane		0.3536	4.06		
1,3-Dichlorobenzene		1.376	4.68		
1,4-Dichlorobenzene		1.454	8.52		
2-Butanone		0.07120	2.57		
2-Hexanone		0.1374	6.25		
4-Methyl-2-Pentanone		0.05478	7.34		
Acetone		0.04887	8.18		
Benzene		0.9829	5.05		
Bromodichloromethane		0.3242	7.13		
Bromomethane		0.1894	7.37		
Carbon Disulfide		0.7591	8.32		
Carbon Tetrachloride		0.3477	9.03		
Chloroethane		0.2212	6.83		
Cyclohexane		0.4687	10.1		
Dibromochloromethane		0.2494	16.9	1.00	
Dichlorodifluoromethane		0.3559	9.68		
Isopropylbenzene		1.552	5.36		
Methyl Tert Butyl Ether		0.4941	2.89		
Methyl acetate		0.1447	6.18		
Methylcyclohexane		0.3347	10.5		
Methylene Chloride		0.2827	13.4		
Styrene		1.055	5.52		
Tetrachloroethene		0.3323	5.29		
Trichloroethene		0.2582	5.27		
Trichlorofluoromethane		0.5106	4.16		
cis-1,2-Dichloroethene		0.2655	4.04		
cis-1,3-Dichloropropene		0.3682	6.17		

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Login Number: L0706285 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
ICAL Workgroup: WG239757 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
m-,p-Xylene		0.5909	38.4		
o-Xylene		0.6391	4.09		
trans-1,2-Dichloroethene		0.2526	5.39		
trans-1,3-Dichloropropene		0.4241	6.48		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

Login Number: L0706285 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59
ICAL Workgroup: WG239619 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
1,1-Dichloroethene	CCC	0.5093	11.0		
1,2-Dichloropropane	CCC	0.3067	6.12		
Chloroform	CCC	0.5804	5.40		
Ethylbenzene	CCC	0.6302	10.6		
Toluene	CCC	1.759	12.3		
Vinyl Chloride	CCC	0.2056	16.3		
1,1,2,2-Tetrachloroethane	SPCC	0.4473	7.94		
1,1-Dichloroethane	SPCC	0.5927	4.82		
Bromoform	SPCC	0.2075	15.5		1.00
Chlorobenzene	SPCC	1.177	11.0		
Chloromethane	SPCC	0.2457	8.65		
1,1,1-Trichloroethane		0.5251	8.80		
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.3058	6.41		
1,1,2-Trichloroethane		0.2573	8.68		
1,2,4-Trichlorobenzene		1.120	7.07		
1,2-Dibromo-3-Chloropropane		0.08260	15.6	1.00	
1,2-Dibromoethane		0.2695	8.59		
1,2-Dichlorobenzene		1.644	6.58		
1,2-Dichloroethane		0.3974	5.31		
1,3-Dichlorobenzene		1.856	7.52		
1,4-Dichlorobenzene		1.898	8.50		
2-Butanone		0.05616	5.69		
2-Hexanone		0.07223	5.91		
4-Methyl-2-Pentanone		0.06064	13.3		
Acetone		0.03815	4.64		
Benzene		1.226	7.05		
Bromodichloromethane		0.4118	6.54		
Bromomethane		0.2040	14.2		
Carbon Disulfide		0.8890	9.76		
Carbon Tetrachloride		0.4406	13.3		
Chloroethane		0.2479	3.70		
Cyclohexane		0.5013	13.7		
Dibromochloromethane		0.3486	10.9		
Dichlorodifluoromethane		0.4449	6.61		
Isopropylbenzene		1.883	11.8		
Methyl Tert Butyl Ether		0.5772	5.24		
Methyl acetate		0.1006	2.50		
Methylcyclohexane		0.4766	6.26		
Methylene Chloride		0.3388	7.97		
Styrene		1.257	11.0		
Tetrachloroethene		0.3753	8.75		
Trichloroethene		0.3720	6.18		
Trichlorofluoromethane		0.5984	10.9		
cis-1,2-Dichloroethene		0.3432	6.31		
cis-1,3-Dichloropropene		0.4561	8.09		

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Login Number: L0706285 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59
ICAL Workgroup: WG239619 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
m-,p-Xylene		0.7903	13.4		
o-Xylene		0.7873	8.28		
trans-1,2-Dichloroethene		0.4863	7.36		
trans-1,3-Dichloropropene		0.4825	8.14		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

Login Number: L0706285 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-02			WG240519-03			WG240519-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	1.00	6148.00000	0.2510
1,2-Dichloropropane	NA	NA	NA	0.400	2240.00000	0.2275	1.00	5977.00000	0.2440
Chloroform	0.300	4251.00000	0.5668	0.400	5491.00000	0.5576	1.00	12613.0000	0.5150
Ethylbenzene	NA	NA	NA	0.400	3930.00000	0.4628	1.00	10034.0000	0.4867
Toluene	NA	NA	NA	0.400	11228.0000	1.322	1.00	27233.0000	1.321
Vinyl Chloride	NA	NA	NA	0.400	1631.00000	0.1656	1.00	6120.00000	0.2499
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	1477.00000	0.3557	1.00	3653.00000	0.3574
1,1-Dichloroethane	NA	NA	NA	0.400	4627.00000	0.4699	1.00	12491.0000	0.5100
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2572.00000	0.1247
Chlorobenzene	NA	NA	NA	0.400	8363.00000	0.9849	1.00	20877.0000	1.013
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	7318.00000	0.2988
1,1,1-Trichloroethane	NA	NA	NA	0.400	3799.00000	0.3858	1.00	11788.0000	0.4813
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	0.400	1618.00000	0.1905	1.00	4083.00000	0.1980
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	3929.00000	0.9462	1.00	8871.00000	0.8680
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	0.400	1747.00000	0.2057	1.00	4497.00000	0.2181
1,2-Dichlorobenzene	0.300	4287.00000	1.350	0.400	5686.00000	1.369	1.00	13378.0000	1.309
1,2-Dichloroethane	NA	NA	NA	0.400	3485.00000	0.3539	1.00	9028.00000	0.3686
1,3-Dichlorobenzene	NA	NA	NA	0.400	6139.00000	1.479	1.00	15068.0000	1.474
1,4-Dichlorobenzene	0.300	5493.00000	1.730	0.400	6395.00000	1.540	1.00	15597.0000	1.526
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	10845.0000	1.101	1.00	25801.0000	1.054
Bromodichloromethane	NA	NA	NA	0.400	3112.00000	0.3160	1.00	8021.00000	0.3275
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	5102.00000	0.2083
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	19965.0000	0.8152
Carbon Tetrachloride	NA	NA	NA	0.400	3030.00000	0.3077	1.00	10291.0000	0.4202
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	4361.00000	0.1781
Cyclohexane	NA	NA	NA	NA	NA	NA	1.00	11168.0000	0.4560
Dibromochloromethane	NA	NA	NA	0.400	1857.00000	0.2187	1.00	5086.00000	0.2467
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	8525.00000	0.3481
Isopropylbenzene	NA	NA	NA	0.400	10279.0000	1.211	1.00	27875.0000	1.352
Methyl Tert Butyl Ether	NA	NA	NA	NA	NA	NA	1.00	13205.0000	0.5392
Methyl acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NA	NA	NA	NA	NA	NA	1.00	10473.0000	0.4276
Methylene Chloride	NA	NA	NA	0.400	3528.00000	0.3583	1.00	7247.00000	0.2959
Styrene	NA	NA	NA	0.400	6096.00000	0.7179	1.00	15547.0000	0.7540
Tetrachloroethene	NA	NA	NA	0.400	2537.00000	0.2988	1.00	6803.00000	0.3299
Trichloroethene	NA	NA	NA	0.400	3067.00000	0.3115	1.00	8486.00000	0.3465

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Login Number: L0706285 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-05			WG240519-06			WG240519-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	13254.0000	0.2703	5.00	32558.0000	0.2666	20.0	144646.000	0.2901
1,2-Dichloropropane	2.00	13098.0000	0.2671	5.00	31515.0000	0.2580	20.0	139185.000	0.2792
Chloroform	2.00	27383.0000	0.5584	5.00	66907.0000	0.5478	20.0	289738.000	0.5811
Ethylbenzene	2.00	21821.0000	0.5259	5.00	52992.0000	0.5182	20.0	231257.000	0.5509
Toluene	2.00	57143.0000	1.377	5.00	142255.000	1.391	20.0	610755.000	1.455
Vinyl Chloride	2.00	11837.0000	0.2414	5.00	25240.0000	0.2067	20.0	100232.000	0.2010
1,1,2,2-Tetrachloroethane	2.00	9453.00000	0.4543	5.00	21357.0000	0.4110	20.0	97277.0000	0.4601
1,1-Dichloroethane	2.00	26215.0000	0.5346	5.00	65801.0000	0.5388	20.0	284736.000	0.5711
Bromoform	2.00	6351.00000	0.1531	5.00	16627.0000	0.1626	20.0	83506.0000	0.1989
Chlorobenzene	2.00	41673.0000	1.004	5.00	100739.000	0.9851	20.0	433591.000	1.033
Chloromethane	2.00	13278.0000	0.2708	5.00	29153.0000	0.2387	20.0	124662.000	0.2500
1,1,1-Trichloroethane	2.00	25289.0000	0.5157	5.00	61641.0000	0.5047	20.0	274997.000	0.5516
1,1,2-Trichloro-1,2,2-Trifluoroethane	2.00	15181.0000	0.3096	5.00	34276.0000	0.2807	20.0	154871.000	0.3106
1,1,2-Trichloroethane	2.00	9181.00000	0.2213	5.00	22044.0000	0.2156	20.0	102266.000	0.2436
1,2,4-Trichlorobenzene	2.00	20581.0000	0.9891	5.00	47237.0000	0.9090	20.0	213256.000	1.009
1,2-Dibromo-3-Chloropropane	2.00	1351.00000	0.06490	5.00	3304.00000	0.06360	20.0	17469.0000	0.08260
1,2-Dibromoethane	2.00	9818.00000	0.2366	5.00	24475.0000	0.2393	20.0	111118.000	0.2647
1,2-Dichlorobenzene	2.00	29992.0000	1.441	5.00	69982.0000	1.347	20.0	302971.000	1.433
1,2-Dichloroethane	2.00	18693.0000	0.3812	5.00	46267.0000	0.3788	20.0	199830.000	0.4008
1,3-Dichlorobenzene	2.00	32683.0000	1.571	5.00	80763.0000	1.554	20.0	344139.000	1.628
1,4-Dichlorobenzene	2.00	34794.0000	1.672	5.00	81556.0000	1.569	20.0	347901.000	1.646
2-Butanone	NA	NA	NA	5.00	7420.00000	0.06080	20.0	30777.0000	0.06170
2-Hexanone	NA	NA	NA	5.00	9783.00000	0.09570	20.0	45175.0000	0.1076
4-Methyl-2-Pentanone	NA	NA	NA	5.00	6163.00000	0.05050	20.0	27836.0000	0.05580
Acetone	NA	NA	NA	5.00	5792.00000	0.04740	20.0	22241.0000	0.04460
Benzene	2.00	53667.0000	1.095	5.00	134030.000	1.098	20.0	573077.000	1.149
Bromodichloromethane	2.00	18114.0000	0.3694	5.00	42894.0000	0.3512	20.0	203269.000	0.4077
Bromomethane	2.00	10399.0000	0.2121	5.00	24986.0000	0.2046	20.0	104332.000	0.2093
Carbon Disulfide	2.00	41391.0000	0.8441	5.00	106566.000	0.8726	20.0	445926.000	0.8944
Carbon Tetrachloride	2.00	22294.0000	0.4547	5.00	56240.0000	0.4605	20.0	255880.000	0.5132
Chloroethane	2.00	9539.00000	0.1945	5.00	23357.0000	0.1913	20.0	99217.0000	0.1990
Cyclohexane	2.00	22997.0000	0.4690	5.00	59369.0000	0.4861	20.0	253035.000	0.5075
Dibromochloromethane	2.00	12326.0000	0.2970	5.00	30826.0000	0.3014	20.0	145269.000	0.3461
Dichlorodifluoromethane	2.00	18783.0000	0.3831	5.00	42829.0000	0.3507	20.0	184477.000	0.3700
Isopropylbenzene	2.00	60489.0000	1.458	5.00	156422.000	1.530	20.0	687473.000	1.638
Methyl Tert Butyl Ether	2.00	28493.0000	0.5811	5.00	69504.0000	0.5691	20.0	307203.000	0.6162
Methyl acetate	2.00	5849.00000	0.1193	5.00	14178.0000	0.1161	20.0	59819.0000	0.1200
Methylcyclohexane	2.00	21674.0000	0.4420	5.00	56908.0000	0.4660	20.0	237004.000	0.4754
Methylene Chloride	2.00	15089.0000	0.3077	5.00	34998.0000	0.2866	20.0	146985.000	0.2948
Styrene	2.00	35969.0000	0.8668	5.00	94311.0000	0.9222	20.0	445228.000	1.061
Tetrachloroethene	2.00	13666.0000	0.3293	5.00	33283.0000	0.3255	20.0	143518.000	0.3419
Trichloroethene	2.00	16187.0000	0.3301	5.00	40784.0000	0.3339	20.0	181235.000	0.3635

KEMRON FORMS - Modified 10/13/2006
Version 1.6 PDF File ID: 795155
Report generated 06/25/2007 13:54

Login Number: L0706285 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-08			WG240519-09			WG240519-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	365432.000	0.2932	100	731852.000	0.2904	200	1462549.00	0.2731
1,2-Dichloropropane	50.0	352435.000	0.2828	100	708563.000	0.2812	200	1391308.00	0.2598
Chloroform	50.0	731048.000	0.5866	100	1443430.00	0.5728	200	2839772.00	0.5302
Ethylbenzene	50.0	576072.000	0.5437	100	1122107.00	0.5345	200	2148390.00	0.4919
Toluene	50.0	1529561.00	1.444	100	3020115.00	1.439	200	5896322.00	1.350
Vinyl Chloride	50.0	240863.000	0.1933	100	423027.000	0.1679	NA	NA	NA
1,1,2,2-Tetrachloroethane	50.0	231110.000	0.4339	100	481090.000	0.4473	200	894506.000	0.4055
1,1-Dichloroethane	50.0	711393.000	0.5708	100	1404292.00	0.5572	200	2774113.00	0.5180
Bromoform	50.0	211646.000	0.1998	100	447221.000	0.2130	200	817210.000	0.1871
Chlorobenzene	50.0	1070474.00	1.010	100	2071936.00	0.9870	200	3941580.00	0.9025
Chloromethane	50.0	295290.000	0.2369	100	565531.000	0.2244	200	1126616.00	0.2104
1,1,1-Trichloroethane	50.0	694935.000	0.5576	100	1385178.00	0.5497	200	2699843.00	0.5041
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.0	388503.000	0.3117	100	762423.000	0.3025	200	1553902.00	0.2901
1,1,2-Trichloroethane	50.0	242672.000	0.2290	100	497527.000	0.2370	200	929903.000	0.2129
1,2,4-Trichlorobenzene	50.0	532120.000	0.9990	100	1105011.00	1.028	200	2084954.00	0.9452
1,2-Dibromo-3-Chloropropane	50.0	46815.0000	0.08790	100	108254.000	0.1007	200	207524.000	0.09410
1,2-Dibromoethane	50.0	275580.000	0.2601	100	567974.000	0.2706	200	1061476.00	0.2430
1,2-Dichlorobenzene	50.0	756844.000	1.421	100	1472811.00	1.370	200	2799550.00	1.269
1,2-Dichloroethane	50.0	493629.000	0.3961	100	996385.000	0.3954	200	1902448.00	0.3552
1,3-Dichlorobenzene	50.0	867829.000	1.629	100	1703140.00	1.584	200	3211107.00	1.456
1,4-Dichlorobenzene	50.0	868792.000	1.631	100	1707896.00	1.588	200	3214113.00	1.457
2-Butanone	50.0	73684.0000	0.05910	100	164754.000	0.06540	200	309395.000	0.05780
2-Hexanone	50.0	108798.000	0.1027	100	234128.000	0.1115	200	428612.000	0.09810
4-Methyl-2-Pentanone	50.0	69052.0000	0.05540	100	145848.000	0.05790	200	267450.000	0.04990
Acetone	50.0	53080.0000	0.04260	100	112497.000	0.04460	200	211866.000	0.03960
Benzene	50.0	1442919.00	1.158	100	2847842.00	1.130	200	5650412.00	1.055
Bromodichloromethane	50.0	511855.000	0.4107	100	1040996.00	0.4131	200	2002950.00	0.3740
Bromomethane	50.0	265043.000	0.2127	100	509825.000	0.2023	200	1065681.00	0.1990
Carbon Disulfide	50.0	1114781.00	0.8945	100	2222684.00	0.8820	200	4415024.00	0.8244
Carbon Tetrachloride	50.0	652753.000	0.5238	100	1287755.00	0.5110	200	2521874.00	0.4709
Chloroethane	50.0	247214.000	0.1984	100	483611.000	0.1919	200	970035.000	0.1811
Cyclohexane	50.0	633977.000	0.5087	100	1265274.00	0.5021	200	2507018.00	0.4681
Dibromochloromethane	50.0	376004.000	0.3549	100	773466.000	0.3684	200	1447670.00	0.3315
Dichlorodifluoromethane	50.0	451137.000	0.3620	100	857827.000	0.3404	200	1649047.00	0.3079
Isopropylbenzene	50.0	1739821.00	1.642	100	3403769.00	1.621	200	6476939.00	1.483
Methyl Tert Butyl Ether	50.0	751935.000	0.6034	100	1642695.00	0.6518	200	3195251.00	0.5966
Methyl acetate	50.0	142984.000	0.1147	100	312367.000	0.1240	200	612065.000	0.1143
Methylcyclohexane	50.0	602937.000	0.4838	100	1198877.00	0.4757	200	2406573.00	0.4494
Methylene Chloride	50.0	361067.000	0.2897	100	712625.000	0.2828	200	1410886.00	0.2634
Styrene	50.0	1139803.00	1.076	100	2254656.00	1.074	200	4281831.00	0.9804
Tetrachloroethene	50.0	364834.000	0.3443	100	724779.000	0.3452	200	1420182.00	0.3252
Trichloroethene	50.0	453561.000	0.3639	100	906116.000	0.3596	200	1788275.00	0.3339

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS10
Initial Calibration Date: 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-11		
	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA
Chloroform	NA	NA	NA
Ethylbenzene	NA	NA	NA
Toluene	NA	NA	NA
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA
Bromoform	NA	NA	NA
Chlorobenzene	NA	NA	NA
Chloromethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA
1,2-Dibromo-3-Chloropropane	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA
2-Butanone	300	480000.000	0.05900
2-Hexanone	300	658208.000	0.09620
4-Methyl-2-Pentanone	300	417117.000	0.05130
Acetone	300	308730.000	0.03790
Benzene	NA	NA	NA
Bromodichloromethane	NA	NA	NA
Bromomethane	NA	NA	NA
Carbon Disulfide	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA
Chloroethane	NA	NA	NA
Cyclohexane	NA	NA	NA
Dibromochloromethane	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA
Isopropylbenzene	NA	NA	NA
Methyl Tert Butyl Ether	NA	NA	NA
Methyl acetate	NA	NA	NA
Methylcyclohexane	NA	NA	NA
Methylene Chloride	NA	NA	NA
Styrene	NA	NA	NA
Tetrachloroethene	NA	NA	NA
Trichloroethene	NA	NA	NA

Login Number: L0706285 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
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Analyte	WG240519-02			WG240519-03			WG240519-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA	0.400	2615.00000	0.2656	1.00	14154.0000	0.5779
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2596.00000	0.2636	1.00	7239.00000	0.2956
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3264.00000	0.3315	1.00	8847.00000	0.3612
m-,p-Xylene	NA	NA	NA	0.800	9485.00000	0.5585	2.00	25148.0000	0.6098
o-Xylene	NA	NA	NA	0.400	4615.00000	0.5435	1.00	11996.0000	0.5818
trans-1,2-Dichloroethene	NA	NA	NA	0.400	2375.00000	0.2412	1.00	6852.00000	0.2798
trans-1,3-Dichloropropene	NA	NA	NA	0.400	2840.00000	0.3345	1.00	7376.00000	0.3577

Login Number: L0706285 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
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Analyte	WG240519-05			WG240519-06			WG240519-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	2.00	30051.0000	0.6128	5.00	71043.0000	0.5817	20.0	304019.000	0.6098
cis-1,2-Dichloroethene	2.00	15144.0000	0.3088	5.00	37903.0000	0.3104	20.0	166870.000	0.3347
cis-1,3-Dichloropropene	2.00	18801.0000	0.3834	5.00	47760.0000	0.3911	20.0	224541.000	0.4504
m-,p-Xylene	4.00	50675.0000	0.6106	10.0	128856.000	0.6300	40.0	560276.000	0.6674
o-Xylene	2.00	23763.0000	0.5727	5.00	60368.0000	0.5903	20.0	269037.000	0.6409
trans-1,2-Dichloroethene	2.00	14481.0000	0.2953	5.00	35190.0000	0.2881	20.0	158062.000	0.3170
trans-1,3-Dichloropropene	2.00	17344.0000	0.4180	5.00	43248.0000	0.4229	20.0	199709.000	0.4758

Login Number: L0706285 **Instrument ID:** HPMS10
Analytical Method: 8260B **Initial Calibration Date:** 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-08			WG240519-09			WG240519-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	50.0	755871.000	0.6065	100	1451138.00	0.5758	200	2793257.00	0.5216
cis-1,2-Dichloroethene	50.0	420231.000	0.3372	100	836057.000	0.3318	200	1668532.00	0.3115
cis-1,3-Dichloropropene	50.0	571919.000	0.4589	100	1153957.00	0.4579	200	2233622.00	0.4171
m-,p-Xylene	100	1402093.00	0.6616	200	2718994.00	0.6476	400	5215488.00	0.5971
o-Xylene	50.0	684554.000	0.6461	100	1340396.00	0.6385	200	2575307.00	0.5897
trans-1,2-Dichloroethene	50.0	402919.000	0.3233	100	810116.000	0.3215	200	1618813.00	0.3023
trans-1,3-Dichloropropene	50.0	503024.000	0.4748	100	1022811.00	0.4872	200	1913348.00	0.4381

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS10
Initial Calibration Date: 17-MAY-07 15:55
Column ID: F

Analyte	WG240519-11		
	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA
m-,p-Xylene	NA	NA	NA
o-Xylene	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA

Login Number: L0706285 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-02			WG239757-03			WG239757-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	7734.00000	0.4824	1.00	19120.0000	0.4765
1,2-Dichloropropane	NA	NA	NA	0.400	3638.00000	0.2269	1.00	9980.00000	0.2487
Chloroform	0.300	6829.00000	0.5427	0.400	7592.00000	0.4736	1.00	19668.0000	0.4902
Ethylbenzene	NA	NA	NA	0.400	6136.00000	0.5104	1.00	17114.0000	0.5701
Toluene	NA	NA	NA	0.400	15272.0000	1.270	1.00	40883.0000	1.362
Vinyl Chloride	NA	NA	NA	0.400	4474.00000	0.2791	1.00	10547.0000	0.2629
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	2110.00000	0.2971	1.00	5959.00000	0.3339
1,1-Dichloroethane	NA	NA	NA	0.400	7806.00000	0.4869	1.00	21379.0000	0.5328
Bromoform	NA	NA	NA	NA	NA	NA	1.00	3153.00000	0.1050
Chlorobenzene	NA	NA	NA	0.400	11776.0000	0.9796	1.00	29870.0000	0.9951
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	16266.0000	0.4054
1,1,1-Trichloroethane	NA	NA	NA	0.400	5857.00000	0.3654	1.00	15984.0000	0.3984
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	1.00	10506.0000	0.2618
1,1,2-Trichloroethane	NA	NA	NA	0.400	2131.00000	0.1773	1.00	5834.00000	0.1944
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	7066.00000	0.9950	1.00	16153.0000	0.9051
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	1.00	1133.00000	0.06350
1,2-Dibromoethane	NA	NA	NA	0.400	2315.00000	0.1926	1.00	6066.00000	0.2021
1,2-Dichlorobenzene	0.300	8061.00000	1.436	0.400	8276.00000	1.165	1.00	23109.0000	1.295
1,2-Dichloroethane	NA	NA	NA	0.400	5485.00000	0.3422	1.00	14407.0000	0.3591
1,3-Dichlorobenzene	NA	NA	NA	0.400	10116.0000	1.425	1.00	25438.0000	1.425
1,4-Dichlorobenzene	0.300	9286.00000	1.655	0.400	11301.0000	1.591	1.00	27290.0000	1.529
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	15029.0000	0.9375	1.00	40893.0000	1.019
Bromodichloromethane	NA	NA	NA	0.400	4474.00000	0.2791	1.00	12610.0000	0.3143
Bromomethane	NA	NA	NA	0.400	3034.00000	0.1893	1.00	7470.00000	0.1862
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	30471.0000	0.7594
Carbon Tetrachloride	NA	NA	NA	0.400	4766.00000	0.2973	1.00	13118.0000	0.3269
Chloroethane	NA	NA	NA	0.400	3317.00000	0.2069	1.00	9488.00000	0.2365
Cyclohexane	NA	NA	NA	NA	NA	NA	1.00	19188.0000	0.4782
Dibromochloromethane	NA	NA	NA	0.400	2076.00000	0.1727	1.00	6837.00000	0.2278
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	16049.0000	0.4000
Isopropylbenzene	NA	NA	NA	0.400	18209.0000	1.515	1.00	47101.0000	1.569
Methyl Tert Butyl Ether	NA	NA	NA	NA	NA	NA	1.00	19665.0000	0.4901
Methyl acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NA	NA	NA	NA	NA	NA	1.00	13097.0000	0.3264
Methylene Chloride	NA	NA	NA	0.400	5576.00000	0.3478	1.00	13262.0000	0.3305
Styrene	NA	NA	NA	0.400	11653.0000	0.9694	1.00	31669.0000	1.055
Tetrachloroethene	NA	NA	NA	0.400	4294.00000	0.3572	1.00	10172.0000	0.3389
Trichloroethene	NA	NA	NA	0.400	3723.00000	0.2322	1.00	10939.0000	0.2726

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Login Number: L0706285 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-05			WG239757-06			WG239757-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	41316.0000	0.5101	5.00	90260.0000	0.4501	20.0	413231.000	0.4984
1,2-Dichloropropane	2.00	22290.0000	0.2752	5.00	50989.0000	0.2543	20.0	222853.000	0.2688
Chloroform	2.00	40975.0000	0.5059	5.00	93603.0000	0.4668	20.0	406616.000	0.4904
Ethylbenzene	2.00	31802.0000	0.5200	5.00	79173.0000	0.5118	20.0	345779.000	0.5471
Toluene	2.00	87295.0000	1.427	5.00	199299.000	1.288	20.0	886463.000	1.403
Vinyl Chloride	2.00	21145.0000	0.2610	5.00	42021.0000	0.2096	20.0	178970.000	0.2158
1,1,2,2-Tetrachloroethane	2.00	12452.0000	0.3508	5.00	35683.0000	0.3905	20.0	139841.000	0.3748
1,1-Dichloroethane	2.00	45262.0000	0.5588	5.00	101521.000	0.5063	20.0	453355.000	0.5468
Bromoform	2.00	6828.00000	0.1116	5.00	19739.0000	0.1276	20.0	88218.0000	0.1396
Chlorobenzene	2.00	59191.0000	0.9678	5.00	141516.000	0.9147	20.0	609802.000	0.9648
Chloromethane	2.00	31546.0000	0.3895	5.00	63082.0000	0.3146	20.0	272466.000	0.3286
1,1,1-Trichloroethane	2.00	35044.0000	0.4326	5.00	79864.0000	0.3983	20.0	362982.000	0.4378
1,1,2-Trichloro-1,2,2-Trifluoroethane	2.00	21577.0000	0.2664	5.00	45221.0000	0.2255	20.0	208347.000	0.2513
1,1,2-Trichloroethane	2.00	11969.0000	0.1957	5.00	31152.0000	0.2014	20.0	127239.000	0.2013
1,2,4-Trichlorobenzene	2.00	31228.0000	0.8797	5.00	74292.0000	0.8131	20.0	308979.000	0.8281
1,2-Dibromo-3-Chloropropane	2.00	2382.00000	0.06710	5.00	7229.00000	0.07910	20.0	28405.0000	0.07610
1,2-Dibromoethane	2.00	12348.0000	0.2019	5.00	33335.0000	0.2155	20.0	137938.000	0.2182
1,2-Dichlorobenzene	2.00	44697.0000	1.259	5.00	110400.000	1.208	20.0	471737.000	1.264
1,2-Dichloroethane	2.00	28617.0000	0.3533	5.00	74392.0000	0.3710	20.0	305944.000	0.3690
1,3-Dichlorobenzene	2.00	51651.0000	1.455	5.00	124662.000	1.364	20.0	523753.000	1.404
1,4-Dichlorobenzene	2.00	53042.0000	1.494	5.00	127273.000	1.393	20.0	534355.000	1.432
2-Butanone	NA	NA	NA	5.00	14360.0000	0.07160	20.0	56856.0000	0.06860
2-Hexanone	NA	NA	NA	5.00	19359.0000	0.1251	20.0	81657.0000	0.1292
4-Methyl-2-Pentanone	NA	NA	NA	5.00	9840.00000	0.04910	20.0	42611.0000	0.05140
Acetone	NA	NA	NA	5.00	11127.0000	0.05550	20.0	41798.0000	0.05040
Benzene	2.00	85729.0000	1.058	5.00	194150.000	0.9682	20.0	845450.000	1.020
Bromodichloromethane	2.00	25146.0000	0.3104	5.00	64015.0000	0.3192	20.0	281098.000	0.3390
Bromomethane	2.00	15425.0000	0.1904	5.00	32256.0000	0.1609	20.0	154185.000	0.1860
Carbon Disulfide	2.00	63392.0000	0.7826	5.00	124034.000	0.6185	20.0	662507.000	0.7990
Carbon Tetrachloride	2.00	28072.0000	0.3466	5.00	63285.0000	0.3156	20.0	311116.000	0.3752
Chloroethane	2.00	19894.0000	0.2456	5.00	40335.0000	0.2011	20.0	182087.000	0.2196
Cyclohexane	2.00	39382.0000	0.4862	5.00	73780.0000	0.3679	20.0	414077.000	0.4994
Dibromochloromethane	2.00	13447.0000	0.2199	5.00	37437.0000	0.2420	20.0	166399.000	0.2633
Dichlorodifluoromethane	2.00	31909.0000	0.3939	5.00	66623.0000	0.3322	20.0	304987.000	0.3678
Isopropylbenzene	2.00	98349.0000	1.608	5.00	226757.000	1.466	20.0	1051083.00	1.663
Methyl Tert Butyl Ether	2.00	38011.0000	0.4693	5.00	98738.0000	0.4924	20.0	420497.000	0.5071
Methyl acetate	2.00	12354.0000	0.1525	5.00	29684.0000	0.1480	20.0	112193.000	0.1353
Methylcyclohexane	2.00	28011.0000	0.3458	5.00	52190.0000	0.2603	20.0	302164.000	0.3644
Methylene Chloride	2.00	23786.0000	0.2937	5.00	54242.0000	0.2705	20.0	218162.000	0.2631
Styrene	2.00	63790.0000	1.043	5.00	160425.000	1.037	20.0	718369.000	1.137
Tetrachloroethene	2.00	21417.0000	0.3502	5.00	47720.0000	0.3085	20.0	214642.000	0.3396
Trichloroethene	2.00	21931.0000	0.2708	5.00	48945.0000	0.2441	20.0	219349.000	0.2645

Login Number: L0706285 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-08			WG239757-09			WG239757-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	1050662.00	0.4883	100	2059557.00	0.4780	200	4547593.00	0.4912
1,2-Dichloropropane	50.0	562220.000	0.2613	100	1136579.00	0.2638	200	2426360.00	0.2621
Chloroform	50.0	1025703.00	0.4767	100	1991576.00	0.4623	200	4134154.00	0.4465
Ethylbenzene	50.0	864192.000	0.5215	100	1723058.00	0.5093	200	3458349.00	0.4690
Toluene	50.0	2189839.00	1.322	100	4302489.00	1.272	200	8605216.00	1.167
Vinyl Chloride	50.0	435763.000	0.2025	100	824509.000	0.1914	200	1496630.00	0.1616
1,1,2,2-Tetrachloroethane	50.0	388587.000	0.3821	100	835048.000	0.3893	200	1673299.00	0.3756
1,1-Dichloroethane	50.0	1138324.00	0.5290	100	2216487.00	0.5145	200	4704973.00	0.5082
Bromoform	50.0	263462.000	0.1590	100	588289.000	0.1739	200	1274848.00	0.1729
Chlorobenzene	50.0	1524858.00	0.9203	100	3059297.00	0.9042	200	6167697.00	0.8365
Chloromethane	50.0	653611.000	0.3037	100	1275025.00	0.2959	200	2753367.00	0.2974
1,1,1-Trichloroethane	50.0	945607.000	0.4394	100	1858208.00	0.4313	200	3821911.00	0.4128
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.0	533137.000	0.2478	100	1035284.00	0.2403	200	2087469.00	0.2255
1,1,2-Trichloroethane	50.0	335580.000	0.2025	100	695017.000	0.2054	200	1485667.00	0.2015
1,2,4-Trichlorobenzene	50.0	795026.000	0.7817	100	1603389.00	0.7475	200	3142181.00	0.7053
1,2-Dibromo-3-Chloropropane	50.0	81954.0000	0.08060	100	171478.000	0.07990	200	341067.000	0.07660
1,2-Dibromoethane	50.0	368717.000	0.2225	100	763914.000	0.2258	200	1625705.00	0.2205
1,2-Dichlorobenzene	50.0	1224705.00	1.204	100	2541205.00	1.185	200	4990258.00	1.120
1,2-Dichloroethane	50.0	770802.000	0.3582	100	1504056.00	0.3491	200	3029011.00	0.3271
1,3-Dichlorobenzene	50.0	1369923.00	1.347	100	2843857.00	1.326	200	5607669.00	1.259
1,4-Dichlorobenzene	50.0	1393700.00	1.370	100	2896230.00	1.350	200	5652975.00	1.269
2-Butanone	50.0	151776.000	0.07050	100	316024.000	0.07340	200	675993.000	0.07300
2-Hexanone	50.0	231092.000	0.1395	100	496610.000	0.1468	200	1023988.00	0.1389
4-Methyl-2-Pentanone	50.0	120119.000	0.05580	100	256286.000	0.05950	200	541174.000	0.05840
Acetone	50.0	104763.000	0.04870	100	207810.000	0.04820	200	435493.000	0.04700
Benzene	50.0	2131994.00	0.9908	100	4157740.00	0.9650	200	8370589.00	0.9041
Bromodichloromethane	50.0	738009.000	0.3430	100	1493546.00	0.3467	200	3166133.00	0.3420
Bromomethane	50.0	414384.000	0.1926	100	860369.000	0.1997	200	1941217.00	0.2097
Carbon Disulfide	50.0	1698481.00	0.7893	100	3360251.00	0.7799	200	7266806.00	0.7848
Carbon Tetrachloride	50.0	816841.000	0.3796	100	1626193.00	0.3774	200	3359811.00	0.3629
Chloroethane	50.0	483296.000	0.2246	100	970601.000	0.2253	200	1941554.00	0.2097
Cyclohexane	50.0	1081688.00	0.5027	100	2114898.00	0.4909	200	4215187.00	0.4553
Dibromochloromethane	50.0	466851.000	0.2817	100	1000618.00	0.2957	200	2152233.00	0.2919
Dichlorodifluoromethane	50.0	756851.000	0.3517	100	1478624.00	0.3432	200	2800310.00	0.3024
Isopropylbenzene	50.0	2660840.00	1.606	100	5342855.00	1.579	200	10393022.0	1.410
Methyl Tert Butyl Ether	50.0	1097482.00	0.5100	100	2171340.00	0.5040	200	4497040.00	0.4857
Methyl acetate	50.0	291244.000	0.1353	100	605141.000	0.1405	200	1446896.00	0.1563
Methylcyclohexane	50.0	763664.000	0.3549	100	1531308.00	0.3554	200	3109408.00	0.3358
Methylene Chloride	50.0	546179.000	0.2538	100	1087790.00	0.2525	200	2310154.00	0.2495
Styrene	50.0	1847075.00	1.115	100	3705027.00	1.095	200	7305313.00	0.9908
Tetrachloroethene	50.0	548379.000	0.3309	100	1090532.00	0.3223	200	2292351.00	0.3109
Trichloroethene	50.0	558934.000	0.2598	100	1128065.00	0.2618	200	2405085.00	0.2598

KEMRON FORMS - Modified 10/13/2006
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Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-11		
	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA
Chloroform	NA	NA	NA
Ethylbenzene	NA	NA	NA
Toluene	NA	NA	NA
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA
Bromoform	NA	NA	NA
Chlorobenzene	NA	NA	NA
Chloromethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA
1,2-Dibromo-3-Chloropropane	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA
2-Butanone	300	928123.000	0.07010
2-Hexanone	300	1457928.00	0.1449
4-Methyl-2-Pentanone	300	721519.000	0.05450
Acetone	300	574865.000	0.04340
Benzene	NA	NA	NA
Bromodichloromethane	NA	NA	NA
Bromomethane	NA	NA	NA
Carbon Disulfide	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA
Chloroethane	NA	NA	NA
Cyclohexane	NA	NA	NA
Dibromochloromethane	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA
Isopropylbenzene	NA	NA	NA
Methyl Tert Butyl Ether	NA	NA	NA
Methyl acetate	NA	NA	NA
Methylcyclohexane	NA	NA	NA
Methylene Chloride	NA	NA	NA
Styrene	NA	NA	NA
Tetrachloroethene	NA	NA	NA
Trichloroethene	NA	NA	NA

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-02			WG239757-03			WG239757-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA	0.400	8154.00000	0.5086	1.00	20596.0000	0.5133
cis-1,2-Dichloroethene	NA	NA	NA	0.400	4340.00000	0.2707	1.00	10995.0000	0.2740
cis-1,3-Dichloropropene	NA	NA	NA	0.400	5356.00000	0.3341	1.00	14010.0000	0.3492
m-,p-Xylene	NA	NA	NA	0.800	16510.0000	0.6867	2.00	43708.0000	0.7281
o-Xylene	NA	NA	NA	0.400	7583.00000	0.6308	1.00	19605.0000	0.6531
trans-1,2-Dichloroethene	NA	NA	NA	0.400	3977.00000	0.2481	1.00	10875.0000	0.2710
trans-1,3-Dichloropropene	NA	NA	NA	0.400	4463.00000	0.3713	1.00	12277.0000	0.4090

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-05			WG239757-06			WG239757-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	2.00	43432.0000	0.5362	5.00	92888.0000	0.4632	20.0	424588.000	0.5121
cis-1,2-Dichloroethene	2.00	22966.0000	0.2835	5.00	51650.0000	0.2576	20.0	223699.000	0.2698
cis-1,3-Dichloropropene	2.00	28462.0000	0.3514	5.00	71958.0000	0.3588	20.0	316254.000	0.3814
m-,p-Xylene	4.00	86237.0000	0.7050	10.0	195215.000	0.6309	40.0	884778.000	0.7000
o-Xylene	2.00	40231.0000	0.6578	5.00	95089.0000	0.6146	20.0	425058.000	0.6725
trans-1,2-Dichloroethene	2.00	21984.0000	0.2714	5.00	47729.0000	0.2380	20.0	215516.000	0.2599
trans-1,3-Dichloropropene	2.00	25251.0000	0.4129	5.00	64583.0000	0.4175	20.0	276408.000	0.4373

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-08			WG239757-09			WG239757-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	50.0	1099476.00	0.5110	100	2216129.00	0.5144	200	4866778.00	0.5256
cis-1,2-Dichloroethene	50.0	561154.000	0.2608	100	1101234.00	0.2556	200	2334803.00	0.2522
cis-1,3-Dichloropropene	50.0	829268.000	0.3854	100	1712980.00	0.3976	200	3589279.00	0.3877
m-,p-Xylene	100	2199706.00	0.6638	200	4317657.00	0.6381	400	8344415.00	0.5659
o-Xylene	50.0	1078156.00	0.6507	100	2173049.00	0.6423	200	4358249.00	0.5911
trans-1,2-Dichloroethene	50.0	538463.000	0.2502	100	1059947.00	0.2460	200	2187287.00	0.2362
trans-1,3-Dichloropropene	50.0	743055.000	0.4484	100	1546752.00	0.4572	200	3240797.00	0.4395

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 08-MAY-07 16:28
Column ID: F

Analyte	WG239757-11		
	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA
m-,p-Xylene	300	0	0
o-Xylene	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA

Login Number: L0706285 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-02			WG239619-03			WG239619-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	3844.00000	0.4248	1.00	12044.0000	0.5347
1,2-Dichloropropane	NA	NA	NA	0.400	2475.00000	0.2735	1.00	7115.00000	0.3159
Chloroform	0.300	4134.00000	0.6053	0.400	5062.00000	0.5594	1.00	13227.0000	0.5873
Ethylbenzene	NA	NA	NA	0.400	4465.00000	0.6111	1.00	11548.0000	0.6523
Toluene	NA	NA	NA	0.400	14340.0000	1.963	1.00	36145.0000	2.042
Vinyl Chloride	NA	NA	NA	0.400	2048.00000	0.2263	1.00	5285.00000	0.2346
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	1641.00000	0.3732	1.00	4703.00000	0.4408
1,1-Dichloroethane	NA	NA	NA	0.400	5344.00000	0.5906	1.00	13779.0000	0.6118
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2870.00000	0.1621
Chlorobenzene	NA	NA	NA	0.400	9091.00000	1.244	1.00	22645.0000	1.279
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	6317.00000	0.2805
1,1,1-Trichloroethane	NA	NA	NA	0.400	4376.00000	0.4836	1.00	11752.0000	0.5218
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA	NA	NA	NA	1.00	6519.00000	0.2894
1,1,2-Trichloroethane	NA	NA	NA	0.400	1511.00000	0.2068	1.00	4629.00000	0.2615
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	4835.00000	1.100	1.00	12170.0000	1.141
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	0.400	1630.00000	0.2231	1.00	4786.00000	0.2703
1,2-Dichlorobenzene	0.300	5779.00000	1.749	0.400	7249.00000	1.649	1.00	17645.0000	1.654
1,2-Dichloroethane	NA	NA	NA	0.400	3680.00000	0.4067	1.00	9057.00000	0.4021
1,3-Dichlorobenzene	NA	NA	NA	0.400	8222.00000	1.870	1.00	20745.0000	1.945
1,4-Dichlorobenzene	0.300	6814.00000	2.062	0.400	8581.00000	1.951	1.00	21488.0000	2.014
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	11553.0000	1.277	1.00	29589.0000	1.314
Bromodichloromethane	NA	NA	NA	0.400	3410.00000	0.3768	1.00	9016.00000	0.4003
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	3710.00000	0.1647
Carbon Disulfide	NA	NA	NA	0.400	8011.00000	0.8853	1.00	19454.0000	0.8637
Carbon Tetrachloride	NA	NA	NA	0.400	3155.00000	0.3487	1.00	10231.0000	0.4542
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	5464.00000	0.2426
Cyclohexane	NA	NA	NA	NA	NA	NA	1.00	10538.0000	0.4679
Dibromochloromethane	NA	NA	NA	0.400	2164.00000	0.2962	1.00	5487.00000	0.3099
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	10161.0000	0.4511
Isopropylbenzene	NA	NA	NA	0.400	12215.0000	1.672	1.00	35251.0000	1.991
Methyl Tert Butyl Ether	NA	NA	NA	NA	NA	NA	1.00	12213.0000	0.5422
Methyl acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	0.400	3536.00000	0.3908	1.00	8272.00000	0.3673
Styrene	NA	NA	NA	0.400	7992.00000	1.094	1.00	21328.0000	1.205
Tetrachloroethene	NA	NA	NA	0.400	2467.00000	0.3376	1.00	6965.00000	0.3934
Trichloroethene	NA	NA	NA	0.400	3541.00000	0.3913	1.00	9042.00000	0.4015

KEMRON FORMS - Modified 10/13/2006
Version 1.6 PDF File ID: 795155
Report generated 06/25/2007 13:54

Login Number: L0706285 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-05			WG239619-06			WG239619-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	18866.0000	0.4334	5.00	54888.0000	0.4957	20.0	255873.000	0.5720
1,2-Dichloropropane	2.00	12739.0000	0.2926	5.00	33850.0000	0.3057	20.0	148138.000	0.3312
Chloroform	2.00	23573.0000	0.5415	5.00	64864.0000	0.5858	20.0	281200.000	0.6286
Ethylbenzene	2.00	21518.0000	0.6202	5.00	58779.0000	0.6616	20.0	257442.000	0.7121
Toluene	2.00	59282.0000	1.709	5.00	160210.000	1.803	20.0	673024.000	1.862
Vinyl Chloride	2.00	10516.0000	0.2416	5.00	23427.0000	0.2116	20.0	88094.0000	0.1969
1,1,2,2-Tetrachloroethane	2.00	9065.00000	0.4265	5.00	24168.0000	0.4515	20.0	104796.000	0.4854
1,1-Dichloroethane	2.00	23987.0000	0.5510	5.00	65985.0000	0.5959	20.0	285640.000	0.6385
Bromoform	2.00	5991.00000	0.1727	5.00	16773.0000	0.1888	20.0	82356.0000	0.2278
Chlorobenzene	2.00	40907.0000	1.179	5.00	109227.000	1.229	20.0	463475.000	1.282
Chloromethane	2.00	11355.0000	0.2608	5.00	28037.0000	0.2532	20.0	104222.000	0.2330
1,1,1-Trichloroethane	2.00	20037.0000	0.4603	5.00	57563.0000	0.5198	20.0	266008.000	0.5947
1,1,2-Trichloro-1,2,2-Trifluoroethane	2.00	14220.0000	0.3267	5.00	35691.0000	0.3223	20.0	143481.000	0.3207
1,1,2-Trichloroethane	2.00	8871.00000	0.2557	5.00	23525.0000	0.2648	20.0	101564.000	0.2809
1,2,4-Trichlorobenzene	2.00	21612.0000	1.017	5.00	60892.0000	1.137	20.0	267518.000	1.239
1,2-Dibromo-3-Chloropropane	2.00	1261.00000	0.05930	5.00	4033.00000	0.07530	20.0	19598.0000	0.09080
1,2-Dibromoethane	2.00	8724.00000	0.2514	5.00	23943.0000	0.2695	20.0	106339.000	0.2941
1,2-Dichlorobenzene	2.00	33846.0000	1.593	5.00	89765.0000	1.677	20.0	382664.000	1.773
1,2-Dichloroethane	2.00	16724.0000	0.3842	5.00	45705.0000	0.4127	20.0	189905.000	0.4245
1,3-Dichlorobenzene	2.00	38750.0000	1.823	5.00	101980.000	1.905	20.0	435927.000	2.019
1,4-Dichlorobenzene	2.00	38731.0000	1.822	5.00	103317.000	1.930	20.0	439485.000	2.036
2-Butanone	2.00	2197.00000	0.05050	5.00	5993.00000	0.05410	20.0	26402.0000	0.05900
2-Hexanone	NA	NA	NA	5.00	5660.00000	0.06370	20.0	26435.0000	0.07310
4-Methyl-2-Pentanone	2.00	1889.00000	0.04340	5.00	6427.00000	0.05800	20.0	28422.0000	0.06350
Acetone	NA	NA	NA	5.00	4459.00000	0.04030	20.0	17488.0000	0.03910
Benzene	2.00	50585.0000	1.162	5.00	136304.000	1.231	20.0	586883.000	1.312
Bromodichloromethane	2.00	16395.0000	0.3766	5.00	45644.0000	0.4122	20.0	199578.000	0.4462
Bromomethane	2.00	7581.00000	0.1741	5.00	20289.0000	0.1832	20.0	96406.0000	0.2155
Carbon Disulfide	2.00	30844.0000	0.7085	5.00	99658.0000	0.9000	20.0	441419.000	0.9868
Carbon Tetrachloride	2.00	16275.0000	0.3739	5.00	48436.0000	0.4374	20.0	229522.000	0.5131
Chloroethane	2.00	10605.0000	0.2436	5.00	28026.0000	0.2531	20.0	116855.000	0.2612
Cyclohexane	2.00	16502.0000	0.3791	5.00	57407.0000	0.5184	20.0	259648.000	0.5804
Dibromochloromethane	2.00	10868.0000	0.3132	5.00	30982.0000	0.3487	20.0	141070.000	0.3902
Dichlorodifluoromethane	2.00	20358.0000	0.4677	5.00	51535.0000	0.4654	20.0	209688.000	0.4688
Isopropylbenzene	2.00	59251.0000	1.708	5.00	174022.000	1.959	20.0	788865.000	2.182
Methyl Tert Butyl Ether	2.00	23440.0000	0.5385	5.00	62960.0000	0.5686	20.0	276900.000	0.6190
Methyl acetate	2.00	4168.00000	0.09570	5.00	11086.0000	0.1001	20.0	45379.0000	0.1014
Methylcyclohexane	NA	NA	NA	5.00	49897.0000	0.4506	20.0	226949.000	0.5073
Methylene Chloride	2.00	14289.0000	0.3282	5.00	36622.0000	0.3307	20.0	150038.000	0.3354
Styrene	2.00	41954.0000	1.209	5.00	119350.000	1.343	20.0	525866.000	1.455
Tetrachloroethene	2.00	11862.0000	0.3419	5.00	33896.0000	0.3815	20.0	152250.000	0.4211
Trichloroethene	2.00	15133.0000	0.3476	5.00	40095.0000	0.3621	20.0	173576.000	0.3880

Login Number: L0706285 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-08			WG239619-09			WG239619-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	641086.000	0.5694	100	1247316.00	0.5360	200	2410121.00	0.5081
1,2-Dichloropropane	50.0	366528.000	0.3256	100	726523.000	0.3122	200	1407864.00	0.2968
Chloroform	50.0	686921.000	0.6101	100	1322264.00	0.5683	200	2548782.00	0.5373
Ethylbenzene	50.0	637118.000	0.6854	100	1177918.00	0.6065	200	1988820.00	0.4923
Toluene	50.0	1623866.00	1.747	100	3085531.00	1.589	200	5482025.00	1.357
Vinyl Chloride	50.0	204780.000	0.1819	100	340922.000	0.1465	NA	NA	NA
1,1,2,2-Tetrachloroethane	50.0	268741.000	0.4783	100	555209.000	0.4654	200	1087345.00	0.4575
1,1-Dichloroethane	50.0	690122.000	0.6130	100	1339603.00	0.5757	200	2678690.00	0.5647
Bromoform	50.0	220815.000	0.2376	100	460881.000	0.2373	200	912987.000	0.2260
Chlorobenzene	50.0	1131485.00	1.217	100	2116191.00	1.090	200	3615853.00	0.8950
Chloromethane	50.0	253744.000	0.2254	100	512948.000	0.2204	200	1168154.00	0.2463
1,1,1-Trichloroethane	50.0	653817.000	0.5807	100	1261984.00	0.5423	200	2361411.00	0.4978
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.0	351500.000	0.3122	100	683325.000	0.2937	200	1306610.00	0.2755
1,1,2-Trichloroethane	50.0	253474.000	0.2727	100	512215.000	0.2637	200	1019007.00	0.2522
1,2,4-Trichlorobenzene	50.0	677274.000	1.205	100	1317752.00	1.105	200	2419971.00	1.018
1,2-Dibromo-3-Chloropropane	50.0	51440.0000	0.09150	100	105298.000	0.08830	200	214956.000	0.09040
1,2-Dibromoethane	50.0	269919.000	0.2904	100	551989.000	0.2842	200	1104260.00	0.2733
1,2-Dichlorobenzene	50.0	965245.000	1.718	100	1866053.00	1.564	200	3373856.00	1.420
1,2-Dichloroethane	50.0	458997.000	0.4077	100	891127.000	0.3830	200	1698502.00	0.3581
1,3-Dichlorobenzene	50.0	1095594.00	1.950	100	2104383.00	1.764	200	3734958.00	1.571
1,4-Dichlorobenzene	50.0	1098526.00	1.955	100	2093796.00	1.755	200	3702766.00	1.558
2-Butanone	50.0	64199.0000	0.05700	100	131637.000	0.05660	200	285074.000	0.06010
2-Hexanone	50.0	69140.0000	0.07440	100	142865.000	0.07360	200	295778.000	0.07320
4-Methyl-2-Pentanone	50.0	72737.0000	0.06460	100	152141.000	0.06540	200	314086.000	0.06620
Acetone	50.0	43401.0000	0.03860	100	87042.0000	0.03740	200	182089.000	0.03840
Benzene	50.0	1429791.00	1.270	100	2757109.00	1.185	200	5036242.00	1.062
Bromodichloromethane	50.0	500406.000	0.4445	100	994360.000	0.4273	200	1946676.00	0.4104
Bromomethane	50.0	257915.000	0.2291	100	539480.000	0.2318	200	1090367.00	0.2299
Carbon Disulfide	50.0	1103637.00	0.9803	100	2142475.00	0.9207	200	4110752.00	0.8666
Carbon Tetrachloride	50.0	571849.000	0.5079	100	1091607.00	0.4691	200	1995646.00	0.4207
Chloroethane	50.0	288352.000	0.2561	100	568537.000	0.2443	200	1113244.00	0.2347
Cyclohexane	50.0	637796.000	0.5665	100	1217203.00	0.5231	200	2245465.00	0.4734
Dibromochloromethane	50.0	361973.000	0.3894	100	737771.000	0.3799	200	1459763.00	0.3613
Dichlorodifluoromethane	50.0	509659.000	0.4527	100	969445.000	0.4166	200	1860016.00	0.3921
Isopropylbenzene	50.0	1958692.00	2.107	100	3684010.00	1.897	200	6261993.00	1.550
Methyl Tert Butyl Ether	50.0	682964.000	0.6066	100	1362415.00	0.5855	200	2749666.00	0.5797
Methyl acetate	50.0	114935.000	0.1021	100	237221.000	0.1019	200	485483.000	0.1023
Methylcyclohexane	50.0	569393.000	0.5058	100	1106978.00	0.4757	200	2104433.00	0.4436
Methylene Chloride	50.0	372333.000	0.3307	100	741120.000	0.3185	200	1463026.00	0.3084
Styrene	50.0	1304479.00	1.403	100	2483833.00	1.279	200	4330342.00	1.072
Tetrachloroethene	50.0	379977.000	0.4088	100	738039.000	0.3800	200	1365123.00	0.3379
Trichloroethene	50.0	433911.000	0.3854	100	845797.000	0.3635	200	1596023.00	0.3365

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS8
Initial Calibration Date: 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-11		
	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA
Chloroform	NA	NA	NA
Ethylbenzene	NA	NA	NA
Toluene	NA	NA	NA
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA
Bromoform	NA	NA	NA
Chlorobenzene	NA	NA	NA
Chloromethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA
1,2-Dibromo-3-Chloropropane	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA
2-Butanone	300	405985.000	0.05580
2-Hexanone	300	447699.000	0.07540
4-Methyl-2-Pentanone	300	461105.000	0.06340
Acetone	300	255037.000	0.03510
Benzene	NA	NA	NA
Bromodichloromethane	NA	NA	NA
Bromomethane	NA	NA	NA
Carbon Disulfide	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA
Chloroethane	NA	NA	NA
Cyclohexane	NA	NA	NA
Dibromochloromethane	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA
Isopropylbenzene	NA	NA	NA
Methyl Tert Butyl Ether	NA	NA	NA
Methyl acetate	NA	NA	NA
Methylcyclohexane	NA	NA	NA
Methylene Chloride	NA	NA	NA
Styrene	NA	NA	NA
Tetrachloroethene	NA	NA	NA
Trichloroethene	NA	NA	NA

KEMRON FORMS - Modified 10/13/2006
Version 1.6 PDF File ID: 795155
Report generated 06/25/2007 13:54

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS8
Initial Calibration Date: 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-02			WG239619-03			WG239619-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA	0.400	4033.00000	0.4457	1.00	13664.0000	0.6067
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2811.00000	0.3106	1.00	7785.00000	0.3456
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3612.00000	0.3992	1.00	9664.00000	0.4291
m-,p-Xylene	NA	NA	NA	0.800	11803.0000	0.8077	2.00	31252.0000	0.8826
o-Xylene	NA	NA	NA	0.400	5482.00000	0.7503	1.00	14269.0000	0.8060
trans-1,2-Dichloroethene	NA	NA	NA	0.400	4042.00000	0.4467	1.00	11700.0000	0.5195
trans-1,3-Dichloropropene	NA	NA	NA	0.400	3137.00000	0.4293	1.00	8451.00000	0.4774

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS8
Initial Calibration Date: 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-05			WG239619-06			WG239619-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	2.00	26625.0000	0.6116	5.00	71393.0000	0.6447	20.0	288917.000	0.6459
cis-1,2-Dichloroethene	2.00	13959.0000	0.3207	5.00	38082.0000	0.3439	20.0	168608.000	0.3769
cis-1,3-Dichloropropene	2.00	18531.0000	0.4257	5.00	50321.0000	0.4544	20.0	224362.000	0.5016
m-,p-Xylene	4.00	53572.0000	0.7720	10.0	149621.000	0.8420	40.0	643325.000	0.8898
o-Xylene	2.00	26476.0000	0.7631	5.00	71282.0000	0.8023	20.0	316839.000	0.8764
trans-1,2-Dichloroethene	2.00	19624.0000	0.4508	5.00	54285.0000	0.4902	20.0	239484.000	0.5354
trans-1,3-Dichloropropene	2.00	15014.0000	0.4327	5.00	43069.0000	0.4848	20.0	194724.000	0.5386

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS8
Initial Calibration Date: 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-08			WG239619-09			WG239619-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Trichlorofluoromethane	50.0	722512.000	0.6418	100	1399693.00	0.6015	200	2796074.00	0.5895
cis-1,2-Dichloroethene	50.0	411935.000	0.3659	100	804879.000	0.3459	200	1595731.00	0.3364
cis-1,3-Dichloropropene	50.0	562863.000	0.5000	100	1119587.00	0.4812	200	2168863.00	0.4572
m-,p-Xylene	100	1556043.00	0.8370	200	2820979.00	0.7262	400	4564562.00	0.5649
o-Xylene	50.0	793349.000	0.8535	100	1517464.00	0.7813	200	2688417.00	0.6654
trans-1,2-Dichloroethene	50.0	584974.000	0.5196	100	1118273.00	0.4806	200	2124504.00	0.4479
trans-1,3-Dichloropropene	50.0	486653.000	0.5235	100	978723.000	0.5039	200	1898598.00	0.4699

Login Number: L0706285
Analytical Method: 8260B
Instrument ID: HPMS8
Initial Calibration Date: 06-MAY-07 18:59
Column ID: F

Analyte	WG239619-11		
	CONC	RESP	RF
Trichlorofluoromethane	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA
m-,p-Xylene	NA	NA	NA
o-Xylene	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00085840

Login Number: L0706285 Run Date: 05/17/2007 Sample ID: WG240519-12

Instrument ID: HPMS10 Run Time: 16:59 Method: 8260B

File ID: 10M55409 Analyst: MES

ICal Workgroup: WG240519 Cal ID: HPMS10 - 17-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	20.0	22.0	ug/L	0.304	10.0	30	
1,2-Dichloropropane	CCC	20.0	22.3	ug/L	0.293	11.7	30	
Chloroform	CCC	20.0	20.9	ug/L	0.583	4.60	30	
Ethylbenzene	CCC	20.0	22.7	ug/L	0.585	13.7	30	
Toluene	CCC	20.0	21.7	ug/L	1.51	8.70	30	
Vinyl Chloride	CCC	20.0	20.2	ug/L	0.208	0.800	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	22.3	ug/L	0.463	11.4	30	
1,1-Dichloroethane	SPCC	20.0	21.4	ug/L	0.571	7.00	30	
Bromoform	SPCC	20.0	18.0	ug/L	0.188	10.1	30	
Chlorobenzene	SPCC	20.0	21.4	ug/L	1.06	6.90	30	
Chloromethane	SPCC	20.0	24.0	ug/L	0.296	19.8	30	
1,1,1-Trichloroethane		20.0	22.1	ug/L	0.559	10.4	30	
1,1,2-Trichloro-1,2,2-Trifluoroethane		20.0	22.2	ug/L	0.334	10.9	30	
1,1,2-Trichloroethane		20.0	22.8	ug/L	0.249	14.1	30	
1,2,4-Trichlorobenzene		20.0	22.1	ug/L	1.06	10.4	30	
1,2-Dibromo-3-Chloropropane		20.0	20.6	ug/L	0.0927	3.20	30	
1,2-Dibromoethane		20.0	22.0	ug/L	0.267	10.1	30	
1,2-Dichlorobenzene		20.0	21.5	ug/L	1.47	7.40	30	
1,2-Dichloroethane		20.0	20.9	ug/L	0.395	4.40	30	
cis-1,2-Dichloroethene		20.0	22.7	ug/L	0.353	13.4	30	
trans-1,2-Dichloroethene		20.0	22.3	ug/L	0.330	11.5	30	
1,3-Dichlorobenzene		20.0	21.3	ug/L	1.65	6.50	30	
1,4-Dichlorobenzene		20.0	20.6	ug/L	1.65	3.20	30	
2-Butanone		20.0	24.4	ug/L	0.0739	21.8	30	
2-Hexanone		20.0	20.5	ug/L	0.105	2.50	30	
4-Methyl-2-Pentanone		20.0	21.2	ug/L	0.0566	5.90	30	
Acetone		20.0	22.7	ug/L	0.0487	13.7	30	
Benzene		20.0	21.8	ug/L	1.21	9.20	30	
Bromodichloromethane		20.0	22.5	ug/L	0.418	12.6	30	
Bromomethane		20.0	21.8	ug/L	0.225	8.90	30	
Carbon Disulfide		20.0	19.7	ug/L	0.850	1.30	30	
Carbon Tetrachloride		20.0	19.3	ug/L	0.511	3.40	30	
Chloroethane		20.0	22.3	ug/L	0.212	11.3	30	
cis-1,3-Dichloropropene		20.0	22.8	ug/L	0.464	14.2	30	
Cyclohexane		20.0	21.1	ug/L	0.512	5.40	30	
Dibromochloromethane		20.0	18.8	ug/L	0.346	6.20	30	
Dichlorodifluoromethane		20.0	23.3	ug/L	0.410	16.5	30	
Isopropylbenzene		20.0	20.6	ug/L	1.53	2.90	30	
Methyl acetate		20.0	20.2	ug/L	0.120	1.20	30	
Methyl Tert Butyl Ether		20.0	22.2	ug/L	0.658	10.8	30	
Methylcyclohexane		20.0	21.3	ug/L	0.489	6.40	30	
Methylene Chloride		20.0	20.1	ug/L	0.299	0.500	30	

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 795156
Report generated 06/25/2007 13:54

Login Number: L0706285 Run Date: 05/17/2007 Sample ID: WG240519-12
Instrument ID: HPMS10 Run Time: 16:59 Method: 8260B
File ID: 10M55409 Analyst: MES
ICal Workgroup: WG240519 Cal ID: HPMS10 - 17-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Styrene		20.0	20.1	ug/L	1.10	0.400	30	
Tetrachloroethene		20.0	21.8	ug/L	0.360	9.00	30	
trans-1,3-Dichloropropene		20.0	20.8	ug/L	0.443	4.00	30	
Trichloroethene		20.0	22.5	ug/L	0.385	12.4	30	
Trichlorofluoromethane		20.0	19.6	ug/L	0.604	1.90	30	
Xylenes		60.0	67.2	ug/L	0.684	11.9	30	
m-,p-Xylene		40.0	44.8	ug/L	0.698	12.1	30	
1,2-Dichloroethene		40.0	45.0	ug/L	0.342	12.4	30	
o-Xylene		20.0	22.3	ug/L	0.670	11.6	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 795156
Report generated 06/25/2007 13:54

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00085842

Login Number:L0706285 Run Date:05/08/2007 Sample ID:WG239757-12

Instrument ID:HPMS6 Run Time:17:21 Method:8260B

File ID:6M65882 Analyst:CMS

ICal Workgroup:WG239757 Cal ID: HPMS6 - 08-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	20.0	19.0	ug/L	0.459	5.20	30	
1,2-Dichloropropane	CCC	20.0	20.1	ug/L	0.259	0.400	30	
Chloroform	CCC	20.0	19.5	ug/L	0.471	2.60	30	
Ethylbenzene	CCC	20.0	20.7	ug/L	0.537	3.30	30	
Toluene	CCC	20.0	20.7	ug/L	1.36	3.40	30	
Vinyl Chloride	CCC	20.0	18.0	ug/L	0.194	10.0	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	20.7	ug/L	0.375	3.50	30	
1,1-Dichloroethane	SPCC	20.0	20.1	ug/L	0.526	0.600	30	
Bromoform	SPCC	20.0	16.8	ug/L	0.130	16.2	30	
Chlorobenzene	SPCC	20.0	19.9	ug/L	0.932	0.400	30	
Chloromethane	SPCC	20.0	19.5	ug/L	0.325	2.50	30	
1,1,1-Trichloroethane		20.0	19.9	ug/L	0.412	0.700	30	
1,1,2-Trichloro-1,2,2-Trifluoroethane		20.0	20.9	ug/L	0.257	4.60	30	
1,1,2-Trichloroethane		20.0	20.1	ug/L	0.198	0.300	30	
1,2,4-Trichlorobenzene		20.0	19.5	ug/L	0.809	2.70	30	
1,2-Dibromo-3-Chloropropane		20.0	18.8	ug/L	0.0703	5.90	30	
1,2-Dibromoethane		20.0	19.4	ug/L	0.206	3.00	30	
1,2-Dichlorobenzene		20.0	19.9	ug/L	1.23	0.500	30	
1,2-Dichloroethane		20.0	19.5	ug/L	0.345	2.50	30	
cis-1,2-Dichloroethene		20.0	20.0	ug/L	0.265	0.100	30	
trans-1,2-Dichloroethene		20.0	19.2	ug/L	0.243	3.90	30	
1,3-Dichlorobenzene		20.0	19.9	ug/L	1.37	0.600	30	
1,4-Dichlorobenzene		20.0	19.2	ug/L	1.40	3.90	30	
2-Butanone		20.0	20.7	ug/L	0.0739	3.60	30	
2-Hexanone		20.0	17.5	ug/L	0.120	12.3	30	
4-Methyl-2-Pentanone		20.0	17.6	ug/L	0.0483	11.8	30	
Acetone		20.0	21.0	ug/L	0.0513	4.90	30	
Benzene		20.0	20.2	ug/L	0.992	0.900	30	
Bromodichloromethane		20.0	20.2	ug/L	0.327	0.900	30	
Bromomethane		20.0	18.9	ug/L	0.179	5.50	30	
Carbon Disulfide		20.0	21.7	ug/L	0.823	8.40	30	
Carbon Tetrachloride		20.0	20.4	ug/L	0.355	2.00	30	
Chloroethane		20.0	20.4	ug/L	0.225	1.80	30	
cis-1,3-Dichloropropene		20.0	19.9	ug/L	0.367	0.300	30	
Cyclohexane		20.0	21.1	ug/L	0.495	5.50	30	
Dibromochloromethane		20.0	17.9	ug/L	0.251	10.5	30	
Dichlorodifluoromethane		20.0	18.2	ug/L	0.324	9.10	30	
Isopropylbenzene		20.0	18.8	ug/L	1.46	5.80	30	
Methyl acetate		20.0	19.6	ug/L	0.142	1.90	30	
Methyl Tert Butyl Ether		20.0	20.0	ug/L	0.493	0.200	30	
Methylcyclohexane		20.0	22.1	ug/L	0.369	10.3	30	
Methylene Chloride		20.0	18.5	ug/L	0.261	7.70	30	

KEMRON FORMS - Modified 03/21/2007 - (ALT)
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Login Number: L0706285 Run Date: 05/08/2007 Sample ID: WG239757-12
Instrument ID: HPMS6 Run Time: 17:21 Method: 8260B
File ID: 6M65882 Analyst: CMS
ICal Workgroup: WG239757 Cal ID: HPMS6 - 08-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Styrene		20.0	21.0	ug/L	1.11	4.80	30	
Tetrachloroethene		20.0	19.7	ug/L	0.328	1.30	30	
trans-1,3-Dichloropropene		20.0	18.8	ug/L	0.400	5.80	30	
Trichloroethene		20.0	19.6	ug/L	0.254	1.80	30	
Trichlorofluoromethane		20.0	17.8	ug/L	0.455	10.9	30	
Xylenes		60.0	60.6	ug/L	0.659	1.10	30	
m-,p-Xylene		40.0	40.5	ug/L	0.673	1.20	30	
1,2-Dichloroethene		40.0	39.2	ug/L	0.254	2.00	30	
o-Xylene		20.0	20.2	ug/L	0.644	0.800	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 795156
Report generated 06/25/2007 13:54

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00085844

Login Number: L0706285 Run Date: 05/06/2007 Sample ID: WG239619-12

Instrument ID: HPMS8 Run Time: 20:28 Method: 8260B

File ID: 8M336173 Analyst: CMS

ICal Workgroup: WG239619 Cal ID: HPMS8 - 06-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	20.0	19.8	ug/L	0.504	1.00	30	
1,2-Dichloropropane	CCC	20.0	20.6	ug/L	0.316	3.00	30	
Chloroform	CCC	20.0	20.1	ug/L	0.582	0.300	30	
Ethylbenzene	CCC	20.0	21.9	ug/L	0.689	9.30	30	
Toluene	CCC	20.0	20.0	ug/L	1.76	0.100	30	
Vinyl Chloride	CCC	20.0	15.8	ug/L	0.162	21.0	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	21.3	ug/L	0.476	6.50	30	
1,1-Dichloroethane	SPCC	20.0	19.5	ug/L	0.578	2.40	30	
Bromoform	SPCC	20.0	17.7	ug/L	0.207	11.7	30	
Chlorobenzene	SPCC	20.0	20.5	ug/L	1.21	2.60	30	
Chloromethane	SPCC	20.0	18.3	ug/L	0.225	8.50	30	
1,1,1-Trichloroethane		20.0	20.6	ug/L	0.542	3.20	30	
1,1,2-Trichloro-1,2,2-Trifluoroethane		20.0	20.7	ug/L	0.316	3.50	30	
1,1,2-Trichloroethane		20.0	21.8	ug/L	0.280	8.80	30	
1,2,4-Trichlorobenzene		20.0	20.9	ug/L	1.17	4.40	30	
1,2-Dibromo-3-Chloropropane		20.0	18.6	ug/L	0.0817	7.00	30	
1,2-Dibromoethane		20.0	21.2	ug/L	0.286	6.00	30	
1,2-Dichlorobenzene		20.0	20.5	ug/L	1.69	2.70	30	
1,2-Dichloroethane		20.0	19.6	ug/L	0.389	2.20	30	
cis-1,2-Dichloroethene		20.0	20.9	ug/L	0.359	4.70	30	
trans-1,2-Dichloroethene		20.0	19.6	ug/L	0.476	2.10	30	
1,3-Dichlorobenzene		20.0	20.2	ug/L	1.87	1.00	30	
1,4-Dichlorobenzene		20.0	19.8	ug/L	1.88	0.800	30	
2-Butanone		20.0	20.3	ug/L	0.0570	1.50	30	
2-Hexanone		20.0	19.7	ug/L	0.0711	1.60	30	
4-Methyl-2-Pentanone		20.0	20.8	ug/L	0.0632	4.10	30	
Acetone		20.0	21.8	ug/L	0.0415	8.80	30	
Benzene		20.0	20.7	ug/L	1.27	3.30	30	
Bromodichloromethane		20.0	20.7	ug/L	0.427	3.60	30	
Bromomethane		20.0	18.8	ug/L	0.192	5.80	30	
Carbon Disulfide		20.0	22.3	ug/L	0.991	11.4	30	
Carbon Tetrachloride		20.0	20.8	ug/L	0.458	3.80	30	
Chloroethane		20.0	18.9	ug/L	0.235	5.30	30	
cis-1,3-Dichloropropene		20.0	20.6	ug/L	0.469	2.90	30	
Cyclohexane		20.0	22.3	ug/L	0.559	11.5	30	
Dibromochloromethane		20.0	20.4	ug/L	0.356	2.00	30	
Dichlorodifluoromethane		20.0	15.6	ug/L	0.348	21.8	30	
Isopropylbenzene		20.0	20.1	ug/L	1.89	0.400	30	
Methyl acetate		20.0	20.9	ug/L	0.105	4.50	30	
Methyl Tert Butyl Ether		20.0	22.0	ug/L	0.636	10.1	30	
Methylcyclohexane		20.0	20.7	ug/L	0.494	3.60	30	
Methylene Chloride		20.0	19.2	ug/L	0.325	4.10	30	

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KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00085845

Login Number: L0706285 Run Date: 05/06/2007 Sample ID: WG239619-12

Instrument ID: HPMS8 Run Time: 20:28 Method: 8260B

File ID: 8M336173 Analyst: CMS

ICal Workgroup: WG239619 Cal ID: HPMS8 - 06-MAY-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Styrene		20.0	22.0	ug/L	1.38	9.90	30	
Tetrachloroethene		20.0	20.7	ug/L	0.388	3.40	30	
trans-1,3-Dichloropropene		20.0	19.3	ug/L	0.466	3.40	30	
Trichloroethene		20.0	19.8	ug/L	0.367	1.20	30	
Trichlorofluoromethane		20.0	18.0	ug/L	0.539	10.0	30	
Xylenes		60.0	63.8	ug/L	0.837	6.30	30	
m-,p-Xylene		40.0	42.6	ug/L	0.841	6.50	30	
1,2-Dichloroethene		40.0	40.5	ug/L	0.418	1.30	30	
o-Xylene		20.0	21.2	ug/L	0.834	5.90	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 795156
Report generated 06/25/2007 13:54

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV) 00085846

Login Number: L0706285 Run Date: 06/19/2007 Sample ID: WG242928-02
Instrument ID: HPMS10 Run Time: 09:46 Method: 8260B
File ID: 10M56243 Analyst: MES
Workgroup (AAB#): WG242929 Cal ID: HPMS10 - 17-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	50.0	46.9	ug/L	0.259	6.17	20	
1,2-Dichloropropane	CCC	50.0	49.8	ug/L	0.261	0.446	20	
Chloroform	CCC	50.0	49.5	ug/L	0.552	0.992	20	
Ethylbenzene	CCC	50.0	49.8	ug/L	0.512	0.462	20	
Toluene	CCC	50.0	48.6	ug/L	1.35	2.73	20	
Vinyl Chloride	CCC	50.0	54.2	ug/L	0.206	8.32	20	
1,1,2,2-Tetrachloroethane	SPCC	50.0	48.3	ug/L	0.401	3.46	40	
1,1-Dichloroethane	SPCC	50.0	49.6	ug/L	0.529	0.891	40	
Bromoform	SPCC	50.0	45.7	ug/L	0.196	8.53	40	
Chlorobenzene	SPCC	50.0	48.7	ug/L	0.964	2.61	40	
Chloromethane	SPCC	50.0	48.1	ug/L	0.238	3.81	40	
1,1,1-Trichloroethane		50.0	51.7	ug/L	0.524	3.50	40	
1,1,2-Trichloro-1,2,2-Trifluoroethane		50.0	48.0	ug/L	0.289	3.96	40	
1,1,2-Trichloroethane		50.0	50.4	ug/L	0.220	0.750	40	
1,2,4-Trichlorobenzene		50.0	43.1	ug/L	0.830	13.7	40	
1,2-Dibromo-3-Chloropropane		50.0	38.7	ug/L	0.0716	22.7	40	
1,2-Dibromoethane		50.0	50.7	ug/L	0.246	1.35	40	
1,2-Dichlorobenzene		50.0	47.1	ug/L	1.29	5.88	40	
1,2-Dichloroethane		50.0	51.1	ug/L	0.387	2.22	40	
cis-1,2-Dichloroethene		50.0	49.0	ug/L	0.306	1.91	40	
trans-1,2-Dichloroethene		50.0	49.1	ug/L	0.291	1.75	40	
1,3-Dichlorobenzene		50.0	48.0	ug/L	1.48	4.06	40	
1,4-Dichlorobenzene		50.0	46.5	ug/L	1.48	6.96	40	
2-Butanone		50.0	42.7	ug/L	0.0517	14.7	40	
2-Hexanone		50.0	48.1	ug/L	0.0981	3.76	40	
4-Methyl-2-Pentanone		50.0	45.8	ug/L	0.0490	8.38	40	
Acetone		50.0	42.3	ug/L	0.0362	15.4	40	
Benzene		50.0	47.1	ug/L	1.04	5.89	40	
Bromodichloromethane		50.0	52.6	ug/L	0.391	5.24	40	
Bromomethane		50.0	48.5	ug/L	0.201	3.06	40	
Carbon Disulfide		50.0	43.9	ug/L	0.756	12.3	40	
Carbon Tetrachloride		50.0	47.2	ug/L	0.497	5.69	40	
Chloroethane		50.0	48.4	ug/L	0.184	3.25	40	
cis-1,3-Dichloropropene		50.0	52.1	ug/L	0.424	4.19	40	
Cyclohexane		50.0	47.5	ug/L	0.461	5.03	40	
Dibromochloromethane		50.0	46.3	ug/L	0.345	7.32	40	
Dichlorodifluoromethane		50.0	49.0	ug/L	0.345	1.94	40	
Isopropylbenzene		50.0	51.7	ug/L	1.54	3.33	40	
Methyl acetate		50.0	51.0	ug/L	0.120	1.99	40	
Methyl Tert Butyl Ether		50.0	46.9	ug/L	0.558	6.13	40	
Methylcyclohexane		50.0	46.1	ug/L	0.424	7.86	40	
Methylene Chloride		50.0	44.1	ug/L	0.262	11.9	40	

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CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number: L0706285 Run Date: 06/19/2007 Sample ID: WG242928-02
Instrument ID: HPMS10 Run Time: 09:46 Method: 8260B
File ID: 10M56243 Analyst: MES
Workgroup (AAB#): WG242929 Cal ID: HPMS10 - 17-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Styrene		50.0	45.2	ug/L	0.994	9.64	40	
Tetrachloroethene		50.0	49.3	ug/L	0.325	1.39	40	
trans-1,3-Dichloropropene		50.0	53.9	ug/L	0.459	7.79	40	
Trichloroethene		50.0	49.0	ug/L	0.336	2.06	40	
Trichlorofluoromethane		50.0	47.3	ug/L	0.572	5.45	40	
Xylenes		150	150	ug/L	0.612	0.0169	40	
m-,p-Xylene		100	99.7	ug/L	0.621	0.282	40	
1,2-Dichloroethene		100	98.2	ug/L	0.298	1.83	40	
o-Xylene		50.0	50.3	ug/L	0.604	0.513	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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Version 1.3 PDF File ID: 795158
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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085848

Login Number: L0706285 Run Date: 06/19/2007 Sample ID: WG242965-02
Instrument ID: HPMS6 Run Time: 12:02 Method: 8260B
File ID: 6M66835 Analyst: CMS
Workgroup (AAB#): WG242966 Cal ID: HPMS6 - 08-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	50.0	51.7	ug/L	0.500	3.31	20	
1,2-Dichloropropane	CCC	50.0	47.1	ug/L	0.243	5.84	20	
Chloroform	CCC	50.0	52.5	ug/L	0.508	4.99	20	
Ethylbenzene	CCC	50.0	46.2	ug/L	0.480	7.62	20	
Toluene	CCC	50.0	45.7	ug/L	1.20	8.53	20	
Vinyl Chloride	CCC	50.0	59.9	ug/L	0.242	19.9	20	
1,1,2,2-Tetrachloroethane	SPCC	50.0	45.4	ug/L	0.328	9.25	40	
1,1-Dichloroethane	SPCC	50.0	49.8	ug/L	0.521	0.379	40	
Bromoform	SPCC	50.0	48.4	ug/L	0.161	3.17	40	
Chlorobenzene	SPCC	50.0	45.2	ug/L	0.846	9.57	40	
Chloromethane	SPCC	50.0	53.1	ug/L	0.354	6.15	40	
1,1,1-Trichloroethane		50.0	58.5	ug/L	0.485	17.0	40	
1,1,2-Trichloro-1,2,2-Trifluoroethane		50.0	51.4	ug/L	0.252	2.71	40	
1,1,2-Trichloroethane		50.0	44.6	ug/L	0.176	10.8	40	
1,2,4-Trichlorobenzene		50.0	45.3	ug/L	0.754	9.41	40	
1,2-Dibromo-3-Chloropropane		50.0	49.9	ug/L	0.0745	0.225	40	
1,2-Dibromoethane		50.0	47.5	ug/L	0.202	5.07	40	
1,2-Dichlorobenzene		50.0	45.9	ug/L	1.14	8.14	40	
1,2-Dichloroethane		50.0	53.1	ug/L	0.376	6.22	40	
cis-1,2-Dichloroethene		50.0	48.2	ug/L	0.256	3.70	40	
trans-1,2-Dichloroethene		50.0	48.5	ug/L	0.245	2.92	40	
1,3-Dichlorobenzene		50.0	46.9	ug/L	1.29	6.30	40	
1,4-Dichlorobenzene		50.0	45.0	ug/L	1.31	10.0	40	
2-Butanone		50.0	51.7	ug/L	0.0737	3.32	40	
2-Hexanone		50.0	48.1	ug/L	0.132	3.77	40	
4-Methyl-2-Pentanone		50.0	49.4	ug/L	0.0541	1.26	40	
Acetone		50.0	57.8	ug/L	0.0565	15.6	40	
Benzene		50.0	47.0	ug/L	0.923	6.09	40	
Bromodichloromethane		50.0	55.8	ug/L	0.362	11.6	40	
Bromomethane		50.0	47.0	ug/L	0.178	5.95	40	
Carbon Disulfide		50.0	51.5	ug/L	0.782	2.97	40	
Carbon Tetrachloride		50.0	63.3	ug/L	0.440	26.6	40	
Chloroethane		50.0	43.1	ug/L	0.191	13.9	40	
cis-1,3-Dichloropropene		50.0	51.6	ug/L	0.380	3.22	40	
Cyclohexane		50.0	54.5	ug/L	0.511	9.09	40	
Dibromochloromethane		50.0	48.2	ug/L	0.278	3.66	40	
Dichlorodifluoromethane		50.0	45.1	ug/L	0.321	9.75	40	
Isopropylbenzene		50.0	48.9	ug/L	1.52	2.10	40	
Methyl acetate		50.0	53.8	ug/L	0.156	7.52	40	
Methyl Tert Butyl Ether		50.0	53.2	ug/L	0.526	6.40	40	
Methylcyclohexane		50.0	53.6	ug/L	0.359	7.25	40	
Methylene Chloride		50.0	42.4	ug/L	0.240	15.2	40	

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KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085849

Login Number: L0706285 Run Date: 06/19/2007 Sample ID: WG242965-02
Instrument ID: HPMS6 Run Time: 12:02 Method: 8260B
File ID: 6M66835 Analyst: CMS
Workgroup (AAB#): WG242966 Cal ID: HPMS6 - 08-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Styrene		50.0	47.3	ug/L	0.999	5.37	40	
Tetrachloroethene		50.0	48.1	ug/L	0.319	3.88	40	
trans-1,3-Dichloropropene		50.0	48.6	ug/L	0.412	2.85	40	
Trichloroethene		50.0	50.6	ug/L	0.262	1.28	40	
Trichlorofluoromethane		50.0	55.9	ug/L	0.571	11.8	40	
Xylenes		150	138	ug/L	0.600	7.97	40	
m-,p-Xylene		100	92.1	ug/L	0.612	7.92	40	
1,2-Dichloroethene		100	96.7	ug/L	0.250	3.31	40	
o-Xylene		50.0	46.0	ug/L	0.588	8.06	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 795158
Report generated 06/25/2007 13:54

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085850

Login Number: L0706285 Run Date: 06/18/2007 Sample ID: WG242807-02
Instrument ID: HPMS8 Run Time: 08:17 Method: 8260B
File ID: 8M337305 Analyst: CMS
Workgroup (AAB#): WG242808 Cal ID: HPMS8 - 06-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloroethene	CCC	50.0	52.9	ug/L	0.539	5.80	20	
1,2-Dichloropropane	CCC	50.0	55.6	ug/L	0.341	11.1	20	
Chloroform	CCC	50.0	52.2	ug/L	0.606	4.39	20	
Ethylbenzene	CCC	50.0	53.9	ug/L	0.680	7.86	20	
Toluene	CCC	50.0	49.6	ug/L	1.75	0.784	20	
Vinyl Chloride	CCC	50.0	49.1	ug/L	0.178	1.89	20	
1,1,2,2-Tetrachloroethane	SPCC	50.0	50.1	ug/L	0.448	0.214	40	
1,1-Dichloroethane	SPCC	50.0	53.0	ug/L	0.629	6.06	40	
Bromoform	SPCC	50.0	47.3	ug/L	0.227	5.33	40	
Chlorobenzene	SPCC	50.0	51.9	ug/L	1.22	3.77	40	
Chloromethane	SPCC	50.0	44.5	ug/L	0.219	11.0	40	
1,1,1-Trichloroethane		50.0	54.8	ug/L	0.576	9.62	40	
1,1,2-Trichloro-1,2,2-Trifluoroethane		50.0	54.9	ug/L	0.336	9.76	40	
1,1,2-Trichloroethane		50.0	51.7	ug/L	0.266	3.46	40	
1,2,4-Trichlorobenzene		50.0	44.1	ug/L	0.989	11.7	40	
1,2-Dibromo-3-Chloropropane		50.0	41.0	ug/L	0.0732	18.0	40	
1,2-Dibromoethane		50.0	50.5	ug/L	0.272	0.957	40	
1,2-Dichlorobenzene		50.0	48.4	ug/L	1.59	3.12	40	
1,2-Dichloroethane		50.0	48.8	ug/L	0.388	2.41	40	
cis-1,2-Dichloroethene		50.0	54.3	ug/L	0.373	8.57	40	
trans-1,2-Dichloroethene		50.0	53.0	ug/L	0.515	5.98	40	
1,3-Dichlorobenzene		50.0	49.8	ug/L	1.85	0.479	40	
1,4-Dichlorobenzene		50.0	48.7	ug/L	1.85	2.54	40	
2-Butanone		50.0	49.3	ug/L	0.0553	1.45	40	
2-Hexanone		50.0	48.8	ug/L	0.0704	2.49	40	
4-Methyl-2-Pentanone		50.0	52.1	ug/L	0.0631	4.11	40	
Acetone		50.0	57.7	ug/L	0.0440	15.4	40	
Benzene		50.0	53.0	ug/L	1.30	6.09	40	
Bromodichloromethane		50.0	53.3	ug/L	0.439	6.63	40	
Bromomethane		50.0	64.1	ug/L	0.262	28.2	40	
Carbon Disulfide		50.0	56.0	ug/L	0.996	12.0	40	
Carbon Tetrachloride		50.0	59.4	ug/L	0.523	18.7	40	
Chloroethane		50.0	54.9	ug/L	0.272	9.79	40	
cis-1,3-Dichloropropene		50.0	55.5	ug/L	0.506	11.0	40	
Cyclohexane		50.0	58.1	ug/L	0.583	16.2	40	
Dibromochloromethane		50.0	54.4	ug/L	0.379	8.78	40	
Dichlorodifluoromethane		50.0	45.9	ug/L	0.409	8.17	40	
Isopropylbenzene		50.0	53.5	ug/L	2.01	6.99	40	
Methyl acetate		50.0	59.3	ug/L	0.119	18.7	40	
Methyl Tert Butyl Ether		50.0	49.6	ug/L	0.573	0.787	40	
Methylcyclohexane		50.0	54.5	ug/L	0.519	8.93	40	
Methylene Chloride		50.0	47.9	ug/L	0.324	4.30	40	

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 795158
Report generated 06/25/2007 13:54

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085851

Login Number: L0706285 Run Date: 06/18/2007 Sample ID: WG242807-02
Instrument ID: HPMS8 Run Time: 08:17 Method: 8260B
File ID: 8M337305 Analyst: CMS
Workgroup (AAB#): WG242808 Cal ID: HPMS8 - 06-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Styrene		50.0	54.1	ug/L	1.36	8.25	40	
Tetrachloroethene		50.0	54.9	ug/L	0.412	9.72	40	
trans-1,3-Dichloropropene		50.0	52.8	ug/L	0.510	5.68	40	
Trichloroethene		50.0	53.4	ug/L	0.398	6.87	40	
Trichlorofluoromethane		50.0	53.0	ug/L	0.635	6.05	40	
Xylenes		150	159	ug/L	0.835	5.77	40	
1,2-Dichloroethene		100	107	ug/L	0.444	7.28	40	
o-Xylene		50.0	53.2	ug/L	0.837	6.32	40	
m-,p-Xylene		100	105	ug/L	0.834	5.49	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 795158
Report generated 06/25/2007 13:54

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number: L0706285
Instrument ID: HPMS8
Workgroup (AAB#): WG242808

CCV Number: WG242807-02
CAL ID: HPMS8-06-MAY-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242807-02	NA	NA	350877	563910	674523
Upper Limit	NA	NA	701754	1127820	1349046
Lower Limit	NA	NA	175439	281955	337262
L0706285-01	1.00	01	197437	332800	412405
L0706285-02	1.00	01	195163	329300	418655
WG242808-01	1.00	01	316717	508161	609619
WG242808-02	1.00	01	322894	525929	622631
WG242808-03	1.00	01	320826	522239	620143

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795159
Report generated 06/25/2007 13:57

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number: L0706285
Instrument ID: HPMS10
Workgroup (AAB#): WG242929

CCV Number: WG242928-02
CAL ID: HPMS10-17-MAY-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242928-02	NA	NA	270001	514896	628259
Upper Limit	NA	NA	540002	1029792	1256518
Lower Limit	NA	NA	135001	257448	314130
L0706285-03	1.00	01	202973	403299	493099
L0706285-04	1.00	01	206095	405064	491812
WG242929-01	1.00	01	238858	469427	578435
WG242929-02	1.00	01	242991	475011	577246
WG242929-03	1.00	01	247811	486759	585362
WG242929-04	1.00	01	178506	351254	428424

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795159
Report generated 06/25/2007 13:57

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number: L0706285
Instrument ID: HPMS6
Workgroup (AAB#): WG242966

CCV Number: WG242965-02
CAL ID: HPMS6-08-MAY-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242965-02	NA	NA	378785	621143	745673
Upper Limit	NA	NA	757570	1242286	1491346
Lower Limit	NA	NA	189393	310572	372837
L0706285-01	100	DL01	234112	400511	501991
L0706285-02	100	DL01	225262	390802	482505
WG242966-01	1.00	01	329987	534582	661476
WG242966-02	1.00	01	348011	558499	670416
WG242966-03	1.00	01	344322	563366	680943
WG242966-04	1.00	01	233100	405001	488898

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795159
Report generated 06/25/2007 13:57

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number: L0706285
Instrument ID: HPMS8
Workgroup (AAB#): WG242808

CCV Number: WG242807-02
CAL ID: HPMS8-06-MAY-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242807-02	NA	NA	17.8	14.78	10.91
Upper Limit	NA	NA	18.3	15.28	11.41
Lower Limit	NA	NA	17.3	14.28	10.41
L0706285-01	1.00	01	17.8	14.78	10.91
L0706285-02	1.00	01	17.8	14.78	10.91
WG242808-01	1.00	01	17.8	14.78	10.91
WG242808-02	1.00	01	17.8	14.78	10.91
WG242808-03	1.00	01	17.8	14.78	10.91

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795161
Report generated 06/25/2007 13:57

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number: L0706285 **CCV Number:** WG242928-02
Instrument ID: HPMS10 **CAL ID:** HPMS10-17-MAY-07
Workgroup (AAB#): WG242929 **Matrix:** WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242928-02	NA	NA	17.75	14.73	10.86
Upper Limit	NA	NA	18.25	15.23	11.36
Lower Limit	NA	NA	17.25	14.23	10.36
L0706285-03	1.00	01	17.75	14.73	10.85
L0706285-04	1.00	01	17.75	14.73	10.86
WG242929-01	1.00	01	17.75	14.74	10.86
WG242929-02	1.00	01	17.75	14.73	10.86
WG242929-03	1.00	01	17.75	14.73	10.86
WG242929-04	1.00	01	17.74	14.74	10.86

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795161
Report generated 06/25/2007 13:57

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number:L0706285 CCV Number:WG242965-02
Instrument ID:HPMS6 CAL ID: HPMS6-08-MAY-07
Workgroup (AAB#):WG242966 Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG242965-02	NA	NA	19.34	15.78	11.29
Upper Limit	NA	NA	19.84	16.28	11.79
Lower Limit	NA	NA	18.84	15.28	10.79
L0706285-01	100	DL01	19.34	15.78	11.29
L0706285-02	100	DL01	19.34	15.78	11.29
WG242966-01	1.00	01	19.34	15.78	11.29
WG242966-02	1.00	01	19.34	15.78	11.29
WG242966-03	1.00	01	19.34	15.78	11.29
WG242966-04	1.00	01	19.34	15.78	11.29

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 795161
Report generated 06/25/2007 13:57

2.1.2 RSK 175

2.1.2.1 Summary Data

LABORATORY REPORT

00085860

L0706285

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW13	L0706285-01	RSK175	10	13-JUN-07
16WW13	L0706285-01	RSK175	100	13-JUN-07
16WW13-FD	L0706285-02	RSK175	10	13-JUN-07
16WW13-FD	L0706285-02	RSK175	100	13-JUN-07
16WW29	L0706285-03	RSK175	10	13-JUN-07
16WW29	L0706285-03	RSK175	50	13-JUN-07
16WW30	L0706285-04	RSK175	10	13-JUN-07
16WW30	L0706285-04	RSK175	50	13-JUN-07

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085861

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242838**
Collect Date: **06/12/2007 08:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **10**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/18/2007 14:20**
Cal Date: **01/08/2007 16:52**
Run Date: **06/18/2007 14:20**
File ID: **16G7647**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**110**		**5.0**	**2.5**
Ethene	**74-85-1**		**U**	**5.0**	**2.5**
Ethane	**74-84-0**		**U**	**5.0**	**2.5**
Carbon Dioxide		**220000**	**I**	**5000**	**2500**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085862

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG243224**
Collect Date: **06/12/2007 08:40**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **100**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/22/2007 10:23**
Cal Date: **01/08/2007 16:52**
Run Date: **06/22/2007 10:23**
File ID: **16G7752**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**110**		**50**	**25**
Ethene	**74-85-1**		**U**	**50**	**25**
Ethane	**74-84-0**		**U**	**50**	**25**
Carbon Dioxide		**270000**		**50000**	**25000**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085863

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242838**
Collect Date: **06/12/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **10**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/18/2007 14:34**
Cal Date: **01/08/2007 16:52**
Run Date: **06/18/2007 14:34**
File ID: **16G7648**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**130**		**5.0**	**2.5**
Ethene	**74-85-1**		**U**	**5.0**	**2.5**
Ethane	**74-84-0**		**U**	**5.0**	**2.5**
Carbon Dioxide		**240000**	**I**	**5000**	**2500**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085864

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG243224**
Collect Date: **06/12/2007 09:00**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **100**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/22/2007 10:37**
Cal Date: **01/08/2007 16:52**
Run Date: **06/22/2007 10:37**
File ID: **16G7753**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**130**		**50**	**25**
Ethene	**74-85-1**		**U**	**50**	**25**
Ethane	**74-84-0**		**U**	**50**	**25**
Carbon Dioxide		**310000**		**50000**	**25000**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085865

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG242838**
Collect Date: **06/12/2007 10:47**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **10**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/18/2007 14:48**
Cal Date: **01/08/2007 16:52**
Run Date: **06/18/2007 14:48**
File ID: **16G7649**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**61**		**5.0**	**2.5**
Ethene	**74-85-1**		**U**	**5.0**	**2.5**
Ethane	**74-84-0**		**U**	**5.0**	**2.5**
Carbon Dioxide		**120000**	**I**	**5000**	**2500**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085866

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG243224**
Collect Date: **06/12/2007 10:47**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **50**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/22/2007 10:51**
Cal Date: **01/08/2007 16:52**
Run Date: **06/22/2007 10:51**
File ID: **16G7754**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**69**		**25**	**13**
Ethene	**74-85-1**		**U**	**25**	**13**
Ethane	**74-84-0**		**U**	**25**	**13**
Carbon Dioxide		**150000**		**25000**	**13000**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085867

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG242838**
Collect Date: **06/12/2007 12:10**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **10**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/18/2007 15:02**
Cal Date: **01/08/2007 16:52**
Run Date: **06/18/2007 15:02**
File ID: **16G7650**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**17**		**5.0**	**2.5**
Ethene	**74-85-1**		**U**	**5.0**	**2.5**
Ethane	**74-84-0**		**U**	**5.0**	**2.5**
Carbon Dioxide		**110000**	**I**	**5000**	**2500**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085868

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG243224**
Collect Date: **06/12/2007 12:10**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5021**
Analytical Method: **RSK175**
Analyst: **FJB**
Dilution: **50**
Units: **ug/L**

Instrument: **HP16**
Prep Date: **06/22/2007 11:05**
Cal Date: **01/08/2007 16:52**
Run Date: **06/22/2007 11:05**
File ID: **16G7755**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Methane	**74-82-8**	**31**		**25**	**13**
Ethene	**74-85-1**		**U**	**25**	**13**
Ethane	**74-84-0**		**U**	**25**	**13**
Carbon Dioxide		**68000**		**25000**	**13000**

U Not detected at or above adjusted sample detection limit

2.1.2.2 QC Summary Data

KEMRON Environmental Services
Data Checklist

Date: 08-JAN-2007
Analyst: JLS
Analyst: NA
Method: RSK175
Instrument: HP16
Curve Workgroup: NA
Runlog ID: 14130
Analytical Workgroups: WG231016

System Performance Check	NA
BFB	NA
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	NA
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	NA
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Excel Spreadsheets	X
Case Narrative	X
Narrative Summary	NA
Results Reporting/Data Qualifiers	X
Client Data Package Assembly	X
Check for Completeness	X
Primary Reviewer	FJB
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:
11-JAN-2007

Secondary Reviewer:
12-JAN-2007

Generated: JAN-16-2007 10:45:32

KEMRON Environmental Services
Data Checklist

Date: 18-JUN-2007
Analyst: FJB
Analyst: NA
Method: RSK175
Instrument: HP16
Curve Workgroup: NA
Runlog ID: 16749
Analytical Workgroups: WG242838,WG242896

System Performance Check	NA
BFB	NA
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	NA
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	NA
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Excel Spreadsheets	X
Case Narrative	X
Narrative Summary	NA
Results Reporting/Data Qualifiers	X
Client Data Package Assembly	X
Check for Completeness	X
Primary Reviewer	JLS
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:
20-JUN-2007

Secondary Reviewer:
21-JUN-2007

Generated: JUN-21-2007 10:27:17

KEMRON Environmental Services
Data Checklist

Date: 22-JUN-2007
Analyst: FJB
Analyst: NA
Method: RSK175
Instrument: HP16
Curve Workgroup: NA
Runlog ID: 16802
Analytical Workgroups: WG243224

System Performance Check	NA
BFB	NA
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	NA
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	NA
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	X
Manual Integrations	NA
Excel Spreadsheets	X
Case Narrative	X
Narrative Summary	NA
Results Reporting/Data Qualifiers	X
Client Data Package Assembly	X
Check for Completeness	X
Primary Reviewer	SMH
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:
22-JUN-2007

Secondary Reviewer:
25-JUN-2007

Generated: JUN-25-2007 09:41:25

RSK-175 - Example Calculation for Methane

ICAL Plot - Linear Regression (y = ax)

1.0 Calculate the Regression Constant (a)

Where:
ICAL_x = the ICAL concentration = x
ICAL_r = the ICAL response (area) = y

ICAL_x	ICAL_r	[ICAL_r}^2	[ICAL-x][ICAL-r]
0.1	21538	463885444	2153.8
1	77578	6018346084	77578
10	665937	4.43472E+11	6659370
20	1376031	1.89346E+12	27520620
50	3424931	1.17302E+13	171246550
100	6927945	4.79964E+13	692794500
200	14533928	2.11235E+14	2906785600
300	21776507	4.74216E+14	6532952100
		7.47521E+14	10338038472
		a:	**72307.84758**

2.0 Calculate the concentration in extract, x:

Where:
y = response of methane from quant report = **37493410**
x = y/a = 37493410/72307 = 518.52

3.0 Calculate the concentration in sample, Cs:

Cs = x (MW/Tf) (HS/S) (DF)

Where:

x = Concentration in extract	**518.5247695**	umol/mol
MW = molecular weight of analyte	**16.04**	ug/umol
TF = temperature factor = (22.45)(313/273)	**25.68**	L/mol
HS = headspace volume	**0.015**	L
S = sample volume remaining after headspace removal	**0.00547**	L
DF = dilution factor	**10**	
Cs = calculated sample concentration	**8881.427692**	ug/L

RSK-175 - Example Calculation for Carbon Dioxide

ICAL Plot - Quadratic Regression (y = Ax^2 + Bx +C)

Ax^2 + Bx + (C - y) = 0

Step 1 - Calculate the concentration in extract, x:

Data from quadratic regression plot:		
Value of A from plot:	**0.916**	
Value of B from plot:	**1540**	
Value of C from plot:	**0**	
Response for carbon dioxide from quantitation report (y):	**8763828**	
Value of C - y	**-8763828**	
Solving for x using the quadratic formula:		
Root 1 - Computed x1:	**2364.716284**	umol/mol
Root 2 - Computed x2:	**-4045.938991**	

Step 2 - Calculate the concentration in sample, Cs:

Cs = x (MW/Tf) (HS/S) (DF)

Where:

x = Concentration in extract :	**2364.716284**	umol/mol
MW = molecular weight of analyte:	**44**	ug/umol
TF = temperature factor = (22.45)(313/273):	**25.68**	L/mol
HS = initial headspace volume (extraction log):	**0.015**	L
S = final volume (extraction log):	**0.00547**	L
DF = dilution factor:	**1**	
Cs = calculated sample concentration:	**11110.6798**	ug/L

Note: Temperature = 40 C = 313 K

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 010807
Analyst1: JLS Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7
Method: 5021 SOP: RSK01 Rev: 7

Maintenance Log ID: 17380

Internal Standard: NA Surrogate Standard: NA
CCV: STD15381 LCS: STD15381 MS/MSD: STD15381

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG231016

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	16G5766	WG231016-01 50umol/mol STD	NA	1	1	STD15381	01/08/07 10:36
2	16G5767	WG231016-01 50umol/mol STD	NA	1	1	STD15381	01/08/07 11:00
3	16G5768	WG231016-01 50umol/mol STD	NA	1	1	STD15381	01/08/07 12:39
4	16G5769	WG231016-01 50umol/mol STD	NA	1	1	STD15381	01/08/07 14:19
5	16G5770	WG231016-01 .1umol/mol STD	NA	1	1	STD15381	01/08/07 15:14
6	16G5771	WG231016-02 1umol/mol STD	NA	1	1	STD15381	01/08/07 15:28
7	16G5772	WG231016-03 10umol/mol STD	NA	1	1	STD15381	01/08/07 15:42
8	16G5773	WG231016-04 20umol/mol STD	NA	1	1	STD15381	01/08/07 15:56
9	16G5774	WG231016-05 50umol/mol STD	NA	1	1	STD15381	01/08/07 16:10
10	16G5775	WG231016-06 100umol/mol STD	NA	1	1	STD15381	01/08/07 16:24
11	16G5776	WG231016-07 200umol/mol STD	NA	1	1	STD15381	01/08/07 16:38
12	16G5777	WG231016-08 300umol/mol STD	NA	1	1	STD15381	01/08/07 16:52
13	16G5778	WG231016-09 20umol/mol ALT SOURCE	NA	1	1	STD15381	01/08/07 17:06

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4				
File ID: 16G5769				
	RUN NEW CURVE			

Approved: January 12, 2007

Page: 1 of 1

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061807
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19648

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242838,WG242896

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	16G7627	WG242837-01 50umol/mol STD	NA	1	1	STD18652	06/18/07 09:28
2	16G7628	WG242838-01 BLANK	NA	1	1		06/18/07 09:45
3	16G7629	WG242838-02 20umol/mol LCS	NA	1	1	STD18652	06/18/07 09:59
4	16G7630	WG242838-03 20umol/mol LCS DUP	NA	1	1	STD18652	06/18/07 10:13
5	16G7631	L0706104-02 B 50X	7	1	50		06/18/07 10:35
6	16G7632	L0706104-03 B 50X	7	1	50		06/18/07 10:49
7	16G7633	L0706104-04 B 50X	7	1	50		06/18/07 11:03
8	16G7634	L0706104-05 B 100X	7	1	100		06/18/07 11:17
9	16G7635	L0706104-06 B 100X	7	1	100		06/18/07 11:31
10	16G7636	L0706104-08 B 50X	7	1	50		06/18/07 11:45
11	16G7637	L0706104-09 B 50X	7	1	50		06/18/07 11:59
12	16G7638	WG242837-02 50umol/mol STD	NA	1	1	STD18652	06/18/07 12:14
13	16G7639	L0706104-11 B 50X	7	1	50		06/18/07 12:28
14	16G7640	L0706104-12 B 50X	7	1	50		06/18/07 12:42
15	16G7641	L0706104-13 B 50X	7	1	50		06/18/07 12:56
16	16G7642	L0706260-01 B 100X	7	1	100		06/18/07 13:10
17	16G7643	L0706260-02 B 100X	7	1	100		06/18/07 13:24
18	16G7644	L0706260-03 B 100X	7	1	100		06/18/07 13:38
19	16G7645	WG242837-03 50umol/mol STD	NA	1	1	STD18652	06/18/07 13:52
20	16G7646	L0706260-04 A 10X	7	1	10		06/18/07 14:06
21	16G7647	L0706285-01 A 10X	7	1	10		06/18/07 14:20
22	16G7648	L0706285-02 A 10X	7	1	10		06/18/07 14:34
23	16G7649	L0706285-03 A 10X	7	1	10		06/18/07 14:48
24	16G7650	L0706285-04 A 10X	7	1	10		06/18/07 15:02
25	16G7651	L0706151-01 A 10X	7	1	10		06/18/07 15:16
26	16G7652	L0706151-02 A 10X	7	1	10		06/18/07 15:30
27	16G7653	WG242837-04 50umol/mol STD	NA	1	1	STD18652	06/18/07 15:44
52	16G7654	WG242896-01 BLANK	NA	1	1		06/18/07 16:05
28	16G7655	WG242896-02 20umol/mol LCS	NA	1	1	STD18652	06/18/07 16:19
29	16G7656	L0706151-03 A 10X	7	1	10		06/18/07 16:40
30	16G7657	L0706151-04 A 10X	7	1	10		06/18/07 16:54
31	16G7658	L0706151-05 A 10X	7	1	10		06/18/07 17:08
32	16G7659	L0706151-06 A 10X	3	1	10		06/18/07 17:22
33	16G7660	L0706151-07 A 10X	7	1	10		06/18/07 17:36

Approved: June 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061807
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19648

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242838,WG242896

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
34	16G7661	L0706151-08 A 10X	7	1	10		06/18/07 17:50
35	16G7662	L0706151-09 A 10X	7	1	10		06/18/07 18:04
36	16G7663	L0706151-10 A 10X	7	1	10		06/18/07 18:18
37	16G7664	WG242837-05 50umol/mol STD	NA	1	1	STD18652	06/18/07 18:32
38	16G7665	L0706151-11 A 10X MS	7	1	10	STD18652	06/18/07 18:46
39	16G7666	L0706151-12 A 10X MSD	7	1	10	STD18652	06/18/07 19:00
40	16G7667	L0706151-13 A 10X	4	1	10		06/18/07 19:14
41	16G7668	L0706151-14 A 10X	7	1	10		06/18/07 19:28
42	16G7669	L0706151-15 A 10X	7	1	10		06/18/07 19:43
43	16G7670	L0706151-16 A 10X	7	1	10		06/18/07 19:57
44	16G7671	L0706151-18 A 10X	7	1	10		06/18/07 20:11
45	16G7672	L0706201-02 A 10X	7	1	10		06/18/07 20:25
46	16G7673	L0706201-03 B 10X	7	1	10		06/18/07 20:39
47	16G7674	L0706201-04 A 10X	7	1	10		06/18/07 20:53
48	16G7675	WG242837-06 50umol/mol STD	NA	1	1	STD18652	06/18/07 21:07
49	16G7676	L0706201-05 A 10X MS	7	1	10	STD18652	06/18/07 21:21
50	16G7677	L0706201-06 A 10X MSD	7	1	10	STD18652	06/18/07 21:35
51	16G7678	WG242837-07 50umol/mol STD	NA	1	1	STD18652	06/18/07 21:49

Comments

Seq.	Rerun	Dil.	Reason	Analytes
20	X	100	Over Calibration Range	CO2
File ID: 16G7646				
21	X	100	Over Calibration Range	CO2
File ID: 16G7647				
22	X	100	Over Calibration Range	CO2
File ID: 16G7648				
23	X	50	Over Calibration Range	CO2
File ID: 16G7649				
24	X	50	Over Calibration Range	CO2
File ID: 16G7650				

Approved: June 21, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061807
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19648

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242838,WG242896

Comments

Seq.	Rerun	Dil.	Reason	Analytes
25	X	50	Over Calibration Range	CO2
File ID: 16G7651				
26	X	50	Over Calibration Range	CO2
File ID: 16G7652				
29	X	50	Over Calibration Range	CO2
File ID: 16G7656				
30	X	100	Over Calibration Range	CO2
File ID: 16G7657				
32	X	100	Over Calibration Range	CO2
File ID: 16G7659				
8260 AND RSK VIALS WERE INADVERTENTLY SWAPPED. TSR NOTIFIED.				
33	X	50	Over Calibration Range	CO2
File ID: 16G7660				
34	X	50	Over Calibration Range	CO2
File ID: 16G7661				
35	X	50	Over Calibration Range	CO2
File ID: 16G7662				
36	X	100	Over Calibration Range	CO2
File ID: 16G7663				
38	X		Check Standard Failure	
File ID: 16G7665				
39	X		Check Standard Failure	
File ID: 16G7666				
40	X	100	Check Standard Failure	

Approved: June 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 061807
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19648

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: RTQPLOT
Workgroups: WG242838,WG242896

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 16G7667				
8260 AND RSK VIALS WERE INADVERTENTLY SWAPPED. TSR NOTIFIED.				
41	X	100	Check Standard Failure	
File ID: 16G7668				
42	X	50	Check Standard Failure	
File ID: 16G7669				
43	X	20	Check Standard Failure	
File ID: 16G7670				
44	X	50	Check Standard Failure	
File ID: 16G7671				
45	X	100	Check Standard Failure	
File ID: 16G7672				
46	X	100	Check Standard Failure	
File ID: 16G7673				
47	X	50	Check Standard Failure	
File ID: 16G7674				
48	X		Check Standard Failure	
File ID: 16G7675				
CO2 FAILS				
49	X	50	Check Standard Failure	
File ID: 16G7676				
50	X	50	Check Standard Failure	
File ID: 16G7677				
51	X		Check Standard Failure	
File ID: 16G7678				
CO2 FAILS				

Approved: June 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HP16 Dataset: 062207
Analyst1: FJB Analyst2: NA
Method: RSK175 SOP: RSK01 Rev: 7

Maintenance Log ID: 19687

Internal Standard: NA Surrogate Standard: NA
CCV: STD18652 LCS: STD18652 MS/MSD: NA

Column 1 ID: RTQPLOT Column 2 ID: NA
Workgroups: WG243224

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	16G7747	WG243223-01 50umol/mol STD	NA	1	1	STD18652	06/22/07 08:50
2	16G7748	WG243224-01 BLANK	NA	1	1		06/22/07 09:06
3	16G7749	WG243224-02 20umol/mol LCS	NA	1	1	STD18652	06/22/07 09:20
4	16G7750	WG243224-03 20umol/mol LCS DUP	NA	1	1	STD18652	06/22/07 09:35
5	16G7751	L0706260-04 C 100X	7	1	100		06/22/07 10:09
6	16G7752	L0706285-01 C 100X	7	1	100		06/22/07 10:23
7	16G7753	L0706285-02 C 100X	7	1	100		06/22/07 10:37
8	16G7754	L0706285-03 C 50X	7	1	50		06/22/07 10:51
9	16G7755	L0706285-04 C 50X	7	1	50		06/22/07 11:05
10	16G7756	WG243223-02 50umol/mol STD	NA	1	1	STD18652	06/22/07 11:19
11	16G7757	L0706447-03 B 100X	7	1	100		06/22/07 11:33
12	16G7758	L0706447-06 B 100X	7	1	100		06/22/07 11:47
13	16G7759	L0706447-08 B 500X	7	1	500		06/22/07 12:01
14	16G7760	L0706447-09 B 10X	7	1	10		06/22/07 12:15
15	16G7761	L0706447-10 B 100X	7	1	100		06/22/07 12:29
16	16G7762	L0706255-06 B 10X	7	1	10		06/22/07 12:43
17	16G7763	WG243223-03 50umol/mol STD	NA	1	1	STD18652	06/22/07 12:57
18	16G7764	L0706447-08 C 100X	7	1	100		06/22/07 13:58
19	16G7765	WG243223-04 50umol/mol STD	NA	1	1	STD18652	06/22/07 14:12

Comments

Seq.	Rerun	Dil.	Reason	Analytes
13	X	100	Analyzed too dilute	
File ID: 16G7759				

Approved: June 25, 2007

Page: 1

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: RSK175 **AAB#:** WG243224
Login Number: L0706285

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
16WW13-FD	06/12/07	06/13/07	06/22/07	14	10.1	06/22/07	14	10.1	
16WW30	06/12/07	06/13/07	06/22/07	14	9.95	06/22/07	14	9.95	
16WW13	06/12/07	06/13/07	06/22/07	14	10.1	06/22/07	14	10.1	
16WW29	06/12/07	06/13/07	06/22/07	14	10.0	06/22/07	14	10.0	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**
***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 800477
Report generated 06/25/2007 13:33

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: RSK175 **AAB#:** WG242838

Login Number: L0706285

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
16WW13	06/12/07	06/13/07	06/18/07	14	6.24	06/18/07	14	6.24	
16WW30	06/12/07	06/13/07	06/18/07	14	6.12	06/18/07	14	6.12	
16WW13-FD	06/12/07	06/13/07	06/18/07	14	6.23	06/18/07	14	6.23	
16WW29	06/12/07	06/13/07	06/18/07	14	6.17	06/18/07	14	6.17	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**

***ANAL = SEE PROJECT QAPP REQUIREMENTS**

METHOD BLANK SUMMARY

Login Number: L0706285
Work Group: WG242838
Blank File ID: 16G7628
Blank Sample ID: WG242838-01
Prep Date: 06/18/07 09:45
Instrument ID: HP16
Analyzed Date: 06/18/07 09:45
Method: RSK175
Analyst: FJB

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242838-02	16G7629	06/18/07 09:59	01
LCS2	WG242838-03	16G7630	06/18/07 10:13	01
16WW13	L0706285-01	16G7647	06/18/07 14:20	DL01
16WW13-FD	L0706285-02	16G7648	06/18/07 14:34	DL01
16WW29	L0706285-03	16G7649	06/18/07 14:48	DL01
16WW30	L0706285-04	16G7650	06/18/07 15:02	DL01

KEMRON FORMS - Modified 01/31/2007
Version 1.5 PDF File ID: 796799
Report generated 06/25/2007 13:33

METHOD BLANK SUMMARY

Login Number: L0706285
Work Group: WG243224
Blank File ID: 16G7748
Blank Sample ID: WG243224-01
Prep Date: 06/22/07 09:06
Instrument ID: HP16
Analyzed Date: 06/22/07 09:06
Method: RSK175
Analyst: FJB

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG243224-02	16G7749	06/22/07 09:20	01
LCS2	WG243224-03	16G7750	06/22/07 09:35	01
16WW13	L0706285-01	16G7752	06/22/07 10:23	DL02
16WW13-FD	L0706285-02	16G7753	06/22/07 10:37	DL02
16WW29	L0706285-03	16G7754	06/22/07 10:51	DL02
16WW30	L0706285-04	16G7755	06/22/07 11:05	DL02

METHOD BLANK REPORT

Login Number: L0706285 Prep Date: 06/18/07 09:45 Sample ID: WG242838-01
Instrument ID: HP16 Run Date: 06/18/07 09:45 Prep Method: 5021
File ID: 16G7628 Analyst: FJB Method: RSK175
Workgroup (AAB#): WG242838 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HP16-08-JAN-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Methane	0.250	0.50	0.250	1	U
Ethene	0.250	0.50	0.250	1	U
Ethane	0.250	0.50	0.250	1	U
Carbon Dioxide	250	500	250	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 796800
Report generated 06/25/2007 13:33

Login Number: L0706285 Prep Date: 06/22/07 09:06 Sample ID: WG243224-01
Instrument ID: HP16 Run Date: 06/22/07 09:06 Prep Method: 5021
File ID: 16G7748 Analyst: FJB Method: RSK175
Workgroup (AAB#): WG243224 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HP16-08-JAN-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Methane	0.250	0.50	0.250	1	U
Ethene	0.250	0.50	0.250	1	U
Ethane	0.250	0.50	0.250	1	U
Carbon Dioxide	250	500	250	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 796800
Report generated 06/25/2007 13:33

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706285 Analyst: FJB Prep Method: 5021
Instrument ID: HP16 Matrix: Water Method: RSK175
Workgroup (AAB#): WG242838 Units: ug/L
Sample ID: WG242838-02 LCS File ID: 16G7629 Run Date: 06/18/2007 09:59
Sample ID: WG242838-03 LCS2 File ID: 16G7630 Run Date: 06/18/2007 10:13

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Methane	34.3	29.9	87.3	34.3	29.4	85.8	1.72	56 - 140	40	
Ethene	59.9	53.0	88.4	59.9	50.9	85.0	3.91	56 - 140	40	
Ethane	64.2	55.8	86.9	64.2	55.0	85.8	1.31	56 - 137	40	
Carbon Dioxide	1410	1500	106	1410	1360	96.6	9.41	50 - 150	40	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 796801
Report generated 06/25/2007 13:33

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706285 Analyst: FJB Prep Method: 5021
Instrument ID: HP16 Matrix: Water Method: RSK175
Workgroup (AAB#): WG243224 Units: ug/L
Sample ID: WG243224-02 LCS File ID: 16G7749 Run Date: 06/22/2007 09:20
Sample ID: WG243224-03 LCS2 File ID: 16G7750 Run Date: 06/22/2007 09:35

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Methane	34.3	33.8	98.7	34.3	33.4	97.5	1.30	56 - 140	40	
Ethene	59.9	59.1	98.6	59.9	58.9	98.3	0.376	56 - 140	40	
Ethane	64.2	64.1	99.8	64.2	62.8	97.9	1.93	56 - 137	40	
Carbon Dioxide	1410	1800	128	1410	1530	109	16.2	50 - 150	40	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 796801
Report generated 06/25/2007 13:33

INITIAL CALIBRATION SUMMARY

Login Number: L0706285 **Instrument ID:** HP16
Analytical Method: RSK175 **Initial Calibration Date:** 08-JAN-07 16:52
ICAL Workgroup: WG231016 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
carbon dioxide		3063	21.6		0.999
ethane		157300	15.9	0.999	
ethene		156800	21.1	0.999	
methane		111400	70.0	0.999	

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

Login Number: L0706285
Analytical Method: RSK175
Instrument ID: HP16
Initial Calibration Date: 08-JAN-07 16:52
Column ID: F

Analyte	WG231016-01			WG231016-02			WG231016-03		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
carbon dioxide	50.0	193826.000	3877	100	354261.000	3543	200	527788.000	2639
ethane	0.100	21151.0000	211500	1.00	156994.000	157000	10.0	1466086.00	146600
ethene	0.100	23051.0000	230500	1.00	150346.000	150300	10.0	1436526.00	143700
methane	0.100	28696.0000	287000	1.00	102622.000	102600	10.0	785304.000	78530

Login Number: L0706285
Analytical Method: RSK175
Instrument ID: HP16
Initial Calibration Date: 08-JAN-07 16:52
Column ID: F

Analyte	WG231016-04			WG231016-06			WG231016-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
carbon dioxide	300	722371.000	2408	500	1155791.00	2312	1000	2874182.00	2874
ethane	20.0	2721136.00	136100	100	14910718.0	149100	200	28920601.0	144600
ethene	20.0	2678018.00	133900	100	14417593.0	144200	200	28265113.0	141300
methane	20.0	1459030.00	72950	100	7868122.00	78680	200	15414754.0	77070

INITIAL CALIBRATION DATA

Login Number: L0706285
Analytical Method: RSK175
Instrument ID: HP16
Initial Calibration Date: 08-JAN-07 16:52
Column ID: F

Analyte	WG231016-08		
	CONC	RESP	RF
carbon dioxide	2000	7581941.00	3791
ethane	300	46954497.0	156500
ethene	300	46020766.0	153400
methane	300	24903631.0	83010

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00085893

Login Number: L0706285 Run Date: 01/08/2007 Sample ID: WG231016-09

Instrument ID: HP16 Run Time: 17:06 Method: RSK175

File ID: 16G5778 Analyst: JLS

ICal Workgroup: WG231016 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
methane		34.3	31.5	ug/L	74300	8.10	30	
ethene		59.9	53.8	ug/L	134000	10.1	30	
ethane		64.2	57.7	ug/L	137000	10.0	30	
carbon dioxide		1410	741	ug/L	1180	47.4	60	

* Exceeds %D Limit

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 800479
Report generated 06/25/2007 13:34

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085894

Login Number: L0706285 Run Date: 06/18/2007 Sample ID: WG242837-01
Instrument ID: HP16 Run Time: 09:28 Method: RSK175
File ID: 16G7627 Analyst: FJB
Workgroup (AAB#): WG242838 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	75.6	ug/L	71400	11.8	25	
ethene		150	132	ug/L	132000	11.7	25	
ethane		160	143	ug/L	135000	11.2	25	
carbon dioxide		1880	2270	ug/L	3020	20.5	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800480
Report generated 06/25/2007 13:34

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085895

Login Number: L0706285 Run Date: 06/18/2007 Sample ID: WG242837-02
Instrument ID: HP16 Run Time: 12:14 Method: RSK175
File ID: 16G7638 Analyst: FJB
Workgroup (AAB#): WG242838 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	86.3	ug/L	81500	0.753	25	
ethene		150	154	ug/L	153000	2.66	25	
ethane		160	163	ug/L	155000	1.55	25	
carbon dioxide		1880	1500	ug/L	1890	20.2	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800480
Report generated 06/25/2007 13:34

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085896

Login Number: L0706285 Run Date: 06/18/2007 Sample ID: WG242837-03
Instrument ID: HP16 Run Time: 13:52 Method: RSK175
File ID: 16G7645 Analyst: EJB
Workgroup (AAB#): WG242838 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	84.1	ug/L	79400	1.76	25	
ethene		150	147	ug/L	146000	1.91	25	
ethane		160	159	ug/L	151000	0.787	25	
carbon dioxide		1880	850	ug/L	1020	54.8	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800480
Report generated 06/25/2007 13:34

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085897

Login Number: L0706285 Run Date: 06/18/2007 Sample ID: WG242837-04
Instrument ID: HP16 Run Time: 15:44 Method: RSK175
File ID: 16G7653 Analyst: FJB
Workgroup (AAB#): WG242838 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	79.7	ug/L	75300	6.95	25	
ethene		150	138	ug/L	138000	7.70	25	
ethane		160	149	ug/L	141000	7.29	25	
carbon dioxide		1880	928	ug/L	1120	50.6	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800480
Report generated 06/25/2007 13:34

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085898

Login Number: L0706285 Run Date: 06/22/2007 Sample ID: WG243223-01
Instrument ID: HP16 Run Time: 08:50 Method: RSK175
File ID: 16G7747 Analyst: FJB
Workgroup (AAB#): WG243224 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	82.8	ug/L	78200	3.27	25	
ethene		150	148	ug/L	147000	1.15	25	
ethane		160	156	ug/L	148000	2.64	25	
carbon dioxide		1880	1780	ug/L	2300	5.10	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800480
Report generated 06/25/2007 13:34

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085899

Login Number: L0706285 Run Date: 06/22/2007 Sample ID: WG243223-02
Instrument ID: HP16 Run Time: 11:19 Method: RSK175
File ID: 16G7756 Analyst: FJB
Workgroup (AAB#): WG243224 Cal ID: HP16 - 08-JAN-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
methane		85.6	84.6	ug/L	79900	1.26	25	
ethene		150	152	ug/L	152000	1.76	25	
ethane		160	161	ug/L	152000	0.0796	25	
carbon dioxide		1880	1860	ug/L	2410	1.18	60	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 800480
Report generated 06/25/2007 13:34

2.2 General Chemistry Data

2.2.1 Method 9056

2.2.1.1 Summary Data

LABORATORY REPORT

00085903

L0706285

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW13	L0706285-01	300.0	10	13-JUN-07
16WW13	L0706285-01	300.0	60	13-JUN-07
16WW13-FD	L0706285-02	300.0	10	13-JUN-07
16WW13-FD	L0706285-02	300.0	60	13-JUN-07
16WW29	L0706285-03	300.0	10	13-JUN-07
16WW29	L0706285-03	300.0	40	13-JUN-07
16WW30	L0706285-04	300.0	2	13-JUN-07
16WW30	L0706285-04	300.0	60	13-JUN-07

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085904

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242818**
Collect Date: **06/12/2007 08:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **10**
Units: **mg/L**

Instrument: **IC2**
Prep Date: **06/13/2007 12:59**
Cal Date: **03/24/2007 11:20**
Run Date: **06/13/2007 12:59**
File ID: **I2061307.21**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**198**	**I**	**2.00**	**1.00**
Nitrate	**14797-55-8**		**U**	**6.00**	**1.00**
Nitrite	**14797-65-0**		**U**	**4.00**	**1.00**
Sulfate	**14808-79-8**	**2990**	**I**	**10.0**	**5.00**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085905

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242818**
Collect Date: **06/12/2007 08:40**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **60**
Units: **mg/L**

Instrument: **IC2**
Prep Date: **06/13/2007 15:53**
Cal Date: **03/24/2007 11:20**
Run Date: **06/13/2007 15:53**
File ID: **I2061307.31**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**200**		**12.0**	**6.00**
Nitrate	**14797-55-8**		**U**	**36.0**	**6.00**
Nitrite	**14797-65-0**		**U**	**24.0**	**6.00**
Sulfate	**14808-79-8**	**3380**		**60.0**	**30.0**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085906

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242818**
Collect Date: **06/12/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **10**
Units: **mg/L**

Instrument: **IC2**
Prep Date: **06/13/2007 13:17**
Cal Date: **03/24/2007 11:20**
Run Date: **06/13/2007 13:17**
File ID: **I2061307.22**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**171**	**I**	**2.00**	**1.00**
Nitrate	**14797-55-8**		**U**	**6.00**	**1.00**
Nitrite	**14797-65-0**		**U**	**4.00**	**1.00**
Sulfate	**14808-79-8**	**2590**	**I**	**10.0**	**5.00**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085907

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242818**
Collect Date: **06/12/2007 09:00**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **60**
Units: **mg/L**

Instrument: **IC2**
Prep Date: **06/13/2007 16:11**
Cal Date: **03/24/2007 11:20**
Run Date: **06/13/2007 16:11**
File ID: **I2061307.32**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**172**		**12.0**	**6.00**
Nitrate	**14797-55-8**		**U**	**36.0**	**6.00**
Nitrite	**14797-65-0**		**U**	**24.0**	**6.00**
Sulfate	**14808-79-8**	**2860**		**60.0**	**30.0**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085908

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG242818**
Collect Date: **06/12/2007 10:47**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **10**
Units: **mg/L**

Instrument: **IC2**
Prep Date: **06/13/2007 14:09**
Cal Date: **03/24/2007 11:20**
Run Date: **06/13/2007 14:09**
File ID: **I2061307.25**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**224**	**I**	**2.00**	**1.00**
Nitrate	**14797-55-8**		**U**	**6.00**	**1.00**
Nitrite	**14797-65-0**		**U**	**4.00**	**1.00**
Sulfate	**14808-79-8**	**716**	**I**	**10.0**	**5.00**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085909

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG242818**
Collect Date: **06/12/2007 10:47**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **40**
Units: **mg/L**

Instrument: **IC2**
Prep Date: **06/13/2007 16:28**
Cal Date: **03/24/2007 11:20**
Run Date: **06/13/2007 16:28**
File ID: **I2061307.33**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**221**		**8.00**	**4.00**
Nitrate	**14797-55-8**		**U**	**24.0**	**4.00**
Nitrite	**14797-65-0**		**U**	**16.0**	**4.00**
Sulfate	**14808-79-8**	**677**		**40.0**	**20.0**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085910

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG242818**
Collect Date: **06/12/2007 12:10**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **2**
Units: **mg/L**

Instrument: **IC2**
Prep Date: **06/13/2007 14:26**
Cal Date: **03/24/2007 11:20**
Run Date: **06/13/2007 14:26**
File ID: **I2061307.26**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**397**	**I**	**0.400**	**0.200**
Nitrate	**14797-55-8**		**U**	**1.20**	**0.200**
Nitrite	**14797-65-0**		**U**	**0.800**	**0.200**
Sulfate	**14808-79-8**	**33.0**		**2.00**	**1.00**

U Not detected at or above adjusted sample detection limit
I Semiquantitative result (out of instrument calibration range)

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085911

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG242818**
Collect Date: **06/12/2007 12:10**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **300.0**
Analytical Method: **300.0**
Analyst: **DSF**
Dilution: **60**
Units: **mg/L**

Instrument: **IC2**
Prep Date: **06/13/2007 16:46**
Cal Date: **03/24/2007 11:20**
Run Date: **06/13/2007 16:46**
File ID: **I2061307.34**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Chloride	**16887-00-6**	**427**		**12.0**	**6.00**
Nitrate	**14797-55-8**		**U**	**36.0**	**6.00**
Nitrite	**14797-65-0**		**U**	**24.0**	**6.00**
Sulfate	**14808-79-8**	**30.4**	**J**	**60.0**	**30.0**

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

2.2.1.2 QC Summary Data

The concentrations (ppm) of the calibration standards and the resulting area counts are used to determine the equation of a linear or quadratic plot.
The slope and y-intercept of that line are used to calculate the quantity of the analyzed unkown samples.
Amount(ppm) = [(slope)(area count of unknown) + y-intercept](dilution)
(The slope is the amt/area also identified as the CF or calibration factor)

KEMRON Environmental Services

Instrument Run Log

Instrument: IC2 Dataset: 032407 CURVE IC2.SEQ

Analyst1: JWR Analyst2: NA

Method: 9056/300 SOP: IC1 Rev: 7

Maintenance Log ID: 18409

Column 1 ID: AS14A-4MM Column 2 ID: NA

Workgroups: WG236271

Internal STD: NA Surrogate STD: NA Calibration STD STD17414

Comments: Method 300/9056 Calibration Curve and Alt. Source were analyzed only.

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	I2032407.01	WG236271-01 STD \#1	1	1		03/24/07 09:36
2	I2032407.02	WG236271-02 STD \#1.5	1	1		03/24/07 09:53
3	I2032407.03	WG236271-03 STD \#2	1	1		03/24/07 10:11
4	I2032407.04	WG236271-04 STD \#3	1	1		03/24/07 10:28
5	I2032407.05	WG236271-05 STD \#4	1	1		03/24/07 10:46
6	I2032407.06	WG236271-06 STD \#5	1	1		03/24/07 11:03
7	I2032407.07	WG236271-07 STD \#6	1	1		03/24/07 11:20
8	I2032407.08	WG236271-08 ALT STD	1	1		03/24/07 11:38
9	I2032407.09	ELUENT	1	1		03/24/07 11:55
10	I2032407.10	DI WATER	1	1		03/24/07 12:13

Comments

Seq.	Rerun	Dil.	Reason	Analytes

Page: 1 of 1 Approved: 27-MAR-07

KEMRON Environmental Services

Instrument Run Log

Instrument: IC2 Dataset: 061307 IC2.SEQ
Analyst1: DSF Analyst2: NA
Method: 9056/300 SOP: IC1 Rev: 7

Maintenance Log ID: 19607

Column 1 ID: AS14A-4MM Column 2 ID: NA
Workgroups: WG242818
Internal STD: NA Surrogate STD: NA Calibration STD STD17414

Comments: L0706278-01 was analyzed for Flouride and Nitrate only.
L0706278 samples were analyzed for F, Cl and NO3.
L0706285 samples were analyzed for Cl, NO2, NO3 and SO4.

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	I2061307.09	ELUENT	1	1		06/13/07 07:45
2	I2061307.10	DI WATER	1	1		06/13/07 08:02
3	I2061307.11	WG242819-01 ANION CCV	1	1		06/13/07 08:19
4	I2061307.12	WG242819-02 ANION CCB	1	1		06/13/07 08:37
5	I2061307.13	WG242818-01 ANION BLANK	1	1		06/13/07 08:54
6	I2061307.14	WG242818-02 ANION LCS	1	1		06/13/07 09:12
7	I2061307.15	L0706278-01 (F, NO3 Only)	1	1		06/13/07 09:29
8	I2061307.16	L0706278-05 (F, Cl, NO3) REF	1	1		06/13/07 09:47
9	I2061307.17	L0706278-07 (F, Cl, NO3)	1	1		06/13/07 10:04
10	I2061307.18	L0706278-09 (F, Cl, NO3)	1	1		06/13/07 10:21
11	I2061307.19	L0706278-07 RR Cl 1/10	1	10		06/13/07 10:39
12	I2061307.20	L0706278-09 RR Cl 1/10	1	10		06/13/07 10:56
13	I2061307.21	L0706285-01 (Cl, NO2, NO3, SO4) 1/10	1	10		06/13/07 12:59
14	I2061307.22	L0706285-02 (Cl, NO2, NO3, SO4) 1/10	1	10		06/13/07 13:17
15	I2061307.23	WG242819-03 ANION CCV	1	1		06/13/07 13:34
16	I2061307.24	WG242819-04 ANION CCB	1	1		06/13/07 13:51
17	I2061307.25	L0706285-03 (Cl, NO2, NO3, SO4) 1/10	1	10		06/13/07 14:09
18	I2061307.26	L0706285-04 (Cl, NO2, NO3, SO4) 1/2	1	2		06/13/07 14:26
19	I2061307.27	DI WATER (Column Rinse) (NR)	1	1		06/13/07 14:44
20	I2061307.28	WG242818-04 DUP 278-05	1	1		06/13/07 15:01
21	I2061307.29	WG242818-05 MS 278-05	1	1		06/13/07 15:19
22	I2061307.30	WG242818-06 MSD 278-05	1	1		06/13/07 15:36
23	I2061307.31	L0706285-01 RR Cl, SO4 1/60	1	60		06/13/07 15:53
24	I2061307.32	L0706285-02 RR Cl, SO4 1/60	1	60		06/13/07 16:11
25	I2061307.33	L0706285-03 RR Cl, SO4 1/40	1	40		06/13/07 16:28
26	I2061307.34	L0706285-04 RR Cl 1/60	1	60		06/13/07 16:46
27	I2061307.35	WG242819-05 ANION CCV	1	1		06/13/07 17:03
28	I2061307.36	WG242819-06 ANION CCB	1	1		06/13/07 17:20

Comments

Seq.	Rerun	Dil.	Reason	Analytes
9	X	10	Over Calibration Range	Chloride
	Sample re-ran at a dilution due to chloride being over its calibration range.			
10	X	10	Over Calibration Range	Chloride
	Sample re-ran at a dilution due to chloride being over its calibration range.			

Approved: 20-JUN-07

KEMRON Environmental Services

Instrument Run Log

Instrument: IC2 Dataset: 061307 IC2.SEQ

Analyst1: DSF Analyst2: NA

Method: 9056/300 SOP: IC1 Rev: 7

Maintenance Log ID: 19607

Column 1 ID: AS14A-4MM Column 2 ID: NA

Workgroups: WG242818

Internal STD: NA Surrogate STD: NA STD17414

Comments

Seq.	Rerun	Dil.	Reason	Analytes
13	X	60	Over Calibration Range	Chloride, Sulfate
	Sample ran at a dilution only because pre-run screen results for chloride and sulfate were high. Sample re-ran at a further dilution due to chloride and sulfate being over their calibration ranges.			
14	X	60	Over Calibration Range	Chloride, Sulfate
	Sample analyzed at a dilution only because pre-run screen results for chloride and sulfate were high. Sample re-ran at a further dilution due to chloride and sulfate being over their calibration ranges.			
17	X	40	Over Calibration Range	Chloride, Sulfate
	Sample analyzed at a dilution only becuse pre-run screen results for chloride and sulfate were high. Sample re-ran at a further dilution due to chloride and sulfate being over their calibration ranges.			
18	X	60	Over Calibration Range	Chloride
	Sample analyzed at a dilution only because pre-run screen results for chloride and sulfate were high. Sample re-ran at a further dilution due to chloride being over its calibration range.			

Page: 2 Approved: 20-JUN-07

KEMRON Environmental Services
Data Checklist

Date: 24-MAR-2007
Analyst: JWR
Analyst: NA
Method: 300/9056
Instrument: IC2
Curve Workgroup: WG236271
Runlog ID: 15285
Analytical Workgroups: NA

System Performance Check	
Eluent check	X
Initial Calibration	X
Average RF	
Linear Reg or Higher Order Curve	03/24/07
Alt Source Check	03/24/07
Continuing Calibration	
Continuing Calibration	
Client Specific Requirements	
Blanks	
Quant Report / Chromatogram	X
Spike Compounds	
MS/MSD	
Excel Spreadsheet	
Samples	
TCL Hits	X
Manual Integrations	X
Data Package	
Level 2	
Level 3	
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	NA
Check the resonableness of the results	X
Comments:	
Method 300/9056 Calibration Curve and Alt. Source were analyzed on this day.	
ASRS ULTRA II Suppressor was installed on this IC on 03/23/07.	

Primary Reviewer:
24-MAR-2007
John Richards

Secondary Reviewer:
27-MAR-2007
Michael Cochran

Generated: MAR-27-2007 14:57:19

KEMRON Environmental Services
Data Checklist

Date: 13-JUN-2007
Analyst: DSF
Analyst: NA
Method: 300/9056
Instrument: IC2
Curve Workgroup: NA
Runlog ID: 16707
Analytical Workgroups: L0706278, L0706285

ANALYTICAL	
System Performance Check	X
DFTPP (MS)	NA
Endrin/DDT breakdown (8081/MS)	NA
Pentachlorophenol/benzidine tailing (MS)	NA
Eluent check (IC)/system pressure (HPLC)	X
Window standard (FID)	NA
Initial Calibration	NA
Average RF	NA
Linear regression or higher order curve	NA
Alternate source standard (ICV) % Difference	NA
Continuing Calibration (CCV)	X
% D/% Drift	X
Minimum response factors (MS)	NA
Continuing calibration blank (CCB) (IC)	X
Special standards	NA
Blanks	X
TCL hits	NA
Surrogate recoveries	NA
LCS/LCSD (Laboratory Control Sample)	X
Recoveries	X
Surrogate recoveries	NA
MS/MSD/Sample duplicates	X
Recoveries	X
%RPD	X
Samples	X
TCL hits	X
Mass spectra (MS/HPLC)/2nd column confirmations (ECD/FID/HPLC)	NA
Surrogate recoveries	NA
Internal standard areas (MS)	NA
Library searches (MS)	NA
Calculations & correct factors	X
Compounds above calibration range	X
Reruns	X
Manual integrations	NA
Project/client specific requirements	X
REPORTING	
Upload batch form	X
KOBRA workgroup data/forms/bench sheets	X
Case narratives	X
Check for completeness	X
Primary Reviewer	DSF
SUPERVISORY/SECONDARY REVIEW	
Check for compliance with method and project specific requirements	X
Check the completeness/accuracy of reported information	X
Data qualifiers	X
Secondary Reviewer	ECL

Primary Reviewer:
18-JUN-2007
Debra S. Frederick

Secondary Reviewer:
20-JUN-2007
Eric C. Zimmerman

Generated: JUN-20-2007 11:36:14

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 300.0 **AAB#:** WG242818

Login Number: L0706285

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
16WW13-FD	06/12/07	06/13/07	06/13/07	2	1.18	06/13/07	2	1.18	
16WW13	06/12/07	06/13/07	06/13/07	2	1.18	06/13/07	2	1.18	
16WW29	06/12/07	06/13/07	06/13/07	2	1.24	06/13/07	2	1.24	
16WW30	06/12/07	06/13/07	06/13/07	2	1.09	06/13/07	2	1.09	
16WW30	06/12/07	06/13/07	06/13/07	2	1.19	06/13/07	2	1.19	
16WW29	06/12/07	06/13/07	06/13/07	2	1.14	06/13/07	2	1.14	
16WW13-FD	06/12/07	06/13/07	06/13/07	2	1.30	06/13/07	2	1.30	
16WW13	06/12/07	06/13/07	06/13/07	2	1.30	06/13/07	2	1.30	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**

***ANAL = SEE PROJECT QAPP REQUIREMENTS**

METHOD BLANK SUMMARY

Login Number: L0706285
Work Group: WG242818
Blank File ID: I2061307.13
Blank Sample ID: WG242818-01
Prep Date: 06/13/07 08:54
Instrument ID: IC2
Analyzed Date: 06/13/07 08:54
Method: 300.0
Analyst: DSF

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242818-02	I2061307.14	06/13/07 09:12	01
16WW13	L0706285-01	I2061307.21	06/13/07 12:59	DL01
16WW13-FD	L0706285-02	I2061307.22	06/13/07 13:17	DL01
16WW29	L0706285-03	I2061307.25	06/13/07 14:09	DL01
16WW30	L0706285-04	I2061307.26	06/13/07 14:26	DL01
DUP	WG242818-04	I2061307.28	06/13/07 15:01	01
16WW13	L0706285-01	I2061307.31	06/13/07 15:53	DL02
16WW13-FD	L0706285-02	I2061307.32	06/13/07 16:11	DL02
16WW29	L0706285-03	I2061307.33	06/13/07 16:28	DL02
16WW30	L0706285-04	I2061307.34	06/13/07 16:46	DL02

METHOD BLANK REPORT

Login Number: L0706285 Prep Date: 06/13/07 08:54 Sample ID: WG242818-01
Instrument ID: IC2 Run Date: 06/13/07 08:54 Prep Method: 300.0
File ID: I2061307.13 Analyst: DSF Method: 300.0
Workgroup (AAB#): WG242818 Matrix: Water Units: mg/L
Contract #: DACA56-94-D-0020 Cal ID: IC2-24-MAR-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Chloride	0.100	0.200	0.100	1	U
Nitrate	0.100	0.600	0.100	1	U
Nitrite	0.100	0.400	0.100	1	U
Sulfate	0.500	1.00	0.500	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 794293
Report generated 06/20/2007 11:55

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706285 Run Date: 06/13/2007 Sample ID: WG242818-02
Instrument ID: IC2 Run Time: 09:12 Prep Method: 300.0
File ID: I2061307.14 Analyst: DSF Method: 300.0
Workgroup (AAB#): WG242818 Matrix: Water Units: mg/L
Contract #: DACA56-94-D-0020 Cal ID: IC2-24-MAR-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Chloride	6.00	5.88	97.9	90 - 110	
Nitrate	4.07	4.07	100	90 - 110	
Nitrite	3.65	3.61	98.8	90 - 110	
Sulfate	30.0	30.7	102	90 - 110	

KEMRON FORMS - Modified 12/15/2006
Version 1.5 PDF File ID: 794294
Report generated 06/20/2007 11:55

Login Number: L0706285 **Instrument ID:** IC2
Analytical Method: 300.0 **Initial Calibration Date:** 24-MAR-07 11:20
ICAL Workgroup: WG236271 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
Chloride		9.558	8.39		
Nitrate		3.934	6.21		
Nitrite		4.410	5.98		
Sulfate		12.39	5.81		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum
This method always uses quadratic calibration model (R^2)

Login Number: L0706285
Analytical Method: 300.0
Instrument ID: IC2
Initial Calibration Date: 24-MAR-07 11:20
Column ID: F

Analyte	WG236271-01			WG236271-02			WG236271-03		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloride	0.200	0.0190000000	10.53	1.00	0.0970000000	10.31	2.00	0.194000000	10.31
Nitrate	0.136	0.0310000000	4.371	0.678	0.166000000	4.083	1.36	0.336000000	4.034
Nitrite	0.122	0.0250000000	4.872	0.609	0.132000000	4.613	1.22	0.272000000	4.477
Sulfate	1.00	0.0750000000	13.33	5.00	0.384000000	13.02	10.0	0.781000000	12.80

INITIAL CALIBRATION DATA

Login Number: L0706285
Analytical Method: 300.0
Instrument ID: IC2
Initial Calibration Date: 24-MAR-07 11:20
Column ID: F

Analyte	WG236271-04			WG236271-05			WG236271-06		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloride	4.00	0.433000000	9.238	6.00	0.654000000	9.174	8.00	0.931000000	8.593
Nitrate	2.71	0.699000000	3.878	4.07	1.07900000	3.768	5.42	1.43000000	3.791
Nitrite	2.44	0.559000000	4.357	3.65	0.854000000	4.278	4.87	1.15800000	4.207
Sulfate	20.0	1.61500000	12.38	30.0	2.50300000	11.99	40.0	3.37800000	11.84

Login Number: L0706285
Analytical Method: 300.0
Instrument ID: IC2
Initial Calibration Date: 24-MAR-07 11:20
Column ID: F

Analyte	WG236271-07		
	CONC	RESP	RF
Chloride	12.0	1.37000000	8.759
Nitrate	8.13	2.25100000	3.613
Nitrite	7.31	1.79600000	4.068
Sulfate	60.0	5.29600000	11.33

KEMRON FORMS - Modified 10/13/2006
Version 1.6 PDF File ID: 796632
Report generated 06/20/2007 11:55

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00085927

Login Number: L0706285 Run Date: 03/24/2007 Sample ID: WG236271-08

Instrument ID: IC2 Run Time: 11:38 Method: 300.0

File ID: I2032407.08 Analyst: JWR

ICal Workgroup: WG236271 Cal ID: IC2 - 24-MAR-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloride		6.00	5.91	mg/L	9.12	1.50	10	
Nitrate		4.07	4.11	mg/L	3.78	1.10	10	
Nitrite		3.65	3.66	mg/L	4.27	0.300	10	
Sulfate		30.0	30.2	mg/L	12.0	0.600	10	

* Exceeds %D Limit

KEMRON FORMS - Modified 03/21/2007 - (ALT)
Version 1.5 PDF File ID: 796633
Report generated 06/20/2007 11:55

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00085928

Login Number: L0706285 Run Date: 06/13/2007 Sample ID: WG242819-02
Instrument ID: IC2 Run Time: 08:37 Method: 300.0
File ID: I2061307.12 Analyst: DSF Units: mg/L
Workgroup (AAB#): WG242818 Cal ID: IC2 -

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Chloride	0.100	0.200	0		U
Nitrate	0.100	0.600	0		U
Nitrite	0.100	0.400	0		U
Sulfate	0.500	1.00	0		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: 794296
Report generated 06/20/2007 11:55

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00085929

Login Number: L0706285 Run Date: 06/13/2007 Sample ID: WG242819-04
Instrument ID: IC2 Run Time: 13:51 Method: 300.0
File ID: I2061307.24 Analyst: DSF Units: mg/L
Workgroup (AAB#): WG242818 Cal ID: IC2 -

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Chloride	0.100	0.200	0		U
Nitrate	0.100	0.600	0		U
Nitrite	0.100	0.400	0		U
Sulfate	0.500	1.00	0		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: 794296
Report generated 06/20/2007 11:55

KEMRON Environmental Services

CONTINUING CALIBRATION BLANK (CCB)

00085930

Login Number: L0706285 Run Date: 06/13/2007 Sample ID: WG242819-06
Instrument ID: IC2 Run Time: 17:20 Method: 300.0
File ID: I2061307.36 Analyst: DSF Units: mg/L
Workgroup (AAB#): WG242818 Cal ID: IC2 -

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Chloride	0.100	0.200	0		U
Nitrate	0.100	0.600	0		U
Nitrite	0.100	0.400	0		U
Sulfate	0.500	1.00	0		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: 794296
Report generated 06/20/2007 11:55

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085931

Login Number: L0706285 Run Date: 06/13/2007 Sample ID: WG242819-01
Instrument ID: IC2 Run Time: 08:19 Method: 300.0
File ID: I2061307.11 Analyst: DSF
Workgroup (AAB#): WG242818 Cal ID: IC2 - 24-MAR-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloride		6.00	5.87	mg/L	9.19	2.25	10	
Nitrate		4.07	4.08	mg/L	3.80	0.438	10	
Nitrite		3.65	3.79	mg/L	4.12	3.68	10	
Sulfate		30.0	30.6	mg/L	11.8	1.96	10	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 794295
Report generated 06/20/2007 11:55

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085932

Login Number: L0706285 Run Date: 06/13/2007 Sample ID: WG242819-03
Instrument ID: IC2 Run Time: 13:34 Method: 300.0
File ID: I2061307.23 Analyst: DSF
Workgroup (AAB#): WG242818 Cal ID: IC2 - 24-MAR-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloride		6.00	6.11	mg/L	8.81	1.83	10	
Nitrate		4.07	4.07	mg/L	3.81	0.0935	10	
Nitrite		3.65	3.90	mg/L	3.99	6.75	10	
Sulfate		30.0	30.6	mg/L	11.8	2.12	10	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 794295
Report generated 06/20/2007 11:55

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

00085933

Login Number: L0706285 Run Date: 06/13/2007 Sample ID: WG242819-05
Instrument ID: IC2 Run Time: 17:03 Method: 300.0
File ID: I2061307.35 Analyst: DSF
Workgroup (AAB#): WG242818 Cal ID: IC2 - 24-MAR-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloride		6.00	5.82	mg/L	9.27	3.05	10	
Nitrate		4.07	4.03	mg/L	3.86	0.915	10	
Nitrite		3.65	3.58	mg/L	4.37	1.93	10	
Sulfate		30.0	30.6	mg/L	11.8	2.16	10	

* Exceeds %D Criteria

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 794295
Report generated 06/20/2007 11:55

2.2.2 Perchlorate Data

2.2.2.1 Summary Data

LABORATORY REPORT

00085936

L0706285

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW13	L0706285-01	314.0	10	13-JUN-07
16WW13-FD	L0706285-02	314.0	10	13-JUN-07
16WW29	L0706285-03	314.0	2	13-JUN-07
16WW30	L0706285-04	314.0	2	13-JUN-07

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085937

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242920**
Collect Date: **06/12/2007 08:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **10**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **06/18/2007 15:40**
Cal Date: **06/18/2007 12:36**
Run Date: **06/18/2007 15:40**
File ID: **I1061807.15**

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: **L0706285**
Report Date : **June 25, 2007**

00085938

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242920**
Collect Date: **06/12/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **10**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **06/18/2007 16:00**
Cal Date: **06/18/2007 12:36**
Run Date: **06/18/2007 16:00**
File ID: **I1061807.16**

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

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085939

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG242920**
Collect Date: **06/12/2007 10:47**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **2**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **06/18/2007 16:21**
Cal Date: **06/18/2007 12:36**
Run Date: **06/18/2007 16:21**
File ID: **I1061807.17**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**	**160**		**2.00**	**1.00**

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085940

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG242920**
Collect Date: **06/12/2007 12:10**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **2**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **06/18/2007 16:41**
Cal Date: **06/18/2007 12:36**
Run Date: **06/18/2007 16:41**
File ID: **I1061807.18**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Perchlorate	**14797-73-0**		**U**	**2.00**	**1.00**

U Not detected at or above adjusted sample detection limit

2.2.2.2 QC Summary Data

2.2.3 Alkalinity Data

2.2.3.1 Summary Data

LABORATORY REPORT

00085944

L0706285

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW13	L0706285-01	310.2	1	13-JUN-07
16WW13-FD	L0706285-02	310.2	1	13-JUN-07
16WW29	L0706285-03	310.2	1	13-JUN-07
16WW30	L0706285-04	310.2	1	13-JUN-07

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085945

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242538**
Collect Date: **06/12/2007 08:40**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **310.2**
Analytical Method: **310.2**
Analyst: **DIH**
Dilution: **1**
Units: **mg/L**

Instrument: **SMARTCHEM**
Prep Date: **06/14/2007 12:01**
Cal Date: **06/14/2007 11:52**
Run Date: **06/14/2007 12:01**
File ID: **SC070614001.022**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Alkalinity, Total		**54.5**		**10.0**	**5.00**

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085946

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242538**
Collect Date: **06/12/2007 09:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **310.2**
Analytical Method: **310.2**
Analyst: **DIH**
Dilution: **1**
Units: **mg/L**

Instrument: **SMARTCHEM**
Prep Date: **06/14/2007 12:02**
Cal Date: **06/14/2007 11:52**
Run Date: **06/14/2007 12:02**
File ID: **SC070614001.023**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Alkalinity, Total		**57.0**		**10.0**	**5.00**

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085947

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG242538**
Collect Date: **06/12/2007 10:47**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **310.2**
Analytical Method: **310.2**
Analyst: **DIH**
Dilution: **1**
Units: **mg/L**

Instrument: **SMARTCHEM**
Prep Date: **06/14/2007 12:02**
Cal Date: **06/14/2007 11:52**
Run Date: **06/14/2007 12:02**
File ID: **SC070614001.024**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Alkalinity, Total		**20.6**		**10.0**	**5.00**

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085948

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG242538**
Collect Date: **06/12/2007 12:10**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **310.2**
Analytical Method: **310.2**
Analyst: **DIH**
Dilution: **1**
Units: **mg/L**

Instrument: **SMARTCHEM**
Prep Date: **06/14/2007 12:03**
Cal Date: **06/14/2007 11:52**
Run Date: **06/14/2007 12:03**
File ID: **SC070614001.025**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Alkalinity, Total		**62.7**		**10.0**	**5.00**

2.2.3.2 QC Summary Data

Example Alkalinity (Colormetric) Calculations

(absorbance - intercept)/(slope * dilution) = mg/L

where:

absorbance = reading from the spectrophotometer
intercept = calculated from calibration standard absorbencies
slope = calculated from calibration standard absorbencies
dilution = dilution of the distillate in decimal form (ex. 1/5 dilution = 0.2)

KEMRON Environmental Services
Data Checklist

Date: 14-JUN-2007
Analyst: DIH
Analyst: NA
Method: ALK
Instrument: SC
Curve Workgroup: NA
Runlog ID:
Analytical Workgroups: WG242622 WG242538

Calibration/Linearity	6/14/2007
Second Source Check	X
ICV/CCV (std)	X
ICB/CCB	X
Blank	X
LCS/LCS Dup	X
MS/MSD	X
Duplicate	X
Upload Results	X
Client Forms	X
QC Violation Sheet	
Case Narratives	X
Signed Raw Data	X
STD/LCS on benchsheet	X
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	DIH
Secondary Reviewer	DR
Comments	

Primary Reviewer:
16-JUN-2007
Dianna Hesson

Secondary Reviewer:
20-JUN-2007
Keanna Roberts

Generated: JUN-20-2007 21:30:40

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 310.2 **AAB#:** WG242538
Login Number: L0706285

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
16WW29	06/12/07	06/13/07	06/14/07	14	2.05	06/14/07	14	2.05	
16WW13-FD	06/12/07	06/13/07	06/14/07	14	2.13	06/14/07	14	2.13	
16WW13	06/12/07	06/13/07	06/14/07	14	2.14	06/14/07	14	2.14	
16WW30	06/12/07	06/13/07	06/14/07	14	2.00	06/14/07	14	2.00	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**
***ANAL = SEE PROJECT QAPP REQUIREMENTS**

METHOD BLANK SUMMARY

Login Number: L0706285
Work Group: WG242538
Blank File ID: SC070614001.009
Blank Sample ID: WG242538-01
Prep Date: 06/14/07 11:53
Instrument ID: SMARTCHEM
Analyzed Date: 06/14/07 11:53
Method: 310.2
Analyst: DIH

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242538-02	SC070614001.010	06/14/07 11:54	01
LCS2	WG242538-03	SC070614001.011	06/14/07 11:54	01
16WW13	L0706285-01	SC070614001.022	06/14/07 12:01	01
16WW13-FD	L0706285-02	SC070614001.023	06/14/07 12:02	01
16WW29	L0706285-03	SC070614001.024	06/14/07 12:02	01
16WW30	L0706285-04	SC070614001.025	06/14/07 12:03	01
DUP	WG242538-05	SC070614001.036	06/14/07 12:10	01

KEMRON FORMS - Modified 01/31/2007
Version 1.5 PDF File ID: 793411
Report generated 06/16/2007 11:27

METHOD BLANK REPORT

Login Number: L0706285 Prep Date: 06/14/07 11:53 Sample ID: WG242538-01
Instrument ID: SMARTCHEM Run Date: 06/14/07 11:53 Prep Method: 310.2
File ID: SC070614001.009 Analyst: DIH Method: 310.2
Workgroup (AAB#): WG242538 Matrix: Water Units: mg/L
Contract #: DACA56-94-D-0020 Cal ID: SMARTC-14-JUN-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Alkalinity, Total	5.00	10.0	5.00	1	U

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 793412
Report generated 06/16/2007 11:27

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706285 Analyst:DIH Prep Method:310.2
Instrument ID:SMARTCHEM Matrix:Water Method:310.2
Workgroup (AAB#):WG242538 Units:mg/L
Sample ID:WG242538-02 LCS File ID:SC070614001.010 Run Date:06/14/2007 11:54
Sample ID:WG242538-03 LCS2 File ID:SC070614001.011 Run Date:06/14/2007 11:54

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Alkalinity, Total	200	210	105	200	209	104	0.442	85 - 115	25	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 793413
Report generated 06/16/2007 11:27

2.2.3.3 Raw Data

KEMRON ENVIRONMENTAL SERVICES

WORKGROUP: WG242538

SMARTCHEM RUN LOG

242622

Daily Check

- [x] Lamp On
- [x] Probe Rinse Full
- [x] DI Water > ½ Full
- [x] Wash Solution > ½ Full
- [ ] NO3 Reagent bottle connected / purged
- [ ] NO3 pH adj to pH 5-9
- [x] WBL Run
- [x] Reagents Full
- [x] Dilution H_2O Full
- [x] Waste Container Check

1) **Workgroup** 242538
   Plan # 20070614001
2) **Workgroup** _____
   Plan # _____
3) **Workgroup** 242622
   Plan # 20070614002

	Analyte	1	2	3
		ALK		
User Prepared Curve				
SC Prepared Curve				
Position				
1-1	ICV 250			
1-2	BLK			
1-3	LCS 200			
1-4	LCSDUP			
1-5	06-360-01	1/5		Color
1-6	260-02	1/5		↓
1-7	03	1/5		
1-8	04	1/5		
1-9	06-281-02	1/4		color
1-10	03	1/4		↓
1-11	05	1/4		
1-12	06	1/4		
1-13	06-285-01			
1-14	02			
1-15	03			
1-16	04			
1-17	06-306-01			
1-18	03			
1-19	05			
1-20	07			
1-21	06-310-01			
1-22	02			
2-1	03			
2-2	04			
2-3	DUP ↓			

Position	Analyte	1	2	3
	Run 2			
2-4 1	ICV			
2-5 2	BLK			
2-6 3	LCS			
2-7 4	LCSDUP		* replaced w/ a BLK	
2-8 5	06-331-03			
2-9 6	04			
2-10 7	05			
2-11 8	06			
2-12 9	07			
2-13 10	08			
2-14 11	06-330-02			
2-15 12	03			
2-16 13	04			
2-17 14	DUP ↓			
2-18 15				
2-19 16				
2-20				
2-21				
2-22				
2-23				
2-24				
2-25				
2-26				
3-1				
3-2				

NOTES:
* Run NO2 std on NO3 runs
* LCS/LCS Dup all parameters
* MS/MSD (NO3, TKN, NH3)

DCN#69706

Approved: June 20, 2007

KEMRON ENVIRONMENTAL SERVICES

WORKGROUP: WG242538

SMARTCHEM RUN LOG

Analyte		1	2	3
Position				
3-3				
3-4				
3-5				
3-6				
3-7				
3-8				
3-9				
3-10				
3-11				
3-12				
3-13				
3-14				
3-15				

Analyte		1	2	3
Position				
3-16				
3-17				
3-18				
3-19				
3-20				
3-21				
3-22				
3-23				
3-24				
3-25				
3-26				
3-27				
3-28				

☐ Chloride	EPA 325.2/SM 4500-Cl⁻ E	☐ Ammonia	EPA 350.1/SM 4500-NH3 B
☐ Sulfate	EPA 375.4	☐ TKN	EPA 351.2
☑ Alkalinity	EPA 310.2	☐ Phos	EPA 365.4
☐ Nitrate-Nitrite	EPA 353.2/SM 4500-NO3 F		

Analyte	ALK		
SOP & Revision	IK 3102		
Curve Stock (SC made)	std 17115		
Curve ID (user made)			
ICV	std 19946		
CCV	std 19887		
LCS	std 19947		
MS	Dilution N/A		

Comments: _____

Analyst: Deanna Roberts Date: 6/14/07

DCN#69706

Deanna Roberts

Approved: June 20, 2007

KEMRON ENVIRONMENTAL
SMARTCHEM REPORT
UNITS: MG/L

Method : WALK - EPA 310.2 Alkalinity

Smp#/[Dil Fact]	Sample ID	Conc	OD	%Recovery/RPD	Flag	Analysis Time
DIL-1	RBL	0.00	0.2687	0.00		11:47:04 AM
DIL-1	RBL	0.00	0.2719	0.00		11:47:22 AM
DIL-1	RBL	0.00	0.2709	0.00		11:48:34 AM
DIL-1	Std-1	0.00	0.0002	0.00	INV	11:48:53 AM
SR5-1	Std-2	10.00	-0.0070	0.00		11:49:46 AM
SR5-2	Std-3	20.00	-0.0103	0.00		11:50:04 AM
SR5-3	Std-4	50.00	-0.0343	0.00		11:50:58 AM
SR5-4	Std-5	100.00	-0.0651	0.00		11:51:16 AM
SR5-5	Std-6	200.00	-0.1424	0.00		11:52:11 AM
SR5-6	Std-7	300.00	-0.1859	0.00		11:52:28 AM
1	ICV 250	256.30	-0.1668	0.00		11:53:23 AM
2	WG242538-01 BLANK	1.05	-0.0012	0.00		11:53:41 AM
3	WG242538-02 LCS	209.59	-0.1365	0.00		11:54:35 AM
4	WG242538-03 LCSDUP	208.67	-0.1359	0.00		11:54:53 AM
5	L0706260-01 (5)	18.01	-0.0122	0.00		11:55:47 AM
6	L0706260-02 (5)	50.99	-0.0336	0.00		11:56:05 AM
7	L0706260-03 (5)	8.60	-0.0061	0.00		11:56:59 AM
8	L0706260-04 (5)	101.55	-0.0664	0.00		11:57:17 AM
9	L0706281-02 (4)	120.35	-0.0786	0.00		11:58:11 AM
10	L0706281-03 (4)	169.06	-0.1102	0.00		11:58:29 AM
ST-2	CCV1 (200 mg/L)	217.61	-0.1417	108.80		11:59:23 AM
ST-3	CCB (0 mg/L)	1.21	-0.0013	0.00		11:59:41 AM
11	L0706281-05 (4)	146.25	-0.0954	0.00		12:00:35 PM
12	L0706281-06 (4)	141.16	-0.0921	0.00		12:00:53 PM
13	L0706285-01	54.54	-0.0359	0.00		12:01:46 PM
14	L0706285-02	57.00	-0.0375	0.00		12:02:05 PM
15	L0706285-03	20.63	-0.0139	0.00		12:02:58 PM
16	L0706285-04	62.71	-0.0412	0.00		12:03:16 PM
17	L0706306-01	44.52	-0.0294	0.00		12:04:10 PM
18	L0706306-03	123.13	-0.0804	0.00		12:04:28 PM
19	L0706306-05	312.55X	-0.2033	0.00	><,LH	12:05:22 PM
20	L0706306-07	269.40	-0.1753	0.00		12:05:40 PM

Report Date :06/14/2007 **Run Date :6/14/2007** **Operator : WESTCO** **Plan # :20070614001**

Plan Description : ALK-A-DIH/6/14/2007

Approved: June 20, 2007

KEMRON ENVIRONMENTAL
SMARTCHEM REPORT
UNITS: MG/L

Method : WALK - EPA 310.2 Alkalinity

Smp#/[Dil Fact]	Sample ID	Conc	OD	%Recovery/RPD	Flag	Analysis Time
ST-2	CCV1 (200 mg/L)	216.68	-0.1411	108.34		12:06:35 PM
ST-3	CCB (0 mg/L)	7.22	-0.0052	0.00		12:06:52 PM
21	L0706310-01	60.24	-0.0396	0.00		12:07:47 PM
22	L0706310-02	5.06	-0.0038	0.00		12:08:04 PM
23	L0706310-03	-16.83	0.0104	0.00	INV,><,LL	12:08:59 PM
24	L0706310-04 DS	9.53	-0.0067	0.00		12:09:17 PM
25	WG242538-04 DUP	5.37	-0.0040	0.00		12:10:11 PM
26	ID 26	7.37	-0.0053	0.00		12:10:29 PM
ST-2	CCV1 (200 mg/L)	217.61	-0.1417	108.80		12:11:22 PM
ST-3	CCB (0 mg/L)	8.14	-0.0058	0.00		12:11:41 PM
19-[1/2]	L0706306-05	456.49	-0.1486	0.00	LH	12:23:51 PM
ST-2	CCV1 (200 mg/L)	218.38	-0.1422	109.19		12:23:51 PM
ST-3	CCB (0 mg/L)	13.07	-0.0090	0.00		12:24:45 PM

Report Date :06/14/2007 **Run Date :6/14/2007** **Operator : WESTCO** **Plan # :20070614001**

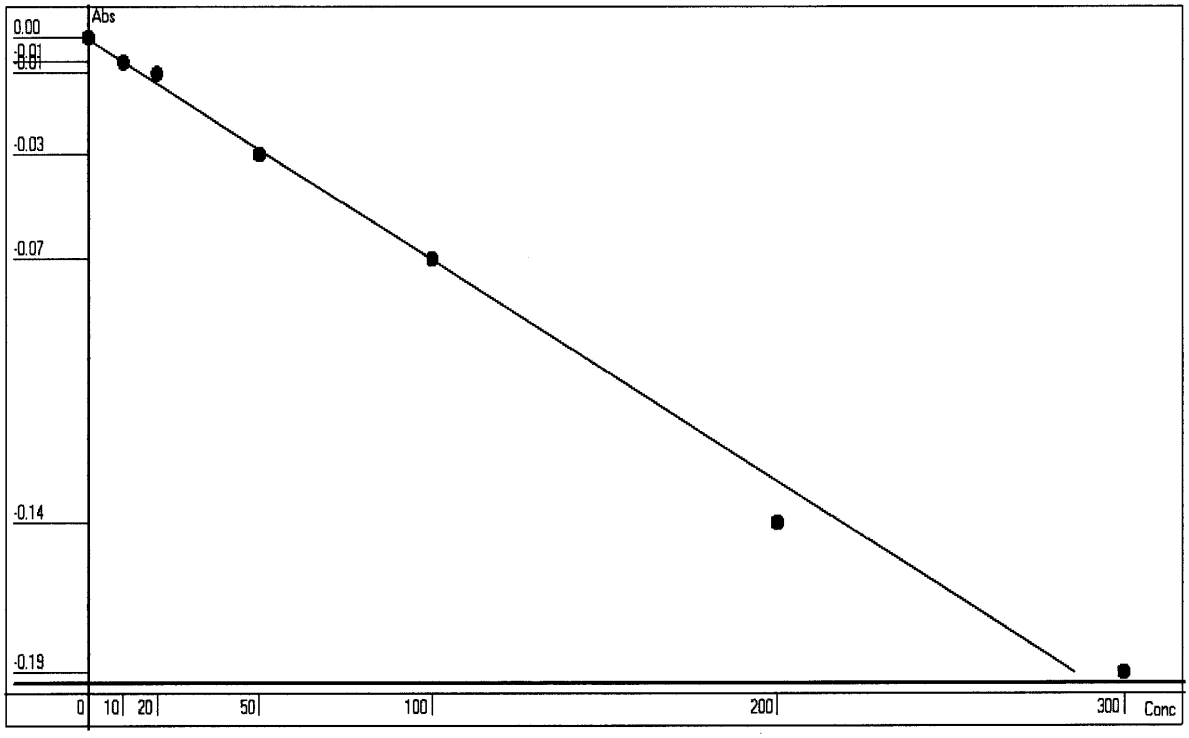
Plan Description : ALK-A-DIH/6/14/2007

Approved: June 20, 2007

Calibrant Report - WALK -

Calib Lot #:010104 Exp Date:1/1/2010 User:KEMRON

Plan # : 20070614001 Description : [ALK-A-DIH/6/14/2007]



Point	OD	Conc	Recalc Conc	% Error
1	0.0002	0	-1.1058	-110.58
2	-0.0070	10	9.9918	-0.08
3	-0.0103	20	15.0782	-24.61
4	-0.0343	50	52.0700	4.14
5	-0.0651	100	99.5429	-0.46
6	-0.1424	200	218.6875	9.34
7	-0.1859	300	285.7352	-4.75

Conc= -1541.327*Abso -0.7975 R^2=0.9924

RBL
0.2714
0

Report Date 6/14/2007 Run Date 6/14/2007

Approved: June 20, 2007

KEMRON ENVIRONMENTAL
SMARTCHEM REPORT
UNITS: MG/L

Method : WALK - EPA 310.2 Alkalinity

Smp#/[Dil Fact]	Sample ID	Conc	OD	%Recovery/RPD	Flag	Analysis Time
DIL-1	RBL	0.00	0.2676	0.00		1:07:14 PM
DIL-1	RBL	0.00	0.2680	0.00		1:07:32 PM
DIL-1	RBL	0.00	0.2655	0.00		1:08:44 PM
DIL-1	Std-1	0.00	0.0012	0.00	INV	1:09:02 PM
SR5-1	Std-2	10.00	-0.0042	0.00		1:09:56 PM
SR5-2	Std-3	20.00	-0.0102	0.00		1:10:14 PM
SR5-3	Std-4	50.00	-0.0343	0.00		1:11:08 PM
SR5-4	Std-5	100.00	-0.0687	0.00		1:11:26 PM
SR5-5	Std-6	200.00	-0.1446	0.00		1:12:20 PM
SR5-6	Std-7	300.00	-0.1926	0.00		1:12:38 PM
1	ICV 250	249.32	-0.1672	0.00		1:13:32 PM
2	WG242622-01 BLANK	5.37	-0.0030	0.00		1:13:50 PM
3	WG242622-02 LCS	203.26	-0.1362	0.00		1:14:44 PM
4	WG242622-03 LCSDUP	-8.30	0.0062	0.00	INV,><,LL	1:15:02 PM
5	L0706331-03	1.51	-0.0004	0.00		1:15:56 PM
6	L0706331-04	-0.57	0.0010	0.00	INV,LL	1:16:14 PM
7	L0706331-05	-2.65	0.0024	0.00	INV,><,LL	1:17:08 PM
8	L0706331-06	62.87	-0.0417	0.00		1:17:26 PM
9	L0706331-07	7.30	-0.0043	0.00		1:18:20 PM
10	L0706331-08	6.86	-0.0040	0.00		1:18:38 PM
ST-2	CCV1 (200 mg/L)	210.54	-0.1411	105.27		1:19:32 PM
ST-3	CCB (0 mg/L)	-6.96	0.0053	0.00	INV,><,LL	1:19:50 PM
11	L0706330-02	180.23	-0.1207	0.00		1:20:44 PM
12	L0706330-03	6.71	-0.0039	0.00		1:21:02 PM
13	L0706330-04	3.14	-0.0015	0.00		1:21:56 PM
14	WG242622-05 DUP	7.90	-0.0047	0.00		1:22:14 PM
15	ID 15	-6.96	0.0053	0.00	INV,><,LL	1:23:08 PM
16	ID 16	7.60	-0.0045	0.00		1:23:26 PM
ST-2	CCV1 (200 mg/L)	214.85	-0.1440	107.42		1:24:20 PM
ST-3	CCB (0 mg/L)	-4.73	0.0038	0.00	INV,><,LL	1:24:38 PM

Report Date :06/14/2007 **Run Date :6/14/2007** **Operator : WESTCO** **Plan # :20070614002**

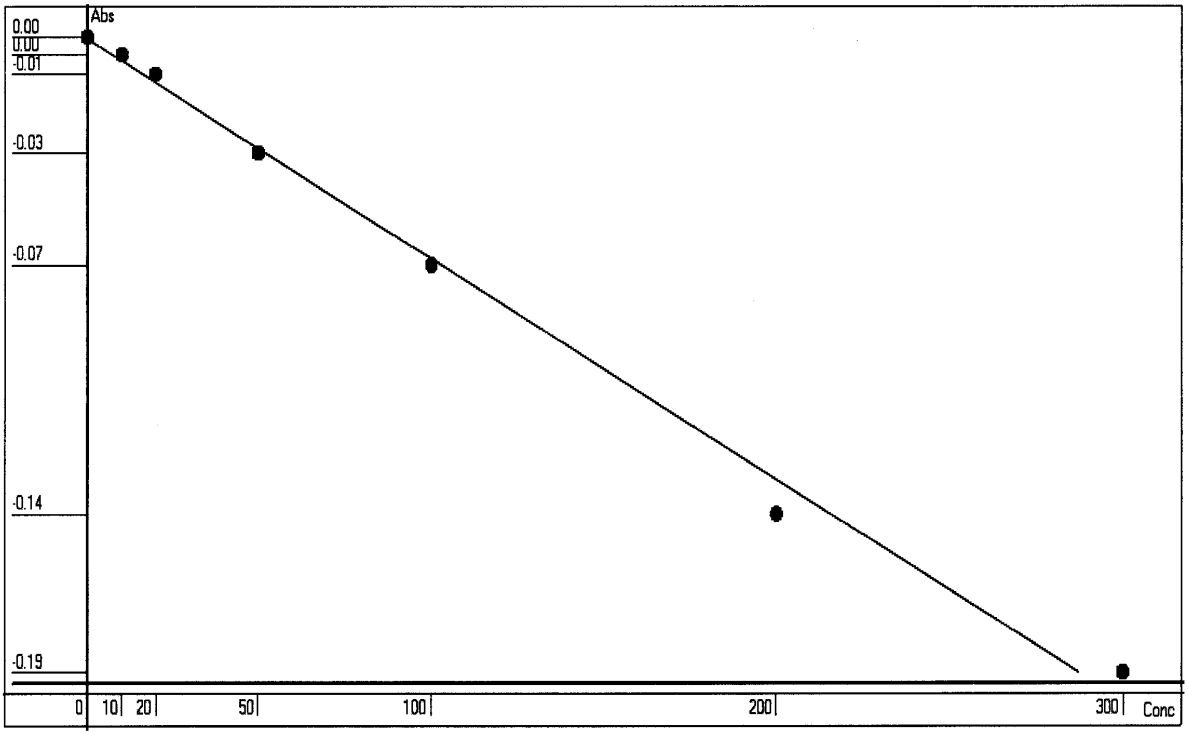
Plan Description : ALK-B-DIH/6/14/2007

Approved: June 20, 2007

Calibrant Report - WALK -

Calib Lot #:010104 Exp Date:1/1/2010 User:KEMRON

Plan # : 20070614002 Description : [ALK-B-DIH/6/14/2007]



Point	OD	Conc	Recalc Conc	% Error
1	0.0012	0	-0.8675	-86.75
2	-0.0042	10	7.1550	-28.45
3	-0.0102	20	16.0689	-19.66
4	-0.0343	50	51.8731	3.75
5	-0.0687	100	102.9794	2.98
6	-0.1446	200	215.7401	7.87
7	-0.1926	300	287.0513	-4.32

Conc= -1485.649*Abso +0.9153 R^2=0.9941

RBL
0.2678
0

Report Date 6/14/2007 Run Date 6/14/2007

Approved: June 20, 2007

2.2.4 Sulfide Data

2.2.4.1 Summary Data

LABORATORY REPORT

00085966

L0706285

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW13	L0706285-01	376.1	1	13-JUN-07
16WW13-FD	L0706285-02	376.1	1	13-JUN-07
16WW29	L0706285-03	376.1	1	13-JUN-07
16WW30	L0706285-04	376.1	1	13-JUN-07

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085967

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242602**
Collect Date: **06/12/2007 08:40**

PrePrep Method: **NONE**
Prep Method: **376.1**
Analytical Method: **376.1**
Analyst: **TMB**
Dilution: **1**
Units: **mg/L**

Instrument: **BURET**
Prep Date: **06/14/2007 11:00**
Cal Date:
Run Date: **06/14/2007 11:00**
File ID: **ET.0706141100-08**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Sulfide	**18496-25-8**		**U**	**1.00**	**0.500**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085968

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242602**
Collect Date: **06/12/2007 09:00**

PrePrep Method: **NONE**
Prep Method: **376.1**
Analytical Method: **376.1**
Analyst: **TMB**
Dilution: **1**
Units: **mg/L**

Instrument: **BURET**
Prep Date: **06/14/2007 11:00**
Cal Date:
Run Date: **06/14/2007 11:00**
File ID: **ET.0706141100-09**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Sulfide	**18496-25-8**		**U**	**1.00**	**0.500**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085969

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG242602**
Collect Date: **06/12/2007 10:47**

PrePrep Method: **NONE**
Prep Method: **376.1**
Analytical Method: **376.1**
Analyst: **TMB**
Dilution: **1**
Units: **mg/L**

Instrument: **BURET**
Prep Date: **06/14/2007 11:00**
Cal Date:
Run Date: **06/14/2007 11:00**
File ID: **ET.0706141100-10**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Sulfide	**18496-25-8**		**U**	**1.00**	**0.500**

U Not detected at or above adjusted sample detection limit

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085970

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG242602**
Collect Date: **06/12/2007 12:10**

PrePrep Method: **NONE**
Prep Method: **376.1**
Analytical Method: **376.1**
Analyst: **TMB**
Dilution: **1**
Units: **mg/L**

Instrument: **BURET**
Prep Date: **06/14/2007 11:00**
Cal Date:
Run Date: **06/14/2007 11:00**
File ID: **ET.0706141100-11**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Sulfide	**18496-25-8**		**U**	**1.00**	**0.500**

U Not detected at or above adjusted sample detection limit

2.2.4.2 QC Summary Data

Example Total Sulfide(Liquid) Calculations

[mL Iodine * N Iodide) - (mL titrant * N titrant)] * 16000/(volume * dilution) = mg/L Sulfide

where:

mL Iodine = mL of Iodine used
N Iodine = normality of Iodine
mL titrant = mL of titrant used
N titrant = normality of titrant
16000 = factor: 1mL of 0.025 N iodine reacts with 0.4mg sulfide
volume = mL filtered of mL titrated(if not filtered)
dilution = dilution in decimal form (1/5 = 0.2)

Example Total Sulfide(Soil) Calculations

[(mL Iodine * N Iodine) - (mL titrant * N titrant)] * 16.03/weight = mg/kg sulfide

where:

mL Iodine = mL of Iodine used
N Iodine = normality of Iodine
mL titrant = normality of titrant
16.03 = 32.06 grams per 2 equivalents
weight = kg of sample used

KEMRON Environmental Services
Data Checklist

Date: 14-JUN-2007
Analyst: TMB
Analyst: NA
Method: SULFIDE
Instrument: BURET
Curve Workgroup: NA
Runlog ID:
Analytical Workgroups: WG242602

Calibration/Linearity	X
Second Source Check	
ICV/CCV (std)	
ICB/CCB	
Blank	X
LCS/LCS Dup	X
MS/MSD	
Duplicate	
Upload Results	X
Client Forms	X
QC Violation Sheet	
Case Narratives	
Signed Raw Data	X
STD/LCS on benchsheet	X
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	
Primary Reviewer	TMB
Secondary Reviewer	DIH
Comments	

Primary Reviewer:
14-JUN-2007
Tiffany Bailey

Secondary Reviewer:
15-JUN-2007
Dianna Hesson

Generated: JUN-15-2007 16:43:44

2.2.4.3 Raw Data

WORKGROUP: WG242602

SULFIDE

☑ EPA 376.1 / SM4500-S(-2)-F
SOP 3761 Revision #: 12

☐ Other
LCS: STD20037

Instrument: Buret

Iodine standardization (0.025N and 0.1N)

mL 0.025N titrant: 10.0
Volume I: 10.0 mL
Normality I: 0.0253

mL 0.025 N titrant: 8.1
Volume I: 2.0 mL
Normality I: 0.1025

Stock standardization (in duplicate) 10 mL stock

mL I 1) 10 2) 10
N I 1) 0.1025 2) 0.1025
mL 0.025 titrant 1) 27 2) 27

547 = stock conc (mg/L)

LCS daily dilution: 7(547)/200 = 19.15 mg/L

SAMPLE	Volume Filtered mL	mL Iodine	N Iodine	0.0253N Sodium Thiosulfate
BLANK	200	15	0.0253	14.9
LCS (19.15 mL)	↓	↓	↓	5.9
LCSDUP (19.15 mL)	↓	↓	↓	6.0
06-260-01	500	↓	↓	15.5
02	530	↓	↓	15.2
03	540	↓	↓	15.5
04	530	↓	↓	15.5
06-285-01	530	↓	↓	17.0
02	520	↓	↓	16.0
03	530	↓	↓	15.4
04	500	↓	↓	16.0

Analyst: Tiffany Bailey Date/Time: 6/14/07 @ 1100

DCN#69712

Deanna Hesson
Approved: June 15, 2007

KEMRON ENVIRONMENTAL SERVICES
TITRAMETRIC REPORT

Workgroup (AAB#): WG242602
Product: 376.1
Analyte: Sulfide

Analyst: TMB
Run Date: 06/14/2007 11:00

SAMPLE NUMBER	Volume	Vol I	Nor I	Vol T	Nor T	Dil	Analytical	Reported	Units
WG242602-01	200.0	15	.0253	14.9	.0253	1	0.202	0.2024	mg/L
WG242602-02	200.0	15	.0253	5.9	.0253	1	18.4	18.42	mg/L
WG242602-03	200.0	15	.0253	6	.0253	1	18.2	18.22	mg/L
L0706260-01	500.0	15	.0253	15.5	.0253	1	-0.405	ND	mg/L
L0706260-02	530.0	15	.0253	15.2	.0253	1	-0.153	ND	mg/L
L0706260-03	540.0	15	.0253	15.5	.0253	1	-0.375	ND	mg/L
L0706260-04	530.0	15	.0253	15.5	.0253	1	-0.382	ND	mg/L
L0706285-01	530.0	15	.0253	17	.0253	1	-1.53	ND	mg/L
L0706285-02	520.0	15	.0253	16	.0253	1	-0.778	ND	mg/L
L0706285-03	530.0	15	.0253	15.4	.0253	1	-0.306	ND	mg/L
L0706285-04	500.0	15	.0253	16	.0253	1	-0.810	ND	mg/L

KEMRON FORMS - Modified 08/27/2004
Version 1.0
Report generated 06/14/2007 15:29

Approved: June 15, 2007

2.2.5 Total Organic Carbon Data

2.2.5.1 Summary Data

LABORATORY REPORT

00085979

L0706285

06/25/07 16:04

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP SITE 16

P.O. Number: 200328

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW13	L0706285-01	415.1	5	13-JUN-07
16WW13-FD	L0706285-02	415.1	5	13-JUN-07
16WW29	L0706285-03	415.1	1	13-JUN-07
16WW30	L0706285-04	415.1	1	13-JUN-07

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085980

Sample Number: **L0706285-01**
Client ID: **16WW13**
Matrix: **Water**
Workgroup Number: **WG242614**
Collect Date: **06/12/2007 08:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **415.1**
Analytical Method: **415.1**
Analyst: **DIH**
Dilution: **5**
Units: **mg/L**

Instrument: **TOC-VWP**
Prep Date: **06/14/2007 20:33**
Cal Date: **02/26/2007 11:40**
Run Date: **06/14/2007 20:33**
File ID: **TC06-14-2007.21**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Total Organic Carbon		**11.4**		**5.00**	**2.50**

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085981

Sample Number: **L0706285-02**
Client ID: **16WW13-FD**
Matrix: **Water**
Workgroup Number: **WG242614**
Collect Date: **06/12/2007 09:00**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **415.1**
Analytical Method: **415.1**
Analyst: **DIH**
Dilution: **5**
Units: **mg/L**

Instrument: **TOC-VWP**
Prep Date: **06/14/2007 20:48**
Cal Date: **02/26/2007 11:40**
Run Date: **06/14/2007 20:48**
File ID: **TC06-14-2007.22**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Total Organic Carbon		**19.2**		**5.00**	**2.50**

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085982

Sample Number: **L0706285-03**
Client ID: **16WW29**
Matrix: **Water**
Workgroup Number: **WG242614**
Collect Date: **06/12/2007 10:47**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **415.1**
Analytical Method: **415.1**
Analyst: **DIH**
Dilution: **1**
Units: **mg/L**

Instrument: **TOC-VWP**
Prep Date: **06/14/2007 21:02**
Cal Date: **02/26/2007 11:40**
Run Date: **06/14/2007 21:02**
File ID: **TC06-14-2007.23**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Total Organic Carbon		**5.92**		**1.00**	**0.500**

Report Number: **L0706285**
Report Date : **June 25, 2007**

00085983

Sample Number: **L0706285-04**
Client ID: **16WW30**
Matrix: **Water**
Workgroup Number: **WG242614**
Collect Date: **06/12/2007 12:10**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **415.1**
Analytical Method: **415.1**
Analyst: **DIH**
Dilution: **1**
Units: **mg/L**

Instrument: **TOC-VWP**
Prep Date: **06/14/2007 21:17**
Cal Date: **02/26/2007 11:40**
Run Date: **06/14/2007 21:17**
File ID: **TC06-14-2007.24**

Analyte	CAS. Number	Result	Qual	PQL	SQL
Total Organic Carbon		0.996	J	1.00	0.500

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

2.2.5.2 QC Summary Data

Total Organic Carbon Example Calculations
(Direct Readout Parameter)

(Readout)/(dilution) = mg/L

where:

Readout = direct readout from the instrument
dilution = dilution in decimal form (ex. 1/5 dilution = 0.2)

KEMRON Environmental Services
Data Checklist

Date: 14-JUN-2007
Analyst: DIH
Analyst: NA
Method: TOC
Instrument: TOC
Curve Workgroup: NA
Runlog ID:
Analytical Workgroups: WG242615 WG242614

Calibration/Linearity	2/26/2007
Second Source Check	X
ICV/CCV (std)	X
ICB/CCB	X
Blank	X
LCS/LCS Dup	X
MS/MSD	X
Duplicate	X
Upload Results	X
Client Forms	X
QC Violation Sheet	X
Case Narratives	X
Signed Raw Data	X
STD/LCS on benchsheet	X
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	DIH
Secondary Reviewer	DR
Comments	

Primary Reviewer:
15-JUN-2007
Dianna Hesson

Secondary Reviewer:
20-JUN-2007
Deanna Roberts

Generated: JUN-20-2007 21:28:00

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 415.1 **AAB#:** WG242614

Login Number: L0706285

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
16WW29	06/12/07	06/13/07	06/14/07	28	2.43	06/14/07	28	2.43	
16WW13	06/12/07	06/13/07	06/14/07	28	2.50	06/14/07	28	2.50	
16WW30	06/12/07	06/13/07	06/14/07	28	2.38	06/14/07	28	2.38	
16WW13-FD	06/12/07	06/13/07	06/14/07	28	2.49	06/14/07	28	2.49	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**

***ANAL = SEE PROJECT QAPP REQUIREMENTS**

METHOD BLANK SUMMARY

Login Number: L0706285
Work Group: WG242614
Blank File ID: TC06-14-2007.04
Blank Sample ID: WG242614-01
Prep Date: 06/14/07 16:22
Instrument ID: TOC-VWP
Analyzed Date: 06/14/07 16:22
Method: 415.1
Analyst: DIH

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG242614-02	TC06-14-2007.05	06/14/07 16:38	01
LCS2	WG242614-03	TC06-14-2007.06	06/14/07 16:53	01
16WW13	L0706285-01	TC06-14-2007.21	06/14/07 20:33	DL01
16WW13-FD	L0706285-02	TC06-14-2007.22	06/14/07 20:48	DL01
16WW29	L0706285-03	TC06-14-2007.23	06/14/07 21:02	01
16WW30	L0706285-04	TC06-14-2007.24	06/14/07 21:17	01
DUP	WG242614-05	TC06-14-2007.31	06/14/07 22:57	DL01

METHOD BLANK REPORT

Login Number: L0706285 Prep Date: 06/14/07 16:22 Sample ID: WG242614-01
Instrument ID: TOC-VWP Run Date: 06/14/07 16:22 Prep Method: 415.1
File ID: TC06-14-2007.04 Analyst: DIH Method: 415.1
Workgroup (AAB#): WG242614 Matrix: Water Units: mg/L
Contract #: DACA56-94-D-0020 Cal ID: TOC-VW-26-FEB-07

Analytes	SQL	PQL	Concentration	Dilution	Qualifier
Total Organic Carbon	0.500	1.00	0.530	1	J

SQL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 791928
Report generated 06/15/2007 08:10

KEMRON Environmental Services

00085990

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706285 Analyst: DIH Prep Method: 415.1
Instrument ID: TOC-VWP Matrix: Water Method: 415.1
Workgroup (AAB#): WG242614 Units: mg/L
Sample ID: WG242614-02 LCS File ID: TC06-14-2007.05 Run Date: 06/14/2007 16:38
Sample ID: WG242614-03 LCS2 File ID: TC06-14-2007.06 Run Date: 06/14/2007 16:53

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Total Organic Carbon	25.0	25.4	102	25.0	25.2	101	0.790	85 - 115	15	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 791929
Report generated 06/15/2007 08:10

2.2.5.3 Raw Data

TC/TIC
Curves

KEMRON ENVIRONMENTAL SERVICES

Total Organic Carbon

MAKE DAILY

CCV (TOC): _____ (10/200 (1000) = 50 mg/L) (3/200 (1000) = 10 mg/L) see below

CCV (TIC): _____ (5/200 (1000) = 25 mg/L)

LCS (TOC): _____ (5/200 (1000) = 25 mg/L)

MS (TOC): _____

Calibration Curve Date: _____

☑ EPA 415.1 TOC / TOC-4 / TOC-D / TOCLOW
☐ SW846 9060 TOC-14 / TOC-44

SOP: K 4151 Rev. 11

Instrument: Shimadza TOC-VWP/ASI

☑ drain reservoir filled
☑ ASI water bottle full
☑ dilution water bottle full

DAILY CHECK

☑ 3rd bottle full
☑ sufficient gas
☑ sufficient persulfate

☑ sufficient acid waste container

Position	Sample ID	Dilution
1	TC Curve	
2	TIC Curve	
3	TC ICV	
4	TIC ICV	
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Position	Sample ID	Dilution
26	curve std	
27	TC: STD 17869	
28	TIC: STD 16475	
29		
30		
31	ICV:	
32	TC STD 16885	
33	TIC STD 17080	
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		

Position	Sample ID	Dilution
51		
52	from SOP	
53	"	"
54		
55		
56		
57	5/200(1000)=25	
58	↓	↓
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		

Analyst: Deanna Roberts Date: 2/26/07 Time: _____

DCN#68372

Deanna Roberts

Approved: March 19, 2007

Instr.Information

System TOCVW ASI
Detector Wet Chemical

Cal. Curve

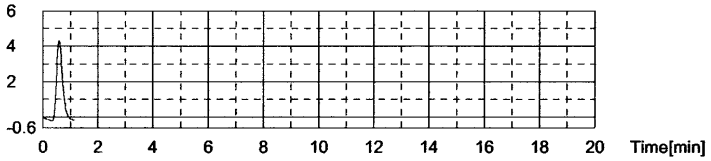
Sample Name: TC CURVE
Sample ID: Untitled
Cal. Curve: TCCURVE-02-26-2007.2007_02_26_10_12_35.cal
Status Completed

Type	Anal.
Standard	TC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	6.664	500uL	1	********		02/26/2007 10:16:35 AM

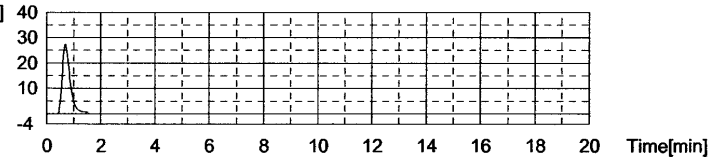
Acid Add. 0.000%
Mean Area 6.664



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	53.24	500uL	1	********		02/26/2007 10:23:07 AM

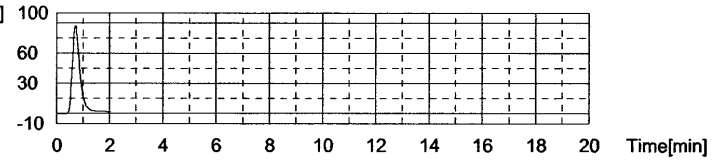
Acid Add. 0.000%
Mean Area 53.24



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	175.0	500uL	1	********		02/26/2007 10:30:22 AM

Acid Add. 0.000%
Mean Area 175.0

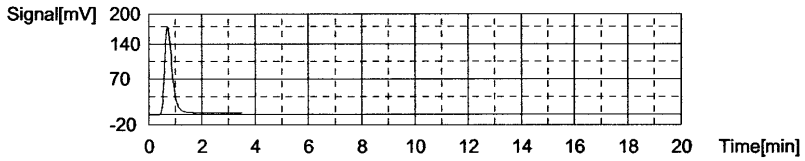


Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	369.9	500uL	1	********		02/26/2007 10:39:05 AM

Approved: March 19, 2007

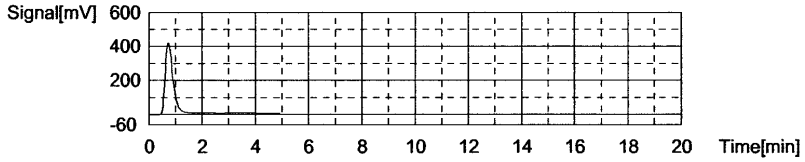
Acid Add. 0.000%
Mean Area 369.9



Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	965.1	500uL	1	T******		02/26/2007 10:49:12 AM

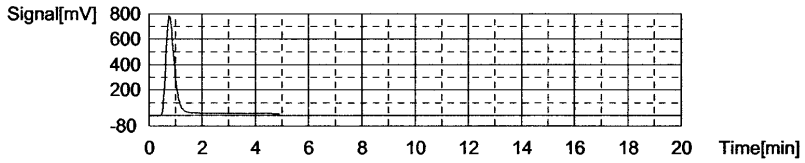
Acid Add. 0.000%
Mean Area 965.1



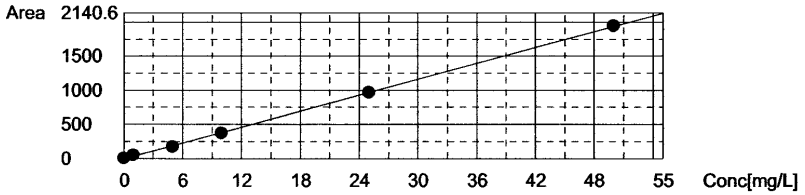
Conc: 50.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	1946	500uL	1	T******		02/26/2007 10:59:19 AM

Acid Add. 0.000%
Mean Area 1946



Slope: 38.88
Intercept -3.633
r^2 0.999663
Zero Shift No



Cal. Curve

Sample Name: TIC CURVE
Sample ID: Untitled
Cal. Curve: TICCURVE-02-26-2007.2007_02_26_10_59_19.cal
Status Completed

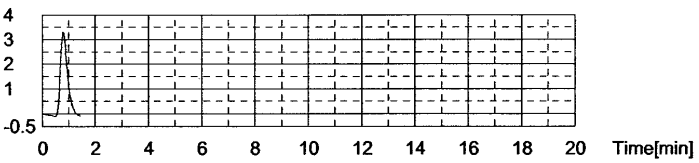
Type	Anal.
Standard	IC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	6.426	500uL	1	*******		02/26/2007 11:03:55 AM

Approved: March 19, 2007

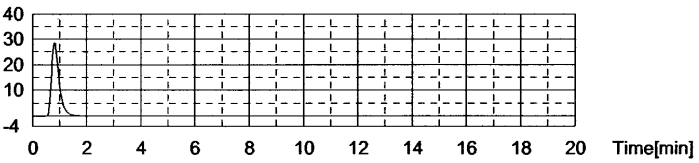
Acid Add. 10.00%
Mean Area 6.426



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	55.25	500uL	1	*******		02/26/2007 11:12:40 AM

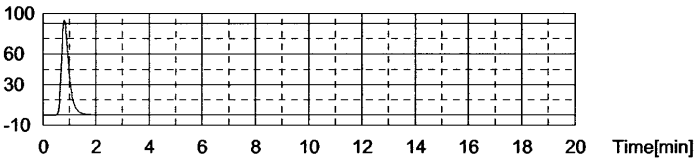
Acid Add. 10.00%
Mean Area 55.25



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	183.5	500uL	1	*******		02/26/2007 11:21:45 AM

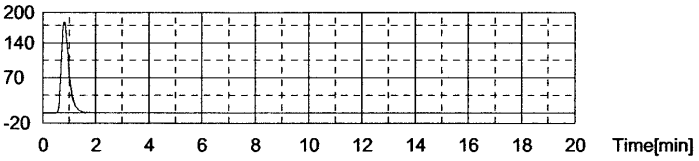
Acid Add. 10.00%
Mean Area 183.5



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	363.0	500uL	1	*******		02/26/2007 11:31:02 AM

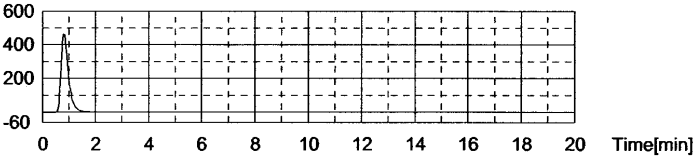
Acid Add. 10.00%
Mean Area 363.0



Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	909.5	500uL	1	*******		02/26/2007 11:40:45 AM

Acid Add. 10.00%
Mean Area 909.5

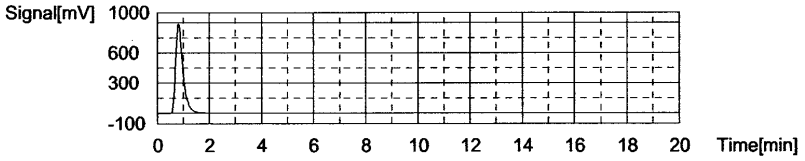


Conc: 50.00mg/L

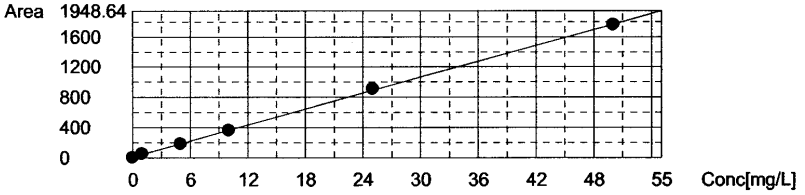
Approved: March 19, 2007

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	1764	500uL	1	********		02/26/2007 11:51:14 AM

Acid Add. 10.00%
Mean Area 1764



Slope: 35.15
Intercept 13.77
r^2 0.999794
Zero Shift No



Sample

Sample Name: TC ICV
Sample ID: Untitled
Origin: TCCURVE-02-26-2007.cal
Status Completed
Chk. Result

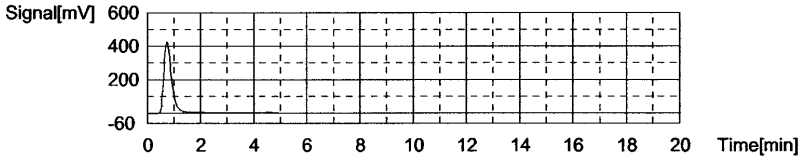
Type	Anal.	Dil.	Result
Unknown	TC	1.000	TC:23.83mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	922.8	23.83mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	02/26/2007 12:02:39 PM

Mean Area 922.8
Mean Conc. 23.83mg/L



Sample

Sample Name: TIC CURVE
Sample ID: Untitled
Origin: TICCURVE-02-26-2007.cal
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	IC	1.000	IC:23.43mg/L

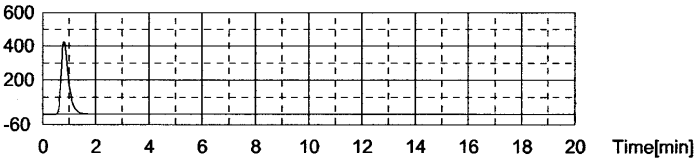
1. Det

Approved: March 19, 2007

Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	837.6	23.43mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	02/26/2007 12:10:52 PM

Mean Area 837.6
Mean Conc. 23.43mg/L



Approved: March 19, 2007

KEMRON ENVIRONMENTAL SERVICES

WORKGROUP: WG242614

242615

WG#: _____

Total Organic Carbon

MAKE DAILY

CCV (TOC): STD19122 (10/200 (1000) = 50 mg/L) (2/200 (1000) = 10 mg/L)

CCV (TIC): STD19753 (5/200 (1000) = 25 mg/L)

LCS (TOC): STD18349 (5/200 (1000) = 25 mg/L)

MS (TOC): 0.4/40(1000)=10

Calibration Curve Date: 2/26/07

☑ EPA 415.1 / SM5310-C TOC / TOC-4 / TOC-D / TOCLOW
☐ SW846 9060 TOC-14 / TOC-44

SOP: K 4151 Rev. 11

Instrument: Shimadza TOC-VWP/ASI

DAILY CHECK

☑ drain reservoir filled
☑ ASI water bottle full
☐ dilution water bottle full

☑ 3rd bottle full
☑ sufficient gas
☑ sufficient persulfate

☑ sufficient acid waste container

Position	Sample ID	Dilution
1	CCV 50	
2	CCV 10	
3	TIC 25	
4	BLK	
5	LCS 25	
6	LCSDUP	
7	06-07503	1/2
8	04	1/2
9	05	1/3
10	06	1/3
11	07	1/2
12	06-104-01	1/20
13	03	1/4
14	04	1/10
15	CCV	
16	CCB	
17	06-104-05	1/50
18	06	1/40
19	09	1/50
20	12	1/15
21	06-285-01	1/5
22	02	1/5
23	03	
24	04	
25	06-315-09	

Position	Sample ID	Dilution
26	06-151-01	1/5
27	CCV	
28	CCB	
29	06-151-02	1/5
30	06-151-03	1/5
31	DUP	↓
32	MS	↓
33	BLK	
34	LCS	
35	LCSDUP	
36	06-151-04	1/10
37	05	1/5
38	06	1/10
39	CCV	
40	CCB	
41	06-151-07	1/5
42	08	↓
43	09	
44	10	
45	DUP 10	
46	MS 11	
47	MSD 12	
48	13	
49	14	
50	15	

Position	Sample ID	Dilution
51	CCV	
52	CCB	
53	06-151-16	1/5
54	18	↓
55	06-201-01	1/5
56	02	↓
57	03	
58	04	
59	MS 05	
60	MSD 06	↓
61	~~07~~	
62	~~08~~	
63	CCV	
64	CCB	
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		

Analyst: Deanna Roberts Date: 6/14/07 Time: _____

DCN#69713

Deanna Roberts

Approved: June 20, 2007

	Analysis	Sample Name	Result	Status	Date / Time	Vial
1	TOC	CCV 50	!!Error!! TOC:48.66mg/L TC:48.43mg/L IC:-0.2302mg/L	Comp	06/14/2007 03:43:19 PM	1
2	TOC	CCV 10	!!Error!! TOC:9.784mg/L TC:9.549mg/L IC:-0.2346mg/L	Comp	06/14/2007 03:56:37 PM	2
3	TOC	TIC 25	TOC:0.09141mg/L TC:24.21mg/L IC:24.12mg/L	Comp	06/14/2007 04:13:12 PM	3
4	TOC	WG242614-01 BLANK	!!Error!! TOC:0.5300mg/L TC:0.3407mg/L IC:-0.1893mg/	Comp	06/14/2007 04:22:53 PM	0
5	TOC	WG242614-02 LCS	!!Error!! TOC:25.42mg/L TC:25.18mg/L IC:-0.2442mg/L	Comp	06/14/2007 04:38:23 PM	5
6	TOC	WG242614-03 LCSDUP	!!Error!! TOC:25.22mg/L TC:24.98mg/L IC:-0.2356mg/L	Comp	06/14/2007 04:53:50 PM	6
7	TOC	L0706075-03 (2)	TOC:0.8219mg/L TC:18.73mg/L IC:17.91mg/L	Comp	06/14/2007 05:09:13 PM	7
8	TOC	L0706075-04 (2)	TOC:1.884mg/L TC:21.22mg/L IC:19.34mg/L	Comp	06/14/2007 05:25:07 PM	8
9	TOC	L0706075-05 (3)	TOC:0.9985mg/L TC:12.66mg/L IC:11.66mg/L	Comp	06/14/2007 05:39:47 PM	9
10	TOC	L0706075-06 (3)	TOC:2.642mg/L TC:17.07mg/L IC:14.43mg/L	Comp	06/14/2007 05:55:09 PM	10
11	TOC	L0706075-07 (2)	TOC:0.3602mg/L TC:12.35mg/L IC:11.99mg/L	Comp	06/14/2007 06:09:21 PM	11
12	TOC	L0706104-01 (20)	TOC:14.74mg/L TC:16.10mg/L IC:1.362mg/L	Comp	06/14/2007 06:24:31 PM	12
13	TOC	L0706104-03 (4)	TOC:25.91mg/L TC:29.44mg/L IC:3.534mg/L	Comp	06/14/2007 06:40:16 PM	13
14	TOC	L0706104-04 (10)	TOC:17.81mg/L TC:18.70mg/L IC:0.8932mg/L	Comp	06/14/2007 06:55:36 PM	14
15	TOC	CCV	!!Error!! TOC:50.37mg/L TC:50.15mg/L IC:-0.2151mg/L	Comp	06/14/2007 07:10:57 PM	15
16	TOC	CCB	!!Error!! TOC:0.4671mg/L TC:0.2739mg/L IC:-0.1932mg/	Comp	06/14/2007 07:20:17 PM	0
17	TOC	L0706104-05 (50)	TOC:80.46mg/L TC:84.05mg/L IC:3.594mg/L	Comp	06/14/2007 07:36:10 PM	17
18	TOC	L0706104-06 (40)	TOC:10.11mg/L TC:10.68mg/L IC:0.5715mg/L	Comp	06/14/2007 07:49:43 PM	18
19	TOC	L0706104-09 (50)	TOC:8.556mg/L TC:9.104mg/L IC:0.5484mg/L	Comp	06/14/2007 08:03:14 PM	19
20	TOC	L0706104-12 (15)	TOC:20.83mg/L TC:21.38mg/L IC:0.5519mg/L	Comp	06/14/2007 08:18:44 PM	20
21	TOC	L0706285-01 (5)	TOC:2.289mg/L TC:14.65mg/L IC:12.36mg/L	Comp	06/14/2007 08:33:09 PM	21
22	TOC	L0706285-02 (5)	TOC:3.846mg/L TC:20.53mg/L IC:16.68mg/L	Comp	06/14/2007 08:48:26 PM	22
23	TOC	L0706285-03	TOC:5.916mg/L TC:20.02mg/L IC:14.11mg/L	Comp	06/14/2007 09:02:53 PM	23
24	TOC	L0706285-04	TOC:0.9955mg/L TC:13.52mg/L IC:12.52mg/L	Comp	06/14/2007 09:17:00 PM	24
25	TOC	L0706285-09	TOC:1.787mg/L TC:5.099mg/L IC:3.312mg/L	Comp	06/14/2007 09:29:40 PM	25
26	TOC	L0706151-01 (5)	TOC:21.20mg/L TC:22.24mg/L IC:1.035mg/L	Comp	06/14/2007 09:45:15 PM	26
27	TOC	CCV	!!Error!! TOC:49.17mg/L TC:48.97mg/L IC:-0.2042mg/L	Comp	06/14/2007 10:00:37 PM	27
28	TOC	CCB	!!Error!! TOC:0.4674mg/L TC:0.2789mg/L IC:-0.1885mg/	Comp	06/14/2007 10:10:01 PM	0
29	TOC	L0706151-02 (5)	TOC:24.65mg/L TC:25.51mg/L IC:0.8517mg/L	Comp	06/14/2007 10:25:47 PM	29
30	TOC	L0706151-03 (5)	TOC:20.73mg/L TC:22.46mg/L IC:1.737mg/L	Comp	06/14/2007 10:41:31 PM	30
31	TOC	WG242614-05 (5) DUP	TOC:21.26mg/L TC:22.75mg/L IC:1.494mg/L	Comp	06/14/2007 10:57:20 PM	31
32	TOC	WG242614-06 (5) MS	TOC:21.22mg/L TC:21.49mg/L IC:0.2685mg/L	Comp	06/14/2007 11:12:45 PM	32
33	TOC	WG242615-01 BLANK	!!Error!! TOC:0.4704mg/L TC:0.2808mg/L IC:-0.1896mg/	Comp	06/14/2007 11:22:03 PM	0
34	TOC	WG242615-02 LCS	!!Error!! TOC:25.09mg/L TC:24.87mg/L IC:-0.2187mg/L	Comp	06/14/2007 11:37:23 PM	34
35	TOC	WG242615-03 LCSDUP	!!Error!! TOC:24.49mg/L TC:24.27mg/L IC:-0.2161mg/L	Comp	06/14/2007 11:52:46 PM	35
36	TOC	L0706151-04 (10)	TOC:53.91mg/L TC:54.96mg/L IC:1.050mg/L	Comp	06/15/2007 12:08:26 AM	36
37	TOC	L0706151-05 (5)	TOC:28.46mg/L TC:28.75mg/L IC:0.2859mg/L	Comp	06/15/2007 12:24:03 AM	37
38	TOC	L0706151-06 (10)	TOC:13.92mg/L TC:14.56mg/L IC:0.6389mg/L	Comp	06/15/2007 12:38:06 AM	38
39	TOC	CCV	!!Error!! TOC:48.76mg/L TC:48.56mg/L IC:-0.2006mg/L	Comp	06/15/2007 12:53:31 AM	39
40	TOC	CCB	!!Error!! TOC:0.4874mg/L TC:0.3013mg/L IC:-0.1860mg/	Comp	06/15/2007 01:02:54 AM	0
41	TOC	L0706151-07 (5)	TOC:1.624mg/L TC:3.085mg/L IC:1.461mg/L	Comp	06/15/2007 01:15:35 AM	41
42	TOC	L0706151-08 (5)	TOC:2.248mg/L TC:3.342mg/L IC:1.095mg/L	Comp	06/15/2007 01:28:07 AM	42
43	TOC	L0706151-09 (5)	TOC:0.7666mg/L TC:2.048mg/L IC:1.282mg/L	Comp	06/15/2007 01:40:26 AM	43
44	TOC	L0706151-10 (5)	TOC:66.57mg/L TC:68.57mg/L IC:1.993mg/L	Comp	06/15/2007 01:56:20 AM	44
45	TOC	WG242615-05 (5) DUP	TOC:66.18mg/L TC:68.00mg/L IC:1.825mg/L	Comp	06/15/2007 02:12:11 AM	45
46	TOC	L0706151-11 (5) MS	TOC:71.91mg/L TC:74.82mg/L IC:2.905mg/L	Comp	06/15/2007 02:28:11 AM	46
47	TOC	L0706151-12 (5) MSD	TOC:83.28mg/L TC:87.68mg/L IC:4.401mg/L	Comp	06/15/2007 02:44:05 AM	47
48	TOC	L0706151-13 (5)	TOC:40.18mg/L TC:41.51mg/L IC:1.330mg/L	Comp	06/15/2007 02:59:54 AM	48
49	TOC	L0706151-14 (5)	TOC:252.5mg/L TC:257.3mg/L IC:4.811mg/L	Comp	06/15/2007 03:16:05 AM	49
50	TOC	L0706151-15 (5)	TOC:2.782mg/L TC:3.491mg/L IC:0.7092mg/L	Comp	06/15/2007 03:29:07 AM	50
51	TOC	CCV	!!Error!! TOC:48.46mg/L TC:48.27mg/L IC:-0.1865mg/L	Comp	06/15/2007 03:44:47 AM	51
52	TOC	CCB	!!Error!! TOC:0.4950mg/L TC:0.3133mg/L IC:-0.1816mg/	Comp	06/15/2007 03:54:10 AM	0
53	TOC	L0706151-16 (5)	TOC:8.228mg/L TC:8.718mg/L IC:0.4901mg/L	Comp	06/15/2007 04:07:14 AM	53
54	TOC	L0706151-18 (5)	TOC:21.82mg/L TC:22.63mg/L IC:0.8130mg/L	Comp	06/15/2007 04:22:16 AM	54
55	TOC	L0706201-01 (5)	TOC:144.0mg/L TC:154.9mg/L IC:10.94mg/L	Comp	06/15/2007 04:38:56 AM	55
56	TOC	L0706201-02 (5)	TOC:144.3mg/L TC:189.9mg/L IC:45.58mg/L	Comp	06/15/2007 04:57:35 AM	56
57	TOC	L0706201-03 (5)	TOC:250.5mg/L TC:257.3mg/L IC:6.754mg/L	Comp	06/15/2007 05:14:00 AM	57
58	TOC	L0706201-04 (5)	TOC:26.50mg/L TC:27.62mg/L IC:1.112mg/L	Comp	06/15/2007 05:28:13 AM	58
59	TOC	L0706201-05 MS (5)	TOC:26.90mg/L TC:27.57mg/L IC:0.6702mg/L	Comp	06/15/2007 05:43:43 AM	59
60	TOC	L0706201-06 MSD (5)	TOC:29.07mg/L TC:29.70mg/L IC:0.6346mg/L	Comp	06/15/2007 05:58:52 AM	60
61	TOC		!!Error!! TOC:0.5158mg/L TC:0.3687mg/L IC:-0.1471mg/	Comp	06/15/2007 06:10:56 AM	61
62	TOC		!!Error!! TOC:0.5541mg/L TC:0.4091mg/L IC:-0.1451mg/	Comp	06/15/2007 06:23:59 AM	62
63	TOC	CCV	!!Error!! TOC:48.09mg/L TC:47.91mg/L IC:-0.1812mg/L	Comp	06/15/2007 06:39:43 AM	63
64	TOC	CCB	!!Error!! TOC:0.5436mg/L TC:0.3705mg/L IC:-0.1731mg/	Comp	06/15/2007 06:49:30 AM	0

Approved: June 20, 2007

Instr.Information

System	TOCVW ASI
Detector	Wet Chemical

Sample

Sample Name:	CCV 50
Sample ID:	<Untitled>
Origin:	TOC-02-26-2007.met
Status	Completed
Chk. Result	

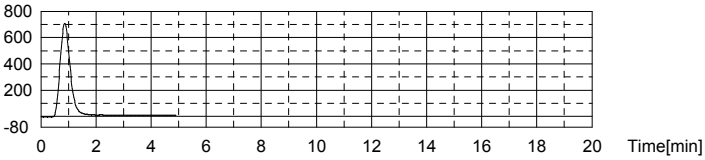
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:48.66mg/L TC:48.43mg/L IC:-0.2302mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1879	48.43mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 03:38:47 PM

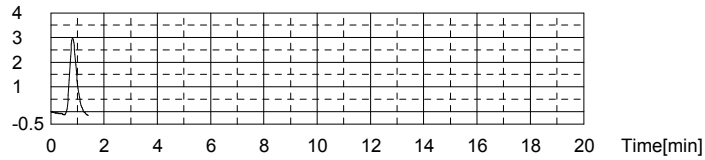
Mean Area 1879
Mean Conc. 48.43mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.677	-0.2302mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 03:43:19 PM

Mean Area 5.677
Mean Conc. -0.2302mg/L



Sample

Sample Name:	CCV 10
Sample ID:	<Untitled>
Origin:	TOC-02-26-2007.met
Status	Completed
Chk. Result	

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:9.784mg/L TC:9.549mg/L IC:-0.2346mg/L

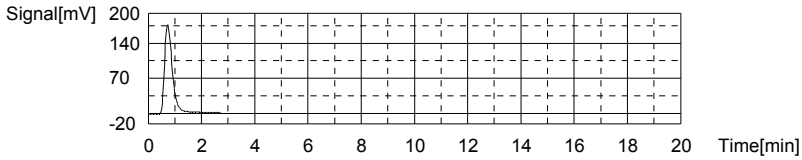
1. Det

Anal.: TC

Approved: June 20, 2007

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	367.6	9.549mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 03:51:56 PM

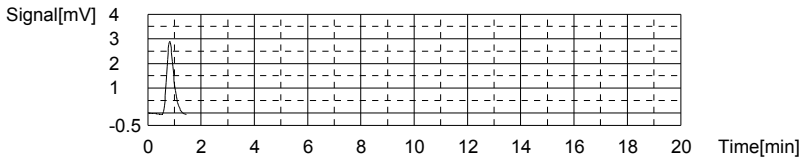
Mean Area 367.6
Mean Conc. 9.549mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.524	-0.2346mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 03:56:37 PM

Mean Area 5.524
Mean Conc. -0.2346mg/L



Sample

Sample Name: TIC 25
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

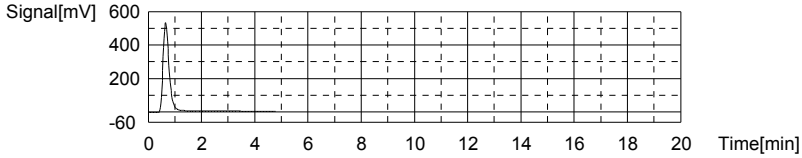
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.09141mg/L TC:24.21mg/L IC:24.12mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	937.5	24.21mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 04:07:18 PM

Mean Area 937.5
Mean Conc. 24.21mg/L

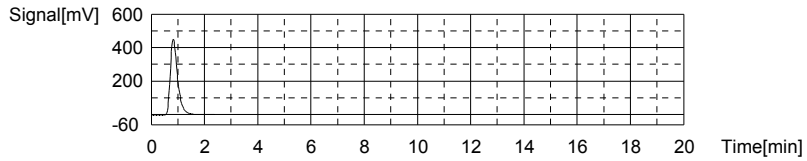


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	861.6	24.12mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 04:13:12 PM

Approved: June 20, 2007

Mean Area 861.6
Mean Conc. 24.12mg/L



Sample

Sample Name: WG242614-01 BLANK
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

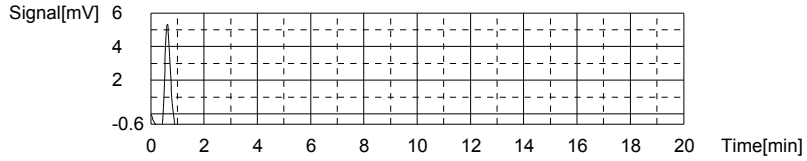
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.5300mg/L TC:0.3407mg/L IC:-0.1893mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.612	0.3407mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 04:18:41 PM

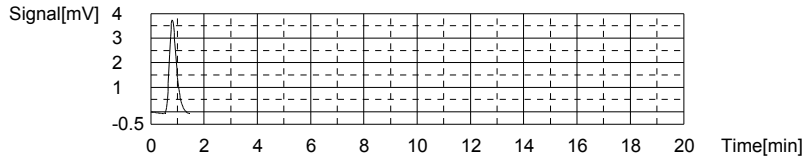
Mean Area 9.612
Mean Conc. 0.3407mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.116	-0.1893mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 04:22:53 PM

Mean Area 7.116
Mean Conc. -0.1893mg/L



Sample

Sample Name: WG242614-02 LCS
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:25.42mg/L TC:25.18mg/L IC:-0.2442mg/L

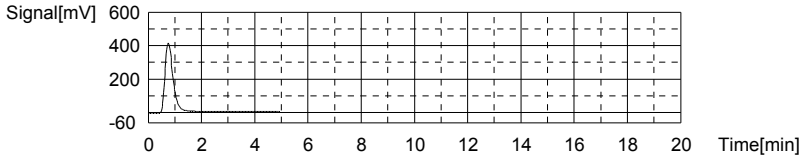
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	975.1	25.18mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 04:33:49 PM

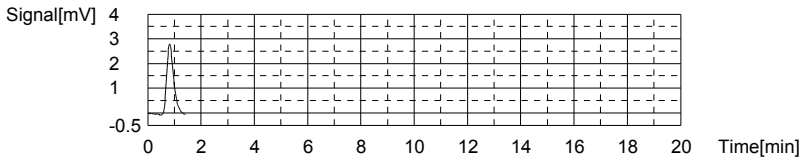
Mean Area 975.1
Mean Conc. 25.18mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.185	-0.2442mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 04:38:23 PM

Mean Area 5.185
Mean Conc. -0.2442mg/L



Sample

Sample Name: WG242614-03 LCSDUP
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

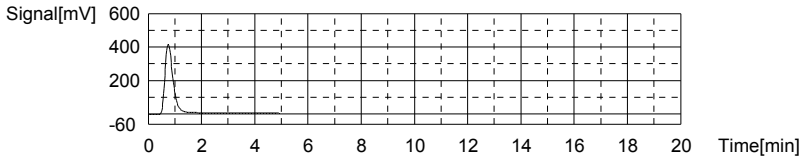
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:25.22mg/L TC:24.98mg/L IC:-0.2356mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	967.6	24.98mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 04:49:19 PM

Mean Area 967.6
Mean Conc. 24.98mg/L

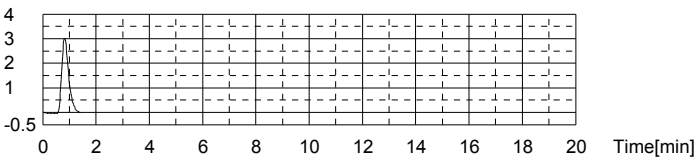


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.488	-0.2356mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 04:53:50 PM

Approved: June 20, 2007

Mean Area 5.488
Mean Conc. -0.2356mg/L



Sample

Sample Name: L0706075-03 (2)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

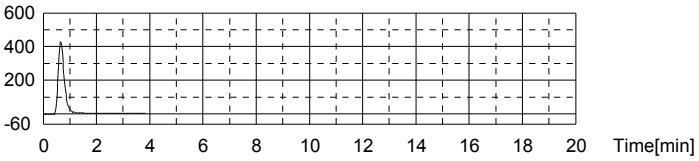
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.8219mg/L TC:18.73mg/L IC:17.91mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	724.6	18.73mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 05:03:43 PM

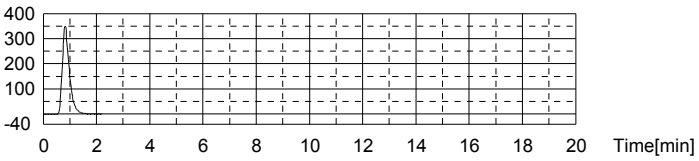
Mean Area 724.6
Mean Conc. 18.73mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	643.4	17.91mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 05:09:13 PM

Mean Area 643.4
Mean Conc. 17.91mg/L



Sample

Sample Name: L0706075-04 (2)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:1.884mg/L TC:21.22mg/L IC:19.34mg/L

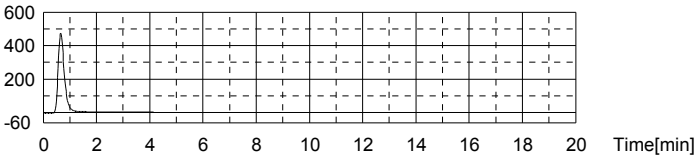
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	821.5	21.22mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 05:19:24 PM

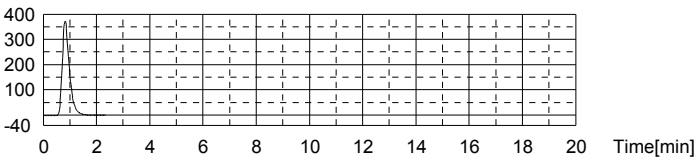
Mean Area 821.5
Mean Conc. 21.22mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	693.7	19.34mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 05:25:07 PM

Mean Area 693.7
Mean Conc. 19.34mg/L



Sample

Sample Name: L0706075-04 (3)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

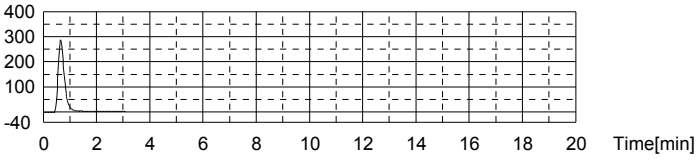
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.9985mg/L TC:12.66mg/L IC:11.66mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	488.4	12.66mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 05:34:14 PM

Mean Area 488.4
Mean Conc. 12.66mg/L

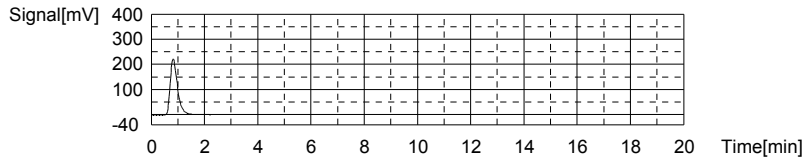


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	423.6	11.66mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 05:39:47 PM

Approved: June 20, 2007

Mean Area 423.6
Mean Conc. 11.66mg/L



Sample

Sample Name: L0706075-06 (3)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

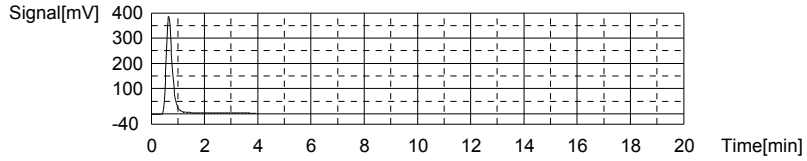
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:2.642mg/L TC:17.07mg/L IC:14.43mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	660.0	17.07mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 05:49:38 PM

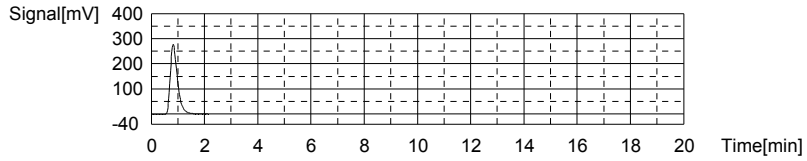
Mean Area 660.0
Mean Conc. 17.07mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	521.0	14.43mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 05:55:09 PM

Mean Area 521.0
Mean Conc. 14.43mg/L



Sample

Sample Name: L0706075-07 (2)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.3602mg/L TC:12.35mg/L IC:11.99mg/L

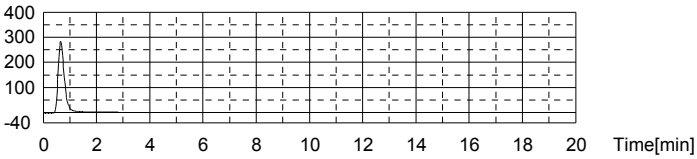
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	476.3	12.35mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 06:03:53 PM

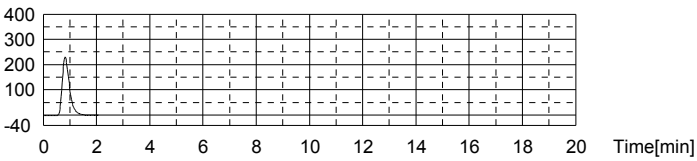
Mean Area 476.3
Mean Conc. 12.35mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	435.1	11.99mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 06:09:21 PM

Mean Area 435.1
Mean Conc. 11.99mg/L



Sample

Sample Name: L0706104-01 (20)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

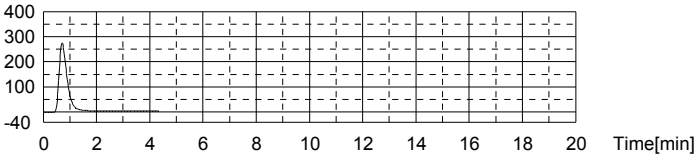
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:14.74mg/L TC:16.10mg/L IC:1.362mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	622.2	16.10mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 06:19:36 PM

Mean Area 622.2
Mean Conc. 16.10mg/L

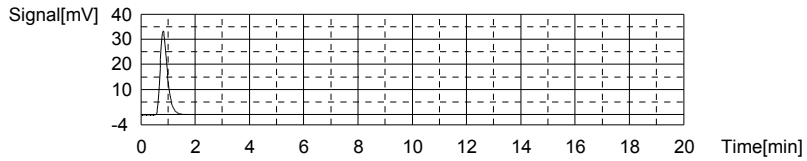


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	61.65	1.362mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 06:24:31 PM

Approved: June 20, 2007

Mean Area 61.65
Mean Conc. 1.362mg/L



Sample

Sample Name: L0706104-03 (4)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

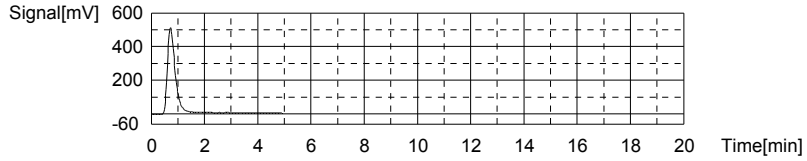
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:25.91mg/L TC:29.44mg/L IC:3.534mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1141	29.44mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 06:35:20 PM

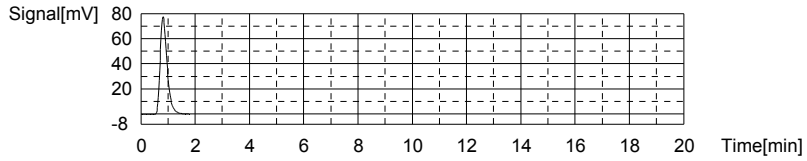
Mean Area 1141
Mean Conc. 29.44mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	138.0	3.534mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 06:40:16 PM

Mean Area 138.0
Mean Conc. 3.534mg/L



Sample

Sample Name: L0706104-04 (10)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:17.81mg/L TC:18.70mg/L IC:0.8932mg/L

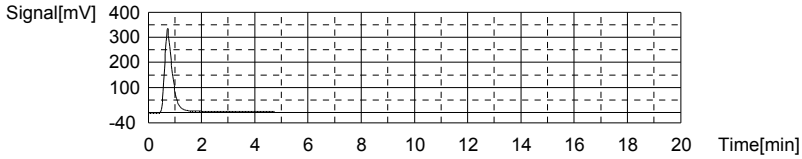
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	723.4	18.70mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 06:50:47 PM

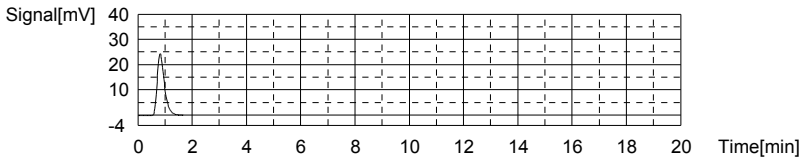
Mean Area 723.4
Mean Conc. 18.70mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	45.17	0.8932mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 06:55:36 PM

Mean Area 45.17
Mean Conc. 0.8932mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

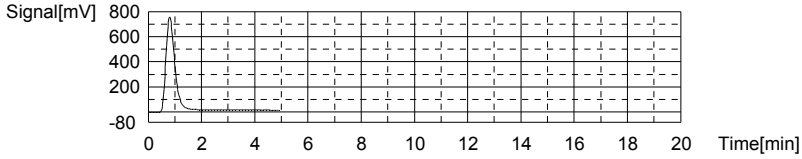
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:50.37mg/L TC:50.15mg/L IC:-0.2151mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1946	50.15mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 07:06:24 PM

Mean Area 1946
Mean Conc. 50.15mg/L

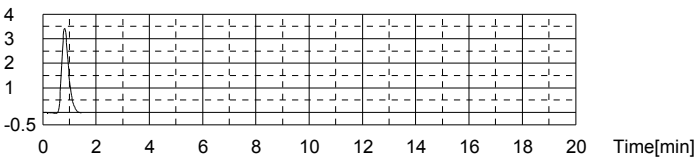


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.207	-0.2151mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 07:10:57 PM

Approved: June 20, 2007

Mean Area 6.207
Mean Conc. -0.2151mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

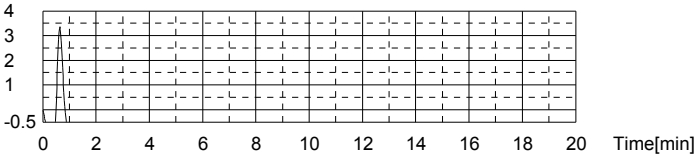
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4671mg/L TC:0.2739mg/L IC:-0.1932mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.016	0.2739mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 07:16:10 PM

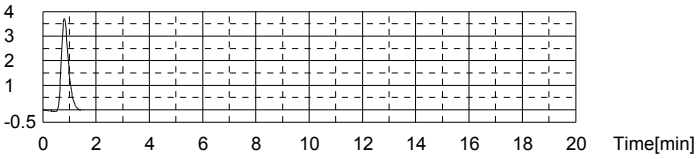
Mean Area 7.016
Mean Conc. 0.2739mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.977	-0.1932mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 07:20:17 PM

Mean Area 6.977
Mean Conc. -0.1932mg/L



Sample

Sample Name: L0706104-05 (50)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:80.46mg/L TC:84.05mg/L IC:3.594mg/L

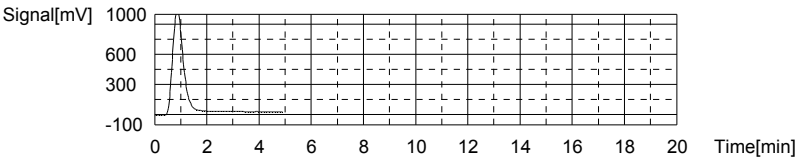
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3264	84.05mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 07:31:12 PM

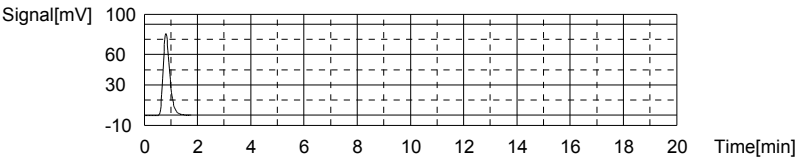
Mean Area 3264
Mean Conc. 84.05mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	140.1	3.594mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 07:36:10 PM

Mean Area 140.1
Mean Conc. 3.594mg/L



Sample

Sample Name: L0706104-06 (40)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

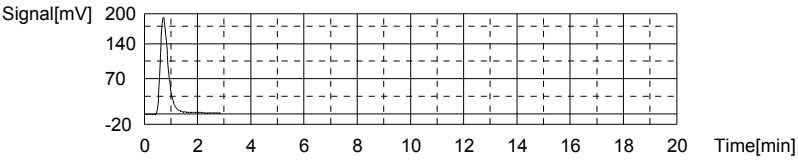
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:10.11mg/L TC:10.68mg/L IC:0.5715mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	411.7	10.68mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 07:44:49 PM

Mean Area 411.7
Mean Conc. 10.68mg/L



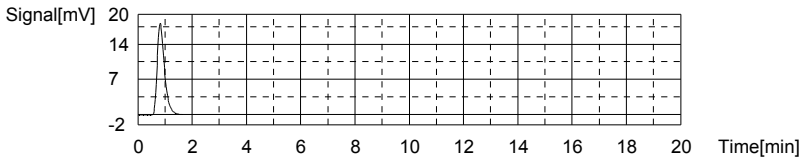
Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	33.86	0.5715mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 07:49:43 PM

Jeanna Roberts

Approved: June 20, 2007

Mean Area 33.86
Mean Conc. 0.5715mg/L



Sample

Sample Name: L0706104-09 (50)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

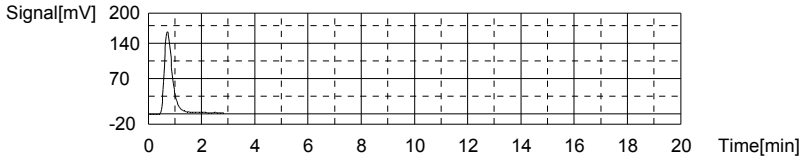
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:8.556mg/L TC:9.104mg/L IC:0.5484mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	350.3	9.104mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 07:58:27 PM

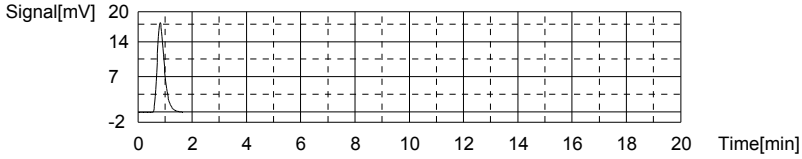
Mean Area 350.3
Mean Conc. 9.104mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	33.05	0.5484mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 08:03:14 PM

Mean Area 33.05
Mean Conc. 0.5484mg/L



Sample

Sample Name: L0706104-12 (15)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:20.83mg/L TC:21.38mg/L IC:0.5519mg/L

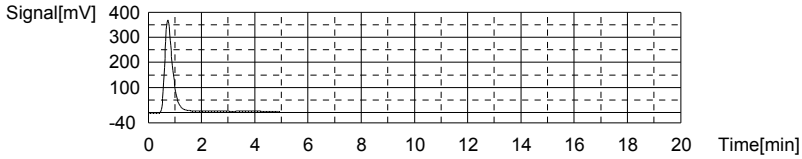
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	827.7	21.38mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 08:13:56 PM

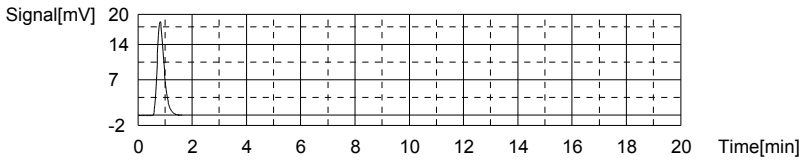
Mean Area 827.7
Mean Conc. 21.38mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	33.17	0.5519mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 08:18:44 PM

Mean Area 33.17
Mean Conc. 0.5519mg/L



Sample

Sample Name: L0706285-01 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

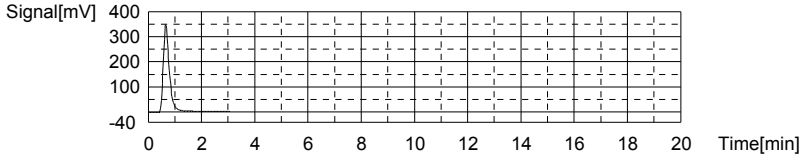
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:2.289mg/L TC:14.65mg/L IC:12.36mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	566.0	14.65mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 08:27:41 PM

Mean Area 566.0
Mean Conc. 14.65mg/L

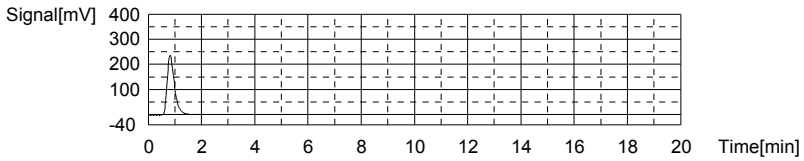


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	448.4	12.36mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 08:33:09 PM

Approved: June 20, 2007

Mean Area 448.4
Mean Conc. 12.36mg/L



Sample

Sample Name: L0706285-02
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

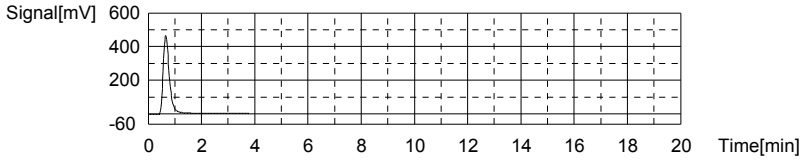
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:3.846mg/L TC:20.53mg/L IC:16.68mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	794.4	20.53mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 08:42:51 PM

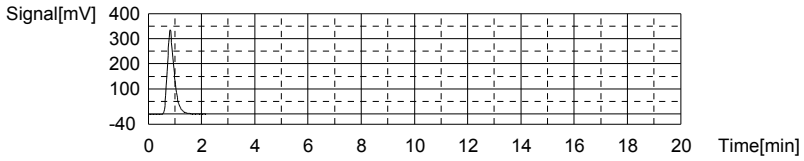
Mean Area 794.4
Mean Conc. 20.53mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	600.2	16.68mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 08:48:26 PM

Mean Area 600.2
Mean Conc. 16.68mg/L



Sample

Sample Name: L0706285-03
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:5.916mg/L TC:20.02mg/L IC:14.11mg/L

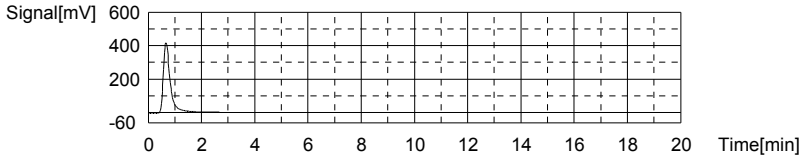
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	774.8	20.02mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 08:57:22 PM

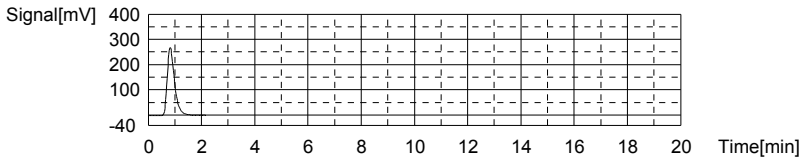
Mean Area 774.8
Mean Conc. 20.02mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	509.7	14.11mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 09:02:53 PM

Mean Area 509.7
Mean Conc. 14.11mg/L



Sample

Sample Name: L0706285-04
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

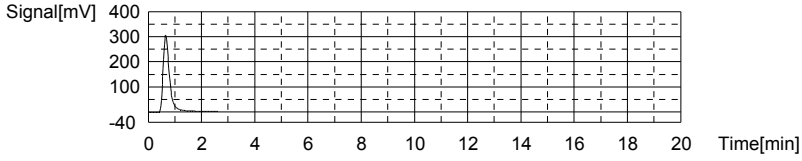
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.9955mg/L TC:13.52mg/L IC:12.52mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	521.9	13.52mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 09:11:30 PM

Mean Area 521.9
Mean Conc. 13.52mg/L

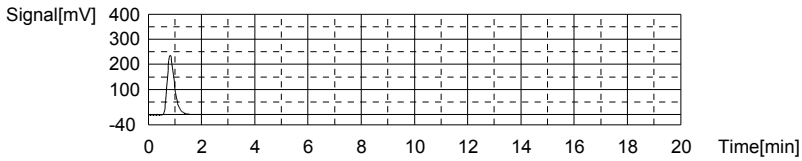


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	454.0	12.52mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 09:17:00 PM

Approved: June 20, 2007

Mean Area 454.0
Mean Conc. 12.52mg/L



Sample

Sample Name: L0703615-09
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

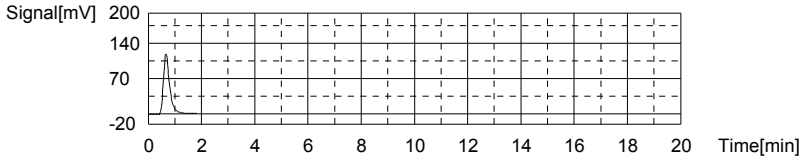
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:1.787mg/L TC:5.099mg/L IC:3.312mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	194.6	5.099mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 09:24:36 PM

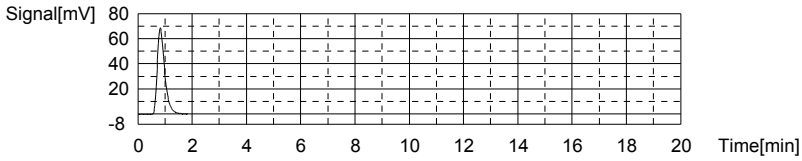
Mean Area 194.6
Mean Conc. 5.099mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	130.2	3.312mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 09:29:40 PM

Mean Area 130.2
Mean Conc. 3.312mg/L



Sample

Sample Name: L0706151-01 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:21.20mg/L TC:22.24mg/L IC:1.035mg/L

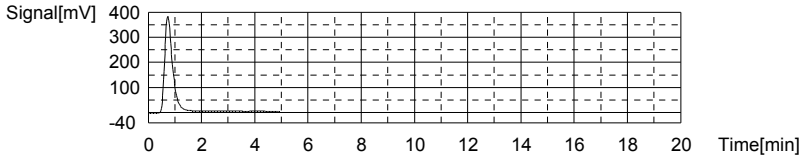
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	860.8	22.24mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 09:40:28 PM

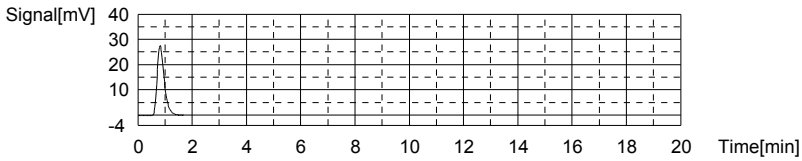
Mean Area 860.8
Mean Conc. 22.24mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	50.17	1.035mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 09:45:15 PM

Mean Area 50.17
Mean Conc. 1.035mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

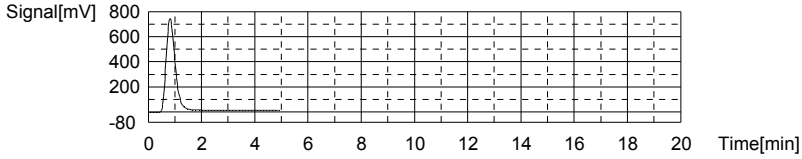
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:49.17mg/L TC:48.97mg/L IC:-0.2042mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1900	48.97mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 09:56:04 PM

Mean Area 1900
Mean Conc. 48.97mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.590	-0.2042mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 10:00:37 PM

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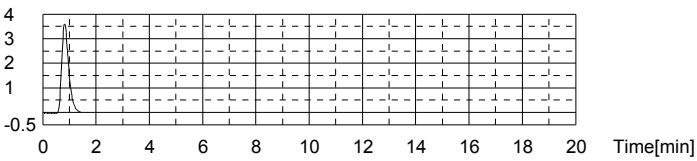
Approved: June 20, 2007

Mean Area 6.590
Mean Conc. -0.2042mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

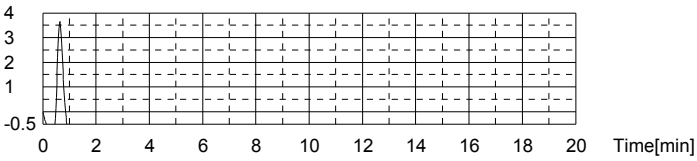
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4674mg/L TC:0.2789mg/L IC:-0.1885mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.211	0.2789mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 10:05:49 PM

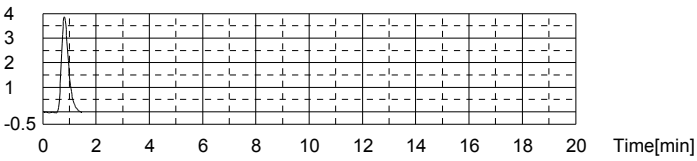
Mean Area 7.211
Mean Conc. 0.2789mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.143	-0.1885mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 10:10:01 PM

Mean Area 7.143
Mean Conc. -0.1885mg/L



Sample

Sample Name: L0706151-02 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:24.65mg/L TC:25.51mg/L IC:0.8517mg/L

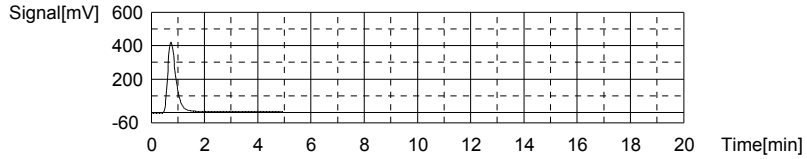
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	987.9	25.51mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 10:20:50 PM

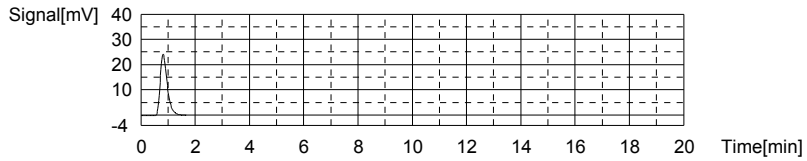
Mean Area 987.9
Mean Conc. 25.51mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	43.71	0.8517mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 10:25:47 PM

Mean Area 43.71
Mean Conc. 0.8517mg/L



Sample

Sample Name: L0706151-03 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

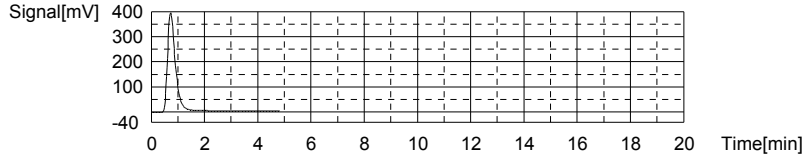
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:20.73mg/L TC:22.46mg/L IC:1.737mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	869.6	22.46mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 10:36:32 PM

Mean Area 869.6
Mean Conc. 22.46mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	74.83	1.737mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 10:41:31 PM

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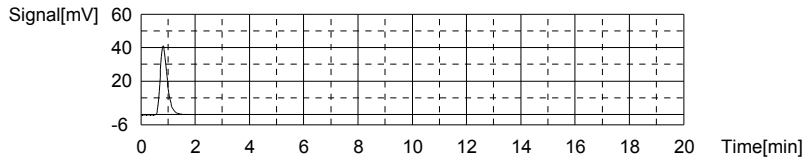
Mean Area 74.83
Mean Conc. 1.737mg/L



Sample

Sample Name: WG242614-05 (5) DUP
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

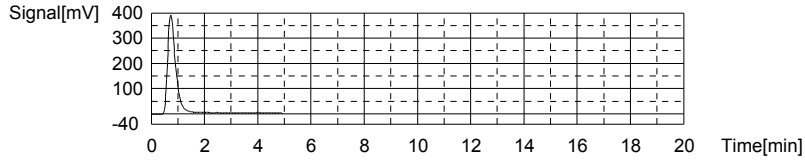
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:21.26mg/L TC:22.75mg/L IC:1.494mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	880.8	22.75mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 10:52:21 PM

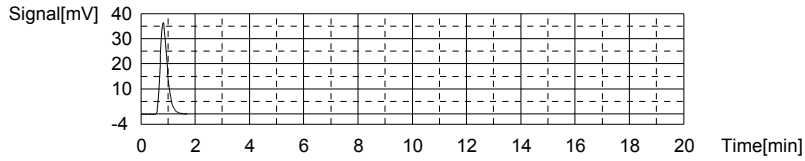
Mean Area 880.8
Mean Conc. 22.75mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	66.30	1.494mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 10:57:20 PM

Mean Area 66.30
Mean Conc. 1.494mg/L



Sample

Sample Name: WG242614-06 (5) MS
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:21.22mg/L TC:21.49mg/L IC:0.2685mg/L

Jeanna Roberts

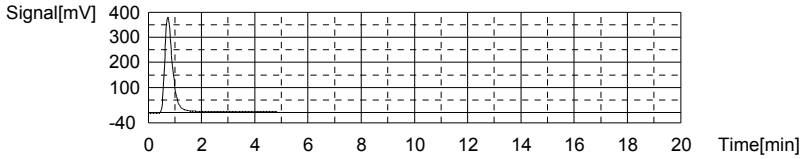
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	831.7	21.49mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 11:08:05 PM

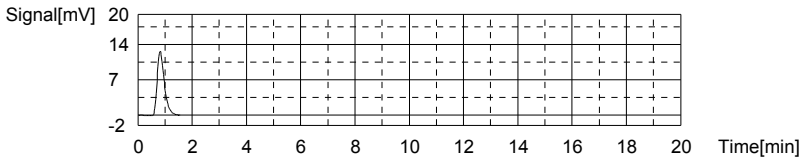
Mean Area 831.7
Mean Conc. 21.49mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	23.21	0.2685mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 11:12:45 PM

Mean Area 23.21
Mean Conc. 0.2685mg/L



Sample

Sample Name: WG242615-01 BLANK
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

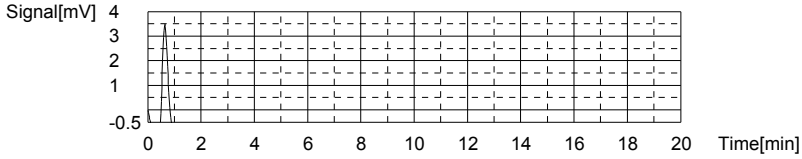
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4704mg/L TC:0.2808mg/L IC:-0.1896mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.284	0.2808mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 11:17:57 PM

Mean Area 7.284
Mean Conc. 0.2808mg/L

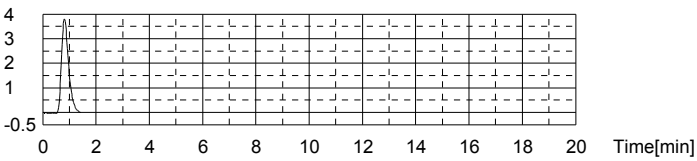


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.106	-0.1896mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 11:22:03 PM

Approved: June 20, 2007

Mean Area 7.106
Mean Conc. -0.1896mg/L



Sample

Sample Name: WG242615-02 LCS
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

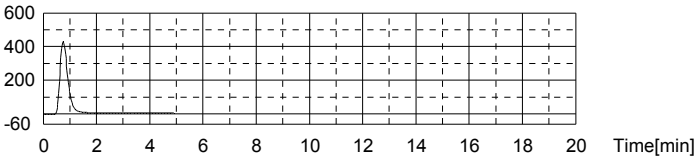
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:25.09mg/L TC:24.87mg/L IC:-0.2187mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	963.3	24.87mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 11:32:52 PM

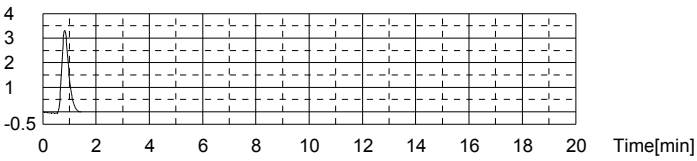
Mean Area 963.3
Mean Conc. 24.87mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.080	-0.2187mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 11:37:23 PM

Mean Area 6.080
Mean Conc. -0.2187mg/L



Sample

Sample Name: WG242615-03 LCSDUP
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:24.49mg/L TC:24.27mg/L IC:-0.2161mg/L

Jeanna Roberts

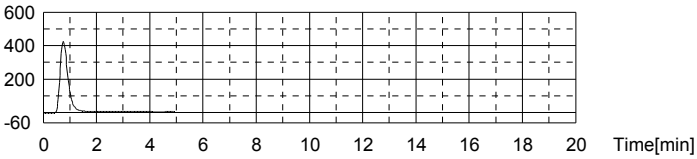
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	939.9	24.27mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/14/2007 11:48:13 PM

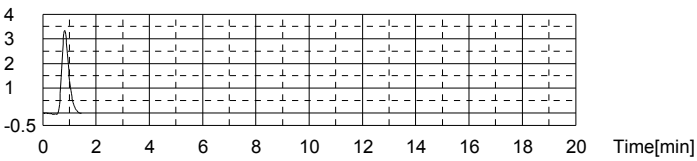
Mean Area 939.9
Mean Conc. 24.27mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.173	-0.2161mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/14/2007 11:52:46 PM

Mean Area 6.173
Mean Conc. -0.2161mg/L



Sample

Sample Name: L0706151-04 (10)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

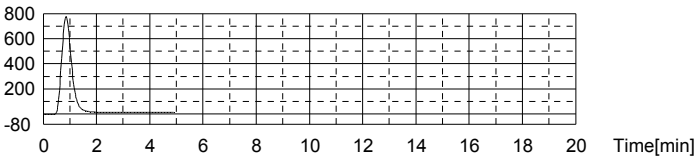
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:53.91mg/L TC:54.96mg/L IC:1.050mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2133	54.96mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 12:03:42 AM

Mean Area 2133
Mean Conc. 54.96mg/L

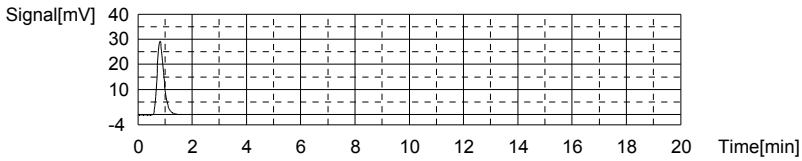


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	50.68	1.050mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 12:08:26 AM

Approved: June 20, 2007

Mean Area 50.68
Mean Conc. 1.050mg/L



Sample

Sample Name: L0706151-05 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

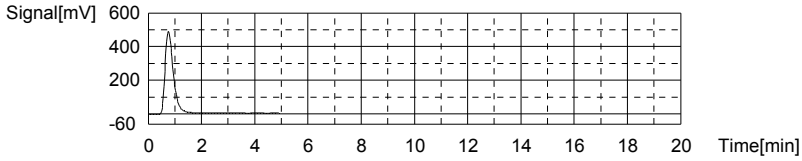
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:28.46mg/L TC:28.75mg/L IC:0.2859mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1114	28.75mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 12:19:16 AM

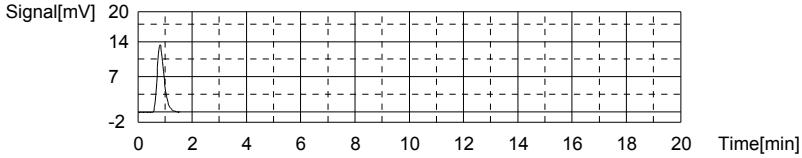
Mean Area 1114
Mean Conc. 28.75mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	23.82	0.2859mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 12:24:03 AM

Mean Area 23.82
Mean Conc. 0.2859mg/L



Sample

Sample Name: L0706151-06 (10)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:13.92mg/L TC:14.56mg/L IC:0.6389mg/L

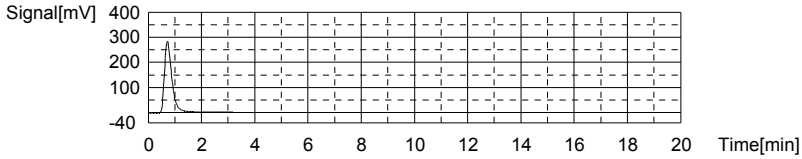
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	562.4	14.56mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 12:33:09 AM

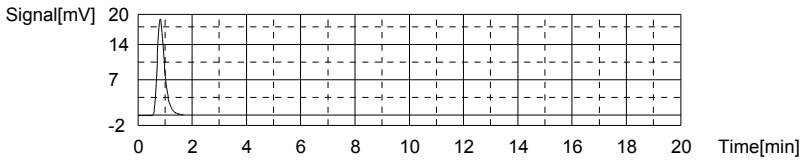
Mean Area 562.4
Mean Conc. 14.56mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	36.23	0.6389mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 12:38:06 AM

Mean Area 36.23
Mean Conc. 0.6389mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

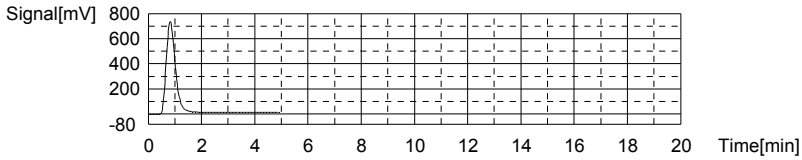
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:48.76mg/L TC:48.56mg/L IC:-0.2006mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1884	48.56mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 12:48:56 AM

Mean Area 1884
Mean Conc. 48.56mg/L

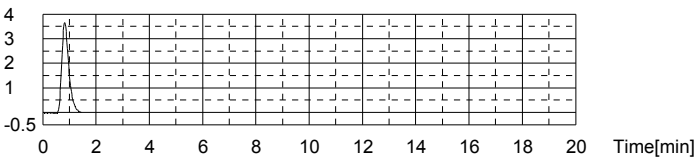


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.719	-0.2006mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 12:53:31 AM

Approved: June 20, 2007

Mean Area 6.719
Mean Conc. -0.2006mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

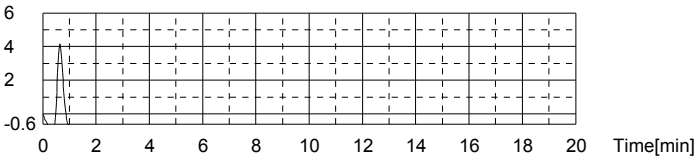
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4874mg/L TC:0.3013mg/L IC:-0.1860mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.082	0.3013mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 12:58:44 AM

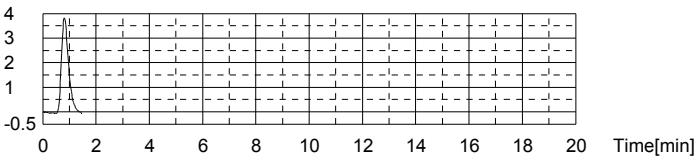
Mean Area 8.082
Mean Conc. 0.3013mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.230	-0.1860mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 01:02:54 AM

Mean Area 7.230
Mean Conc. -0.1860mg/L



Sample

Sample Name: L0706151-07 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:1.624mg/L TC:3.085mg/L IC:1.461mg/L

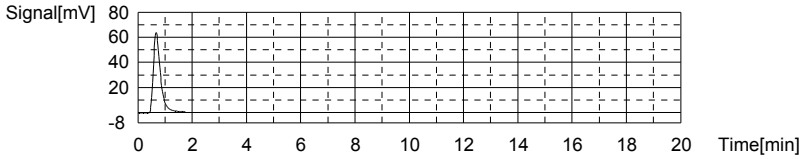
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	116.3	3.085mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 01:10:34 AM

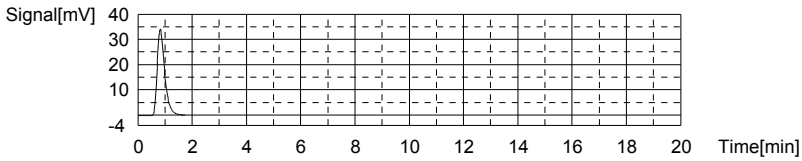
Mean Area 116.3
Mean Conc. 3.085mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	65.14	1.461mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 01:15:35 AM

Mean Area 65.14
Mean Conc. 1.461mg/L



Sample

Sample Name: L0706151-08 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

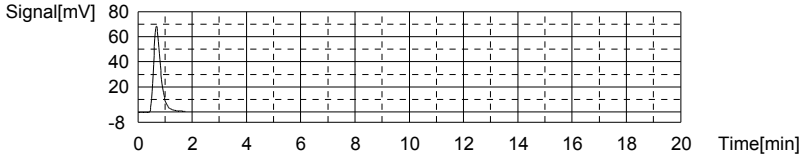
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:2.248mg/L TC:3.342mg/L IC:1.095mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	126.3	3.342mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 01:23:14 AM

Mean Area 126.3
Mean Conc. 3.342mg/L

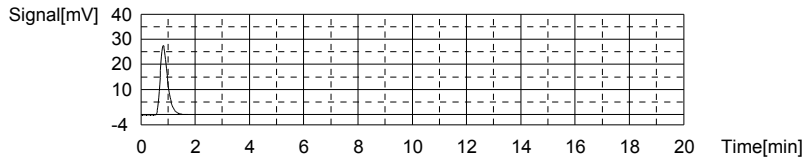


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	52.25	1.095mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 01:28:07 AM

Approved: June 20, 2007

Mean Area 52.25
Mean Conc. 1.095mg/L



Sample

Sample Name: L0706151-09 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

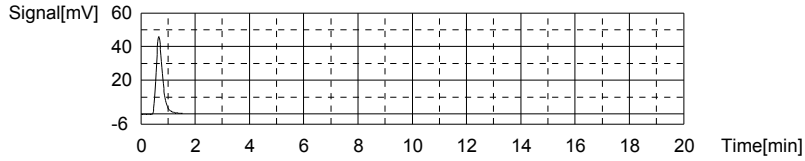
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:0.7666mg/L TC:2.048mg/L IC:1.282mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	76.00	2.048mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 01:35:34 AM

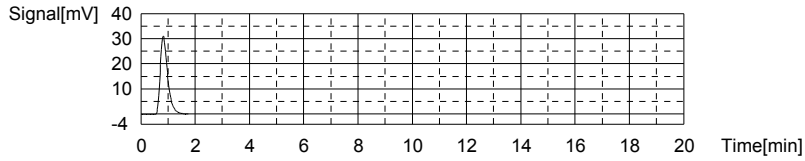
Mean Area 76.00
Mean Conc. 2.048mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	58.83	1.282mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 01:40:26 AM

Mean Area 58.83
Mean Conc. 1.282mg/L



Sample

Sample Name: L0706151-10 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:66.57mg/L TC:68.57mg/L IC:1.993mg/L

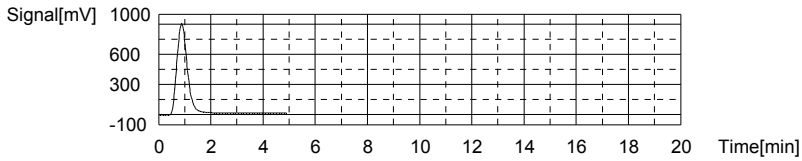
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2662	68.57mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 01:51:23 AM

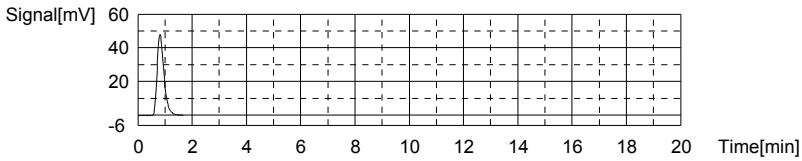
Mean Area 2662
Mean Conc. 68.57mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	83.83	1.993mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 01:56:20 AM

Mean Area 83.83
Mean Conc. 1.993mg/L



Sample

Sample Name: WG242615-05 (5) DUP
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

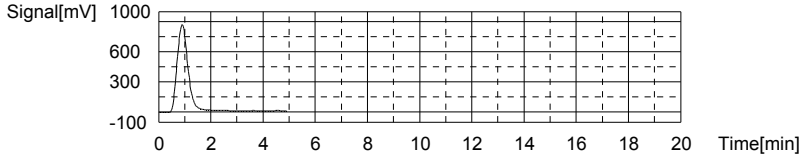
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:66.18mg/L TC:68.00mg/L IC:1.825mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2640	68.00mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 02:07:17 AM

Mean Area 2640
Mean Conc. 68.00mg/L

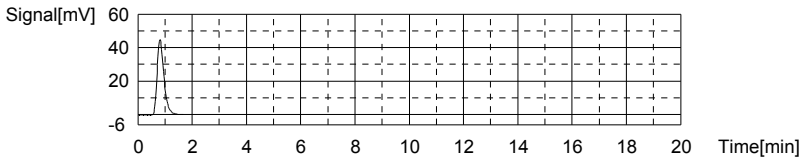


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	77.91	1.825mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 02:12:11 AM

Approved: June 20, 2007

Mean Area 77.91
Mean Conc. 1.825mg/L



Sample

Sample Name: L0706151-11 (5) MS
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

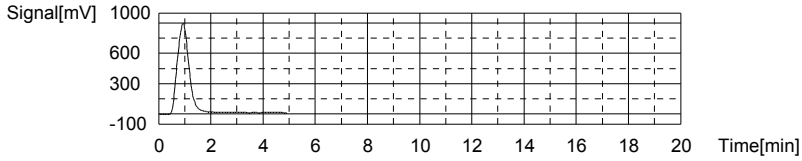
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:71.91mg/L TC:74.82mg/L IC:2.905mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2905	74.82mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 02:23:00 AM

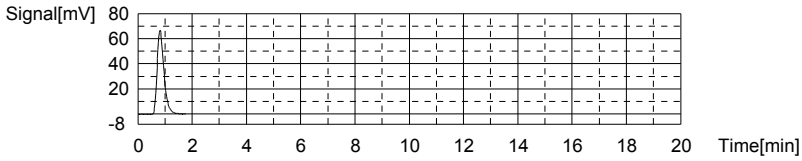
Mean Area 2905
Mean Conc. 74.82mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	115.9	2.905mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 02:28:11 AM

Mean Area 115.9
Mean Conc. 2.905mg/L



Sample

Sample Name: L0706151-12 (5) MSD
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:83.28mg/L TC:87.68mg/L IC:4.401mg/L

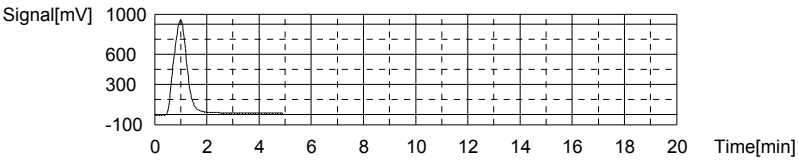
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3405	87.68mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 02:39:00 AM

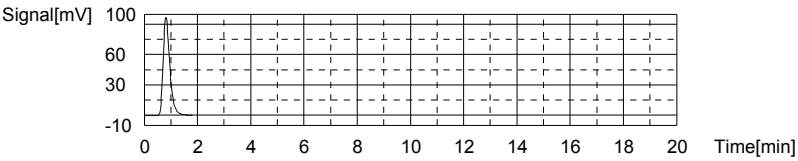
Mean Area 3405
Mean Conc. 87.68mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	168.5	4.401mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 02:44:05 AM

Mean Area 168.5
Mean Conc. 4.401mg/L



Sample

Sample Name: L0706151-13 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

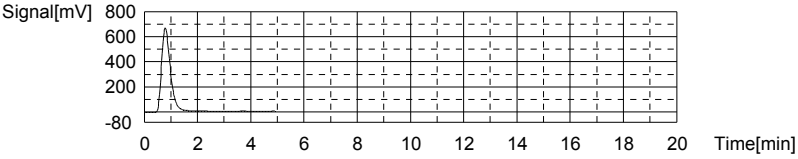
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:40.18mg/L TC:41.51mg/L IC:1.330mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1610	41.51mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 02:54:55 AM

Mean Area 1610
Mean Conc. 41.51mg/L

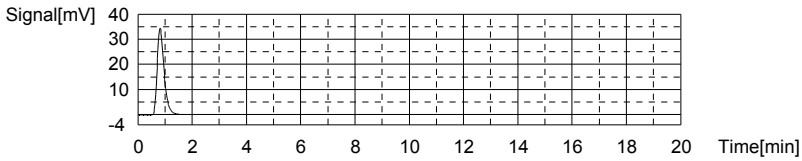


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	60.52	1.330mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 02:59:54 AM

Approved: June 20, 2007

Mean Area 60.52
Mean Conc. 1.330mg/L



Sample

Sample Name: L0706151-14 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

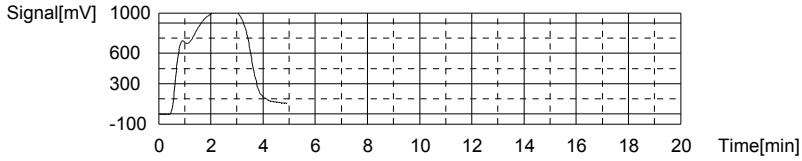
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:252.5mg/L TC:257.3mg/L IC:4.811mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9999	257.3mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 03:10:43 AM

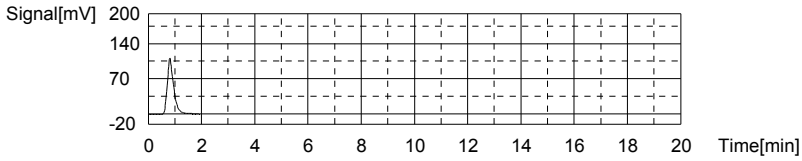
Mean Area 9999
Mean Conc. 257.3mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	182.9	4.811mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 03:16:05 AM

Mean Area 182.9
Mean Conc. 4.811mg/L



Sample

Sample Name: L0706151-15 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:2.782mg/L TC:3.491mg/L IC:0.7092mg/L

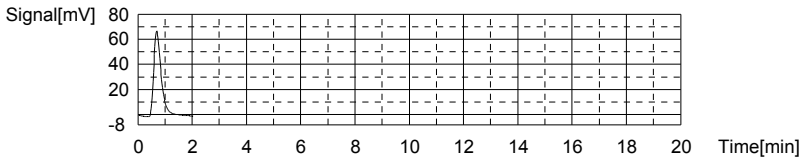
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	132.1	3.491mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 03:24:10 AM

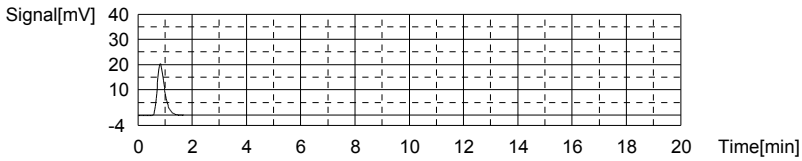
Mean Area 132.1
Mean Conc. 3.491mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	38.70	0.7092mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 03:29:07 AM

Mean Area 38.70
Mean Conc. 0.7092mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

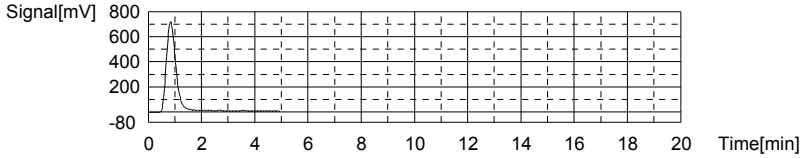
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:48.46mg/L TC:48.27mg/L IC:-0.1865mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1873	48.27mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 03:39:57 AM

Mean Area 1873
Mean Conc. 48.27mg/L

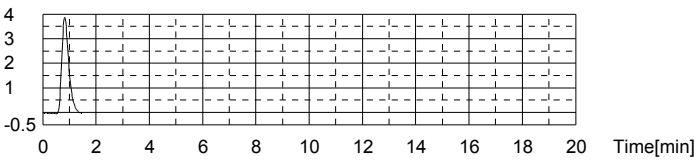


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.212	-0.1865mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 03:44:47 AM

Approved: June 20, 2007

Mean Area 7.212
Mean Conc. -0.1865mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

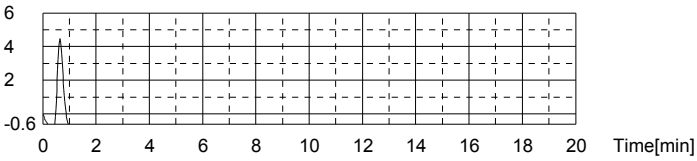
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.4950mg/L TC:0.3133mg/L IC:-0.1816mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.549	0.3133mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 03:50:01 AM

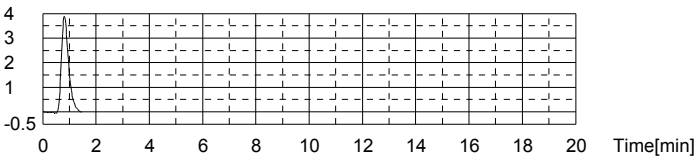
Mean Area 8.549
Mean Conc. 0.3133mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.384	-0.1816mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 03:54:10 AM

Mean Area 7.384
Mean Conc. -0.1816mg/L



Sample

Sample Name: L0706151-16 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:8.228mg/L TC:8.718mg/L IC:0.4901mg/L

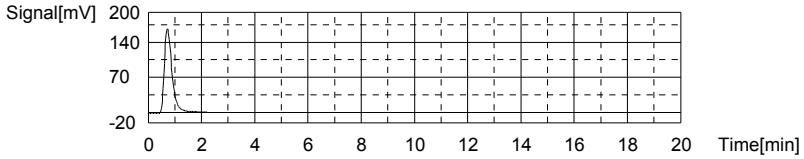
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	335.3	8.718mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 04:02:12 AM

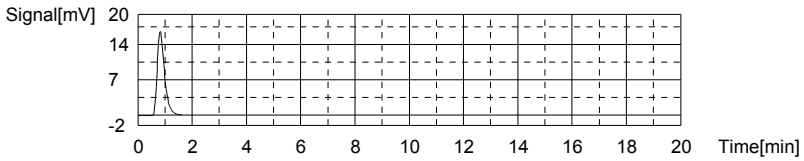
Mean Area 335.3
Mean Conc. 8.718mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	31.00	0.4901mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 04:07:14 AM

Mean Area 31.00
Mean Conc. 0.4901mg/L



Sample

Sample Name: L0706151-18 (5)
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

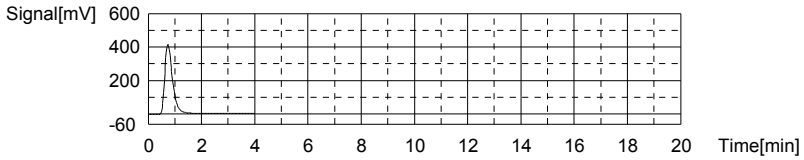
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:21.82mg/L TC:22.63mg/L IC:0.8130mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	876.3	22.63mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 04:17:08 AM

Mean Area 876.3
Mean Conc. 22.63mg/L

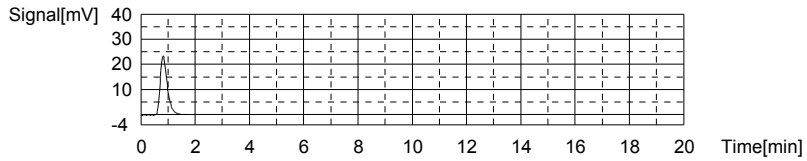


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	42.35	0.8130mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 04:22:16 AM

Approved: June 20, 2007

Mean Area 42.35
Mean Conc. 0.8130mg/L



Sample

Sample Name: L0706201-01
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

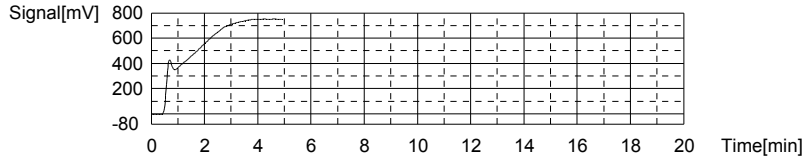
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:144.0mg/L TC:154.9mg/L IC:10.94mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6020	154.9mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 04:33:06 AM

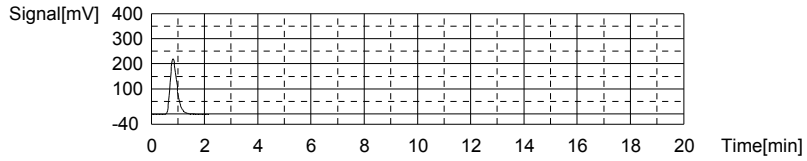
Mean Area 6020
Mean Conc. 154.9mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	398.3	10.94mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 04:38:56 AM

Mean Area 398.3
Mean Conc. 10.94mg/L



Sample

Sample Name: L0706201-02
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:144.3mg/L TC:189.9mg/L IC:45.58mg/L

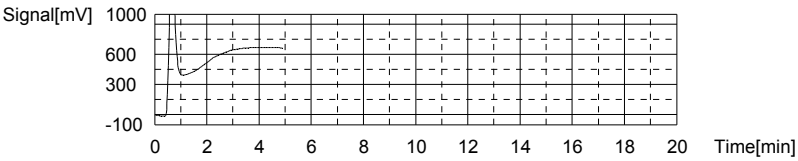
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7377	189.9mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 04:50:14 AM

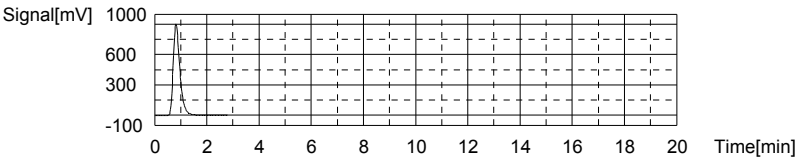
Mean Area 7377
Mean Conc. 189.9mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1616	45.58mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 04:57:35 AM

Mean Area 1616
Mean Conc. 45.58mg/L



Sample

Sample Name: L0706201-03
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

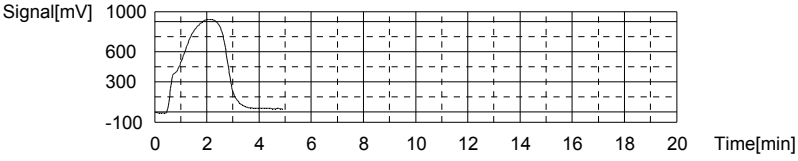
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:250.5mg/L TC:257.3mg/L IC:6.754mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9999	257.3mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 05:08:25 AM

Mean Area 9999
Mean Conc. 257.3mg/L

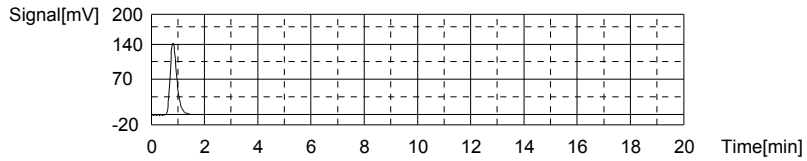


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	251.2	6.754mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 05:14:00 AM

Approved: June 20, 2007

Mean Area 251.2
Mean Conc. 6.754mg/L



Sample

Sample Name: L0706201-04
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

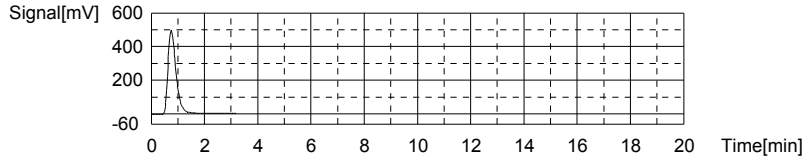
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:26.50mg/L TC:27.62mg/L IC:1.112mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1070	27.62mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 05:23:07 AM

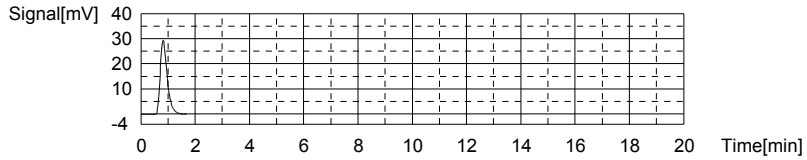
Mean Area 1070
Mean Conc. 27.62mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	52.87	1.112mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 05:28:13 AM

Mean Area 52.87
Mean Conc. 1.112mg/L



Sample

Sample Name: L0706201-05 MS
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:26.90mg/L TC:27.57mg/L IC:0.6702mg/L

Jeanna Roberts

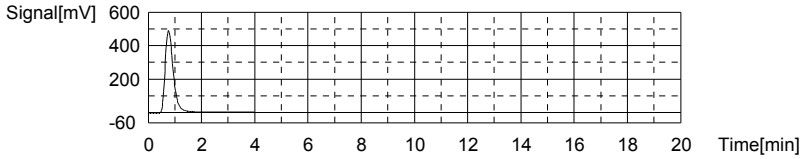
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1068	27.57mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 05:38:29 AM

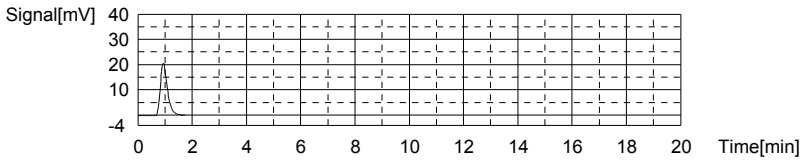
Mean Area 1068
Mean Conc. 27.57mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	37.33	0.6702mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 05:43:43 AM

Mean Area 37.33
Mean Conc. 0.6702mg/L



Sample

Sample Name: L0706201-06 MSD
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

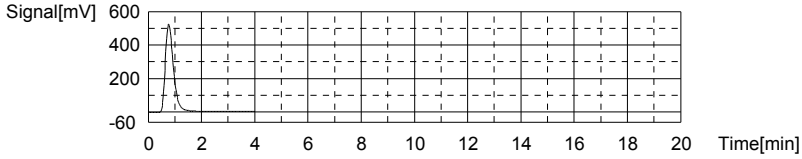
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	TOC:29.07mg/L TC:29.70mg/L IC:0.6346mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1151	29.70mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 05:53:38 AM

Mean Area 1151
Mean Conc. 29.70mg/L

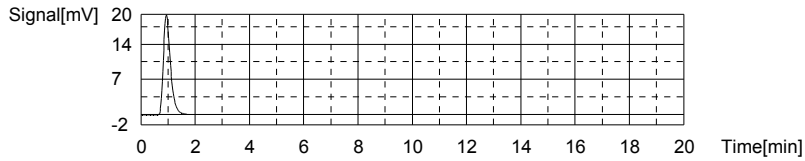


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	36.08	0.6346mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 05:58:52 AM

Approved: June 20, 2007

Mean Area 36.08
Mean Conc. 0.6346mg/L



Sample

Sample Name:
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

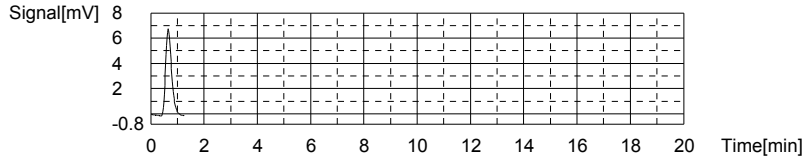
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.5158mg/L TC:0.3687mg/L IC:-0.1471mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	10.70	0.3687mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 06:06:11 AM

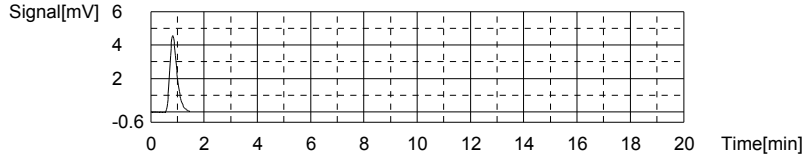
Mean Area 10.70
Mean Conc. 0.3687mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.598	-0.1471mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 06:10:56 AM

Mean Area 8.598
Mean Conc. -0.1471mg/L



Sample

Sample Name:
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.5541mg/L TC:0.4091mg/L IC:-0.1451mg/L

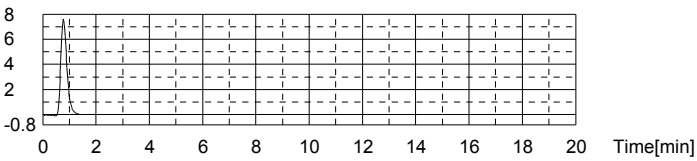
Approved: June 20, 2007

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	12.27	0.4091mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 06:18:46 AM

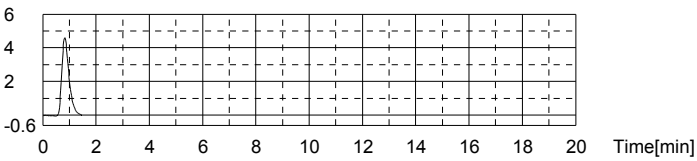
Mean Area 12.27
Mean Conc. 0.4091mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.670	-0.1451mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 06:23:59 AM

Mean Area 8.670
Mean Conc. -0.1451mg/L



Sample

Sample Name: CCV
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

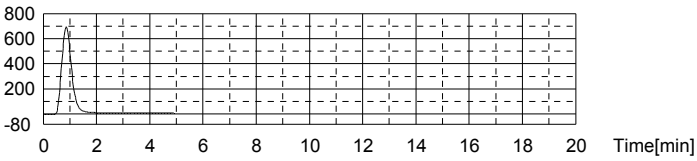
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:48.09mg/L TC:47.91mg/L IC:-0.1812mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1859	47.91mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 06:34:58 AM

Mean Area 1859
Mean Conc. 47.91mg/L

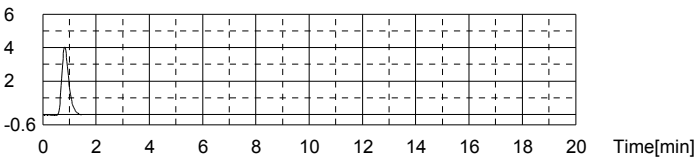


Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.401	-0.1812mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 06:39:43 AM

Approved: June 20, 2007

Mean Area 7.401
Mean Conc. -0.1812mg/L



Sample

Sample Name: CCB
Sample ID: <Untitled>
Origin: TOC-02-26-2007.met
Status Completed
Chk. Result

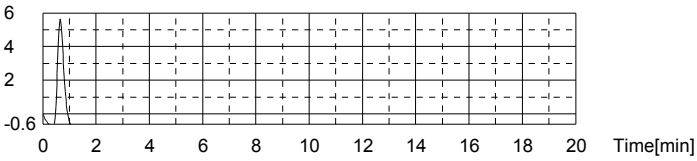
Type	Anal.	Dil.	Result
Unknown	TOC	1.000	!!Error!! TOC:0.5436mg/L TC:0.3705mg/L IC:-0.1731mg/L

1. Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	10.77	0.3705mg/L	500uL	1		TCCURVE-02-26-2007.2007_02_26_10_12_3	06/15/2007 06:45:06 AM

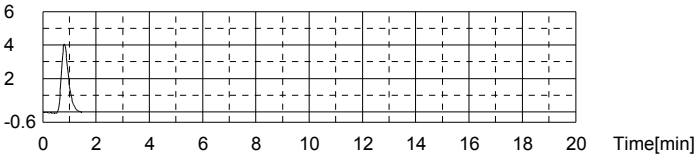
Mean Area 10.77
Mean Conc. 0.3705mg/L



Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.683	-0.1731mg/L	500uL	1		TICCURVE-02-26-2007.2007_02_26_10_59_1	06/15/2007 06:49:30 AM

Mean Area 7.683
Mean Conc. -0.1731mg/L



Approved: June 20, 2007

3.0 Attachments

Kemron Environmental Services
Analyst Listing
June 26, 2007

AJF – AMANDA J. FICKIESEN	AJM – ANTHONY J. MOSSBURG	ALB – ANNIE L. BOCK
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	CLC – CHRYS L. CRAWFORD	CLS – CARA L. STRICKLER
CLW – CHARISSA L. WINTERS	CM – CHARLIE MARTIN	CMS – CRYSTAL M. STEPHENS
CPD – CHAD P. DAVIS	CSH – CHRIS S. HILL	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	DST – DENNIS S. TEPE
ECL – ERIC C. LAWSON	ED – EMILY E. DECKER	ERE – ERIN R. ELDER
FJB – FRANCES J. BOLDEN	HAV – HEMA VILASAGAR	HJR – HOLLY J. REED
JAB – JUANITA A. BECKER	JAL – JOHN A. LENT	JKT – JANE K. THOMPSON
JLS – JANICE L. SCHIMMEL	JNB – JOSHUA N. BOOTH	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
KRV – KATHRINE R. VICKERS	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	MMB – MAREN M. BEERY
MRT – MICHELLE R. TAYLOR	MSW – MATT S. WILSON	NJB – NATALIE J. BOOTH
PJM – PAUL J. MILLER	RAH – ROY A. HALSTEAD	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
TDH – TRICIA D. HUCK	TMB – TIFFANY M. BAILEY	TMM – TAMMY M. MORRIS
VC – VICKI COLLIER	WFM – WALTER F. MARTIN	

KEMRON Environmental Services

List of Valid Qualifiers

June 26, 2007

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%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
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
ND,L	Not detected; sample reporting limit (RL) elevated due to interference
ND,S	Not detected; analyzed by method of standard addition (MSA)
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 (MSA)
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.

Chain of Custody

B276

NO. 10210

Shaw® Shaw Environmental & Infrastructure, Inc.
3010 Briarpark Drive, Suite 400
Houston, TX 77042
(713) 996-4400

Laboratory Name: KEMRON Address: 156 Starlite Dr. Marietta, OH 45750 Contact: STEPHANIE MOSSBERG

Project Name: LHAAP Site 16 Project Location: KARNACK, TX.

Project No.: 117591 Project Contact: Kay Everett Project Telephone No.: 713-996-4421

Point of Contact: Kay Everett Project Manager/Supervisor:

Telephone No.: 713-996-4421

Analysis and Method Desired (Indicate separate containers)

Item No.	Sample ~~Telephone~~ Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	VOC	Gases + Carbon Dioxide	TOC	Anions	Perchlorate	Alkalinity	Sulfide	Remarks
1	16WW13	6/12/07	8:40		✓	W	Groundwater, Site 16	11	3	3	1	1	1	1	1	
2	16WW13-FD	6/12/07	9:00		✓	W	Groundwater, Site 16	11	3	3	1	1	1	1	1	
3	16WW29	6/12/07	10:47		✓	W	Groundwater, Site 16	11	3	3	1	1	1	1	1	
4	16WW30	6/12/07	12:10		✓	W	Groundwater, Site 16	11	3	3	1	1	1	1	1	
5																
6																
7																
8																
9																
10																

Transfers Relinquished By (signature)	Date/Time	Transfers Accepted By (signature)	Date/Time	Special Instructions
Scott Beesinger	6/12/07 2:00	[signature]	6/13/07 0945	
				FedEx Airbill No.:
		Laboratory		Sampler's Signature: Scott Beesinger

TAT: ____ Standard ____ Rush Date ____ Seals Intact? ____ Y ____ N Received Good Condition ____ Y ____ N ____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

Form Number: 433_1
Rev. 03-19-07

KEMRON Environmental Services

SAMPLE RECEIPT FORM

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

Client:	SHAW
Workorder Number:	B2705
Date Received:	6-13-07
Delivered by:	( ) Fedx (✓) UPS ( ) Client ( ) Courier **Time:** 935
Opened by:	EQ
IR Temp Gun:	( ) D (✓) G
Logged by:	BLG L 6-28-5

Cooler information

Cooler ID	Temp C	Airbill#	COC#	Other
557	2	1Z4016632210066426	10210	Amions

Inspection Checklist	Y	N	NA	Discrepancy ID
Were shipping coolers sealed?	✓			
Were custody seals intact?	✓			
Were cooler temperatures in range of 0 - 6?	✓			
Was ice present?	✓			
Were COC's received/information complete/signed/dated?	✓			
Were sample containers and labels intact?	✓			
Were correct containers used?	✓			
Were correct preservatives used (water only)?	✓			
Were pH ranges acceptable?	✓			
Were VOA samples free of headspace?	✓			
Were samples received within EPA hold times?	✓			

Discrepancy/Comments/Other Problems

Distribution

Name of KEMRON representative
Client/Company:
Person Contacted:
Date contacted:

Resolution/other comments:

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706285
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 20-JUN-2007

Samplenum	Container ID	Products
L0706285-01	346815	826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Samplenum	Container ID	Products
L0706285-01	346817	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	SEM	15-JUN-2007 11:45	DSF	ERE
3	STORE	SEM	A1	21-JUN-2007 07:43	ERE	DSF

Samplenum	Container ID	Products
L0706285-03	346830	S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 08:22	TMB	DEL
3	STORE	WET	A1	14-JUN-2007 11:57	ERE	TMB

Samplenum	Container ID	Products
L0706285-04	346837	S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 08:22	TMB	DEL
3	STORE	WET	A1	14-JUN-2007 11:57	ERE	TMB

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706285
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 20-JUN-2007

Samplenum	Container ID	Products
L0706285-02	346826	ALK

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 10:43	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:12	DEL	DIH

Samplenum	Container ID	Products
L0706285-04	346841	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 13:36	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:13	DEL	DIH

Samplenum	Container ID	Products
L0706285-03	346829	826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Samplenum	Container ID	Products
L0706285-03	346831	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	SEM	15-JUN-2007 11:45	DSF	ERE
3	STORE	SEM	A1	21-JUN-2007 07:43	ERE	DSF

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706285
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 20-JUN-2007

Samplenum	Container ID	Products
L0706285-04	346839	RSK175EXT

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Samplenum	Container ID	Products
L0706285-01	346816	S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 08:22	TMB	DEL
3	STORE	WET	A1	14-JUN-2007 11:57	ERE	TMB

Samplenum	Container ID	Products
L0706285-02	346822	826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706285
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 20-JUN-2007

Samplenum	Container ID	Products
L0706285-04	346835	300

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	L1	13-JUN-2007 12:08	BRG	
2	ANALYZ	L1	SEM	13-JUN-2007 12:41	DSF	ERE
3	STORE	SEM	A1	14-JUN-2007 09:17	ERE	DSF

Samplenum	Container ID	Products
L0706285-01	346814	300

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	L1	13-JUN-2007 12:08	BRG	
2	ANALYZ	L1	SEM	13-JUN-2007 12:41	DSF	ERE
3	STORE	SEM	A1	14-JUN-2007 09:17	ERE	DSF

Samplenum	Container ID	Products
L0706285-02	346824	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	SEM	15-JUN-2007 11:45	DSF	ERE
3	STORE	SEM	A1	21-JUN-2007 07:43	ERE	DSF

Samplenum	Container ID	Products
L0706285-02	346827	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 13:36	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:13	DEL	DIH

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706285
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 20-JUN-2007

Samplenum	Container ID	Products
L0706285-03	346834	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 13:36	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:13	DEL	DIH

Samplenum	Container ID	Products
L0706285-04	346840	ALK

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 10:43	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:12	DEL	DIH

Samplenum	Container ID	Products
L0706285-02	346825	RSK175EXT

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Samplenum	Container ID	Products
L0706285-03	346828	300

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	L1	13-JUN-2007 12:08	BRG	
2	ANALYZ	L1	SEM	13-JUN-2007 12:41	DSF	ERE
3	STORE	SEM	A1	14-JUN-2007 09:17	ERE	DSF

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706285
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 20-JUN-2007

Samplenum	Container ID	Products
L0706285-03	346832	RSK175EXT

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Samplenum	Container ID	Products
L0706285-04	346836	826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:50	MRT	ERE

Samplenum	Container ID	Products
L0706285-01	346819	ALK

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 10:43	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:12	DEL	DIH

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706285
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 20-JUN-2007

Samplenum	Container ID	Products
L0706285-01	346820	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 15:21	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:13	DEL	DIH

Samplenum	Container ID	Products
L0706285-02	346823	S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 08:22	TMB	DEL
3	STORE	WET	A1	14-JUN-2007 11:57	ERE	TMB

Samplenum	Container ID	Products
L0706285-04	346838	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	SEM	15-JUN-2007 11:45	DSF	ERE
3	STORE	SEM	A1	21-JUN-2007 07:43	ERE	DSF

Samplenum	Container ID	Products
L0706285-01	346818	RSK175EXT

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-JUN-2007 12:08	BRG	
2	ANALYZ	V1	ORG4	14-JUN-2007 08:49	MRT	ERE

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0706285
Account: 2773
Project: 2773.025
Samples: 4
Due Date: 20-JUN-2007

Samplenum	Container ID	Products
L0706285-02	346821	300

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	L1	13-JUN-2007 12:08	BRG	
2	ANALYZ	L1	SEM	13-JUN-2007 12:41	DSF	ERE
3	STORE	SEM	A1	14-JUN-2007 09:17	ERE	DSF

Samplenum	Container ID	Products
L0706285-03	346833	ALK

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	13-JUN-2007 12:08	BRG	
2	ANALYZ	W1	WET	14-JUN-2007 10:43	DIH	ERE
3	STORE	WET	A1	15-JUN-2007 10:12	DEL	DIH

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

WORKGROUP SUMMARY BY METHOD

WORKGROUP SUMMARY BY METHOD

Analysis: Alkalinity, Total
Analytical Method: 310.2
Workgroup: WG242538

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/14/07 12:01	01	SMARTCHEM	DIH
L0706285-02	16WW13-FD			06/14/07 12:02	01	SMARTCHEM	DIH
L0706285-03	16WW29			06/14/07 12:02	01	SMARTCHEM	DIH
L0706285-04	16WW30			06/14/07 12:03	01	SMARTCHEM	DIH

Analysis: Alkalinity, Total
Extraction Method: 310.2
Workgroup: WG242538

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/14/07 12:01	01	SMARTCHEM	DIH
L0706285-02	16WW13-FD			06/14/07 12:02	01	SMARTCHEM	DIH
L0706285-03	16WW29			06/14/07 12:02	01	SMARTCHEM	DIH
L0706285-04	16WW30			06/14/07 12:03	01	SMARTCHEM	DIH

Analysis: Sulfide
Analytical Method: 376.1
Workgroup: WG242602

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/14/07 11:00		BURET	TMB
L0706285-02	16WW13-FD			06/14/07 11:00		BURET	TMB
L0706285-03	16WW29			06/14/07 11:00		BURET	TMB
L0706285-04	16WW30			06/14/07 11:00		BURET	TMB

Analysis: Sulfide
Extraction Method: 376.1
Workgroup: WG242602

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/14/07 11:00		BURET	TMB
L0706285-02	16WW13-FD			06/14/07 11:00		BURET	TMB
L0706285-03	16WW29			06/14/07 11:00		BURET	TMB
L0706285-04	16WW30			06/14/07 11:00		BURET	TMB

WORKGROUP SUMMARY BY METHOD

Analysis: Total Organic Carbon
Analytical Method: 415.1
Workgroup: WG242614

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/14/07 20:33	DL01	TOC-VWP	DIH
L0706285-02	16WW13-FD			06/14/07 20:48	DL01	TOC-VWP	DIH
L0706285-03	16WW29			06/14/07 21:02	01	TOC-VWP	DIH
L0706285-04	16WW30			06/14/07 21:17	01	TOC-VWP	DIH

Analysis: Total Organic Carbon
Extraction Method: 415.1
Workgroup: WG242614

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/14/07 20:33	DL01	TOC-VWP	DIH
L0706285-02	16WW13-FD			06/14/07 20:48	DL01	TOC-VWP	DIH
L0706285-03	16WW29			06/14/07 21:02	01	TOC-VWP	DIH
L0706285-04	16WW30			06/14/07 21:17	01	TOC-VWP	DIH

Analysis: Special List - 8260
Analytical Method: 8260B
Workgroup: WG242808

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/18/07 17:43	01	HPMS8	CMS
L0706285-02	16WW13-FD			06/18/07 18:13	01	HPMS8	CMS

Analysis: Special List - 8260
Extraction Method: 5030B
Workgroup: WG242808

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13				242808	HPMS8	CMS
L0706285-02	16WW13-FD				242808	HPMS8	CMS

WORKGROUP SUMMARY BY METHOD

Analysis: Common Anions
Analytical Method: 300.0
Workgroup: WG242818

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/13/07 12:59	DL01	IC2	DSF
L0706285-01	16WW13			06/13/07 15:53	DL02	IC2	DSF
L0706285-02	16WW13-FD			06/13/07 13:17	DL01	IC2	DSF
L0706285-02	16WW13-FD			06/13/07 16:11	DL02	IC2	DSF
L0706285-03	16WW29			06/13/07 14:09	DL01	IC2	DSF
L0706285-03	16WW29			06/13/07 16:28	DL02	IC2	DSF
L0706285-04	16WW30			06/13/07 14:26	DL01	IC2	DSF
L0706285-04	16WW30			06/13/07 16:46	DL02	IC2	DSF

Analysis: Common Anions
Extraction Method: METHOD
Workgroup: WG242818

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13		06/13/07 08:19			FILTER	DSF
L0706285-02	16WW13-FD		06/13/07 08:19			FILTER	DSF
L0706285-03	16WW29		06/13/07 08:19			FILTER	DSF
L0706285-04	16WW30		06/13/07 08:19			FILTER	DSF

Analysis: Dissolved Gases - Special List
Analytical Method: RSK175
Workgroup: WG242838

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/18/07 14:20	DL01	HP16	FJB
L0706285-02	16WW13-FD			06/18/07 14:34	DL01	HP16	FJB
L0706285-03	16WW29			06/18/07 14:48	DL01	HP16	FJB
L0706285-04	16WW30			06/18/07 15:02	DL01	HP16	FJB

Analysis: Dissolved Gases - Special List
Extraction Method: 5021
Workgroup: WG242838

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13				242838	HP16	FJB
L0706285-02	16WW13-FD				242838	HP16	FJB
L0706285-03	16WW29				242838	HP16	FJB
L0706285-04	16WW30				242838	HP16	FJB

WORKGROUP SUMMARY BY METHOD

Analysis: Perchlorate
Analytical Method: 314.0
Workgroup: WG242920

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/18/07 15:40	DL01	IC1	DSF
L0706285-02	16WW13-FD			06/18/07 16:00	DL01	IC1	DSF
L0706285-03	16WW29			06/18/07 16:21	DL01	IC1	DSF
L0706285-04	16WW30			06/18/07 16:41	DL01	IC1	DSF

Analysis: Perchlorate
Extraction Method: 314.0
Workgroup: WG242920

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13		06/18/07 14:39			FILTER	DSF
L0706285-02	16WW13-FD		06/18/07 14:39			FILTER	DSF
L0706285-03	16WW29		06/18/07 14:39			FILTER	DSF
L0706285-04	16WW30		06/18/07 14:39			FILTER	DSF

Analysis: Special List - 8260
Analytical Method: 8260B
Workgroup: WG242929

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-03	16WW29			06/19/07 16:02	01	HPMS10	MES
L0706285-04	16WW30			06/19/07 16:33	01	HPMS10	MES

Analysis: Special List - 8260
Extraction Method: 5030B
Workgroup: WG242929

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-03	16WW29				242929	HPMS10	MES
L0706285-04	16WW30				242929	HPMS10	MES

WORKGROUP SUMMARY BY METHOD

Analysis: Special List - 8260
Analytical Method: 8260B
Workgroup: WG242966

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/19/07 19:31	DL01	HPMS6	CMS
L0706285-02	16WW13-FD			06/19/07 20:03	DL01	HPMS6	CMS

Analysis: Special List - 8260
Extraction Method: 5030B
Workgroup: WG242966

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13				242966	HPMS6	CMS
L0706285-02	16WW13-FD				242966	HPMS6	CMS

Analysis: Dissolved Gases - Special List
Extraction Method: 5021
Workgroup: WG243057

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13				243057	HP16	FJB
L0706285-02	16WW13-FD				243057	HP16	FJB
L0706285-03	16WW29				243057	HP16	FJB
L0706285-04	16WW30				243057	HP16	FJB

Analysis: Dissolved Gases - Special List
Analytical Method: RSK175
Workgroup: WG243224

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13			06/22/07 10:23	DL02	HP16	FJB
L0706285-02	16WW13-FD			06/22/07 10:37	DL02	HP16	FJB
L0706285-03	16WW29			06/22/07 10:51	DL02	HP16	FJB
L0706285-04	16WW30			06/22/07 11:05	DL02	HP16	FJB

WORKGROUP SUMMARY BY METHOD

Analysis: Dissolved Gases - Special List
Extraction Method: 5021
Workgroup: WG243224

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706285-01	16WW13				243224	HP16	FJB
L0706285-02	16WW13-FD				243224	HP16	FJB
L0706285-03	16WW29				243224	HP16	FJB
L0706285-04	16WW30				243224	HP16	FJB

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

Laboratory Report Number: L0710370

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

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

Annie Brown - Client Services Specialist
abrown@kemron-lab.com

Stephanie Mossburg - Team Chemist/Data Specialist
smossburg@kemron-lab.com

Katie Barnes - Team Assistant
kbarnes@kemron-lab.com

Brenda Gregory - Client Services Specialist
bgregory@kemron-lab.com

Jacqueline Parsons - Team Assistant
jparsons@kemron-lab.com

This report was reviewed on October 18, 2007.

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 18, 2007.

David E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 131 pages.

Protecting Our Environmental Future

KEMRON REPORT L0710370
PREPARED FOR Shaw E I, Inc.
WORK ID: LONGHORN AAP KARNACK TX

1.0 Introduction

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0710370

CHAIN OF CUSTODY: The chain of custody number was 10226.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 5 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: 18-OCT-07
Stephanie Mossburg

Laboratory Data Package Cover Page

00086067

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 17, 2007
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:	L0710370
Project Name:	798-LONGHORN
Method:	8260B
Prep Batch Number(s):	WG252772, WG252939, WG252785
Reviewer Name:	MIKE D. ALBERTSON
LRC Date:	October 17, 2007

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?		✓			2
Was the ICAL curve verified for each analyte?		✓			1
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) Vinyl acetate exceeded the upper control limit in the alternate source analyzed 09/12/07 on HPMS-6. Dichlorodifluoromethane and vinyl acetate exceeded the upper control limits in the alternate source analyzed 09/25/07 on HPMS-8.

2) Vinyl acetate was below the lower control limit in the CCV analyzed 10/13/07 on HPMS-6.

Footnotes:

(1) NA = Not applicable to method or project

(2) NR = Not reviewed

(3) ER# = Exception report number

Laboratory Data Package Cover Page

00086071

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.

ERIC C. LAWSON			October 17, 2007
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:	L0710370
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG253071
Reviewer Name:	ERIC C. LAWSON
LRC Date:	October 17, 2007

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?	✓				2
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?	✓				3
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:	L0710370
Project Name:	798-LONGHORN
Method:	314
Prep Batch Number(s):	WG253071
Reviewer Name:	ERIC C. LAWSON
LRC Date:	October 17, 2007

EXCEPTIONS REPORT
ER# - Description
2. Samples -01, -02 and -03 were re-analyzed at significant dilutions to verify the presence of a perchlorate peak. Upon further investigation, a peak in the retention time vicinity did not appear to be perchlorate due to shape and comparison to CCV retention times.
3. Samples -01, -02 and -03 were analyzed at a dilution only due to high conductivity readings.

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

2.1 Volatiles Data

2.1.1 Volatiles GCMS Data (8260)

2.1.1.1 Summary Data

KEMRON ENVIRONMENTAL SERVICES
GC/MS VOLATILE ORGANICS

KEMRON Login No.: L0710370

METHOD

Preparation: SW-846 5030B

Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.

Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded normally.

CALIBRATION

Initial Calibration: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: Vinyl acetate exceeded the upper control limit in the alternate source analyzed 09/12/07 on HPMS-6. Dichlorodifluoromethane and vinyl acetate exceeded the upper control limits in the alternate source analyzed 09/25/07 on HPMS-8. All other acceptance criteria were met.

Continuing Calibration and Tune: Vinyl acetate was below the lower control limit in the CCV analyzed 10/13/07 on HPMS-6. All other acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.

Laboratory Control Sample: All acceptance criteria were met.

Matrix Spike: The MS/MSD results were not associated with this sample delivery group (SDG), due to insufficient volume of sample. The laboratory included an LCS and LCS duplicate in the preparation batch in lieu of the NELAC prescribed MS/MSD. Kemron recommends site specific MS/MSD samples to avoid possible data qualifications.

SAMPLES

Internal Standards: All acceptance criteria were met.

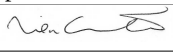
Surrogates: All acceptance criteria were met.

Samples: Sample 02 required a dilution analysis.

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.

Analyst: CMS

Approved: 17-OCT-07



LABORATORY REPORT

00086081

L0710370

10/18/07 14:21

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP

P.O. Number: 322255 OP

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW40-101007	L0710370-01	8260B	10	12-OCT-07
16WW12-101107	L0710370-02	8260B	25	12-OCT-07
16WW12-101107	L0710370-02	8260B	100	12-OCT-07
16WW39-101107	L0710370-03	8260B	25	12-OCT-07

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086082

Sample Number: **L0710370-01**
Client ID: **16WW40-101007**
Matrix: **Water**
Workgroup Number: **WG252785**
Collect Date: **10/11/2007 09:30**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **10**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **10/14/2007 14:01**
Cal Date: **09/25/2007 21:35**
Run Date: **10/14/2007 14:01**
File ID: **8M340649**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Acetone	67-64-1		U	100	25.0
Benzene	71-43-2		U	10.0	1.25
Bromobenzene	108-86-1		U	10.0	1.25
Bromochloromethane	74-97-5		U	10.0	2.00
Bromodichloromethane	75-27-4		U	10.0	2.50
Bromoform	75-25-2		U	10.0	5.00
Bromomethane	74-83-9		U	10.0	5.00
2-Butanone	78-93-3		U	100	25.0
n-Butylbenzene	104-51-8		U	10.0	2.50
sec-Butylbenzene	135-98-8		U	10.0	2.50
tert-Butylbenzene	98-06-6		U	10.0	2.50
Carbon disulfide	75-15-0		U	10.0	5.00
Carbon tetrachloride	56-23-5		U	10.0	2.50
Chlorobenzene	108-90-7		U	10.0	1.25
Chlorodibromomethane	124-48-1		U	10.0	2.50
Chloroethane	75-00-3		U	10.0	5.00
2-Chloroethyl vinyl ether	110-75-8		U	100	20.0
Chloroform	67-66-3		U	10.0	1.25
Chloromethane	74-87-3		U	10.0	2.50
2-Chlorotoluene	95-49-8		U	10.0	1.25
4-Chlorotoluene	106-43-4		U	10.0	2.50
1,2-Dibromo-3-chloropropane	96-12-8		U	50.0	10.0
1,2-Dibromoethane	106-93-4		U	10.0	2.50
Dibromomethane	74-95-3		U	10.0	2.50
1,2-Dichlorobenzene	95-50-1		U	10.0	1.25
1,3-Dichlorobenzene	541-73-1		U	10.0	2.50
1,4-Dichlorobenzene	106-46-7		U	10.0	1.25
Dichlorodifluoromethane	75-71-8		U	10.0	2.50
1,1-Dichloroethane	75-34-3		U	10.0	1.25
1,2-Dichloroethane	107-06-2	7.37	J	10.0	2.50
1,1-Dichloroethene	75-35-4		U	10.0	5.00
cis-1,2-Dichloroethene	156-59-2	36.8		10.0	2.50
trans-1,2-Dichloroethene	156-60-5		U	10.0	2.50
1,2-Dichloropropane	78-87-5		U	10.0	2.00
1,3-Dichloropropane	142-28-9		U	10.0	2.00
2,2-Dichloropropane	594-20-7		U	10.0	2.50
cis-1,3-Dichloropropene	10061-01-5		U	10.0	2.50
trans-1,3-Dichloropropene	10061-02-6		U	10.0	5.00
1,1-Dichloropropene	563-58-6		U	10.0	2.50
Ethylbenzene	100-41-4		U	10.0	2.50
2-Hexanone	591-78-6		U	100	25.0
Hexachlorobutadiene	87-68-3		U	10.0	2.50
Isopropylbenzene	98-82-8		U	10.0	2.50
p-Isopropyltoluene	99-87-6		U	10.0	2.50
4-Methyl-2-pentanone	108-10-1		U	100	25.0
Methylene chloride	75-09-2		U	50.0	2.50
Naphthalene	91-20-3		U	10.0	2.00
n-Propylbenzene	103-65-1		U	10.0	1.25

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086083

Sample Number: **L0710370-01**
Client ID: **16WW40-101007**
Matrix: **Water**
Workgroup Number: **WG252785**
Collect Date: **10/11/2007 09:30**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **10**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **10/14/2007 14:01**
Cal Date: **09/25/2007 21:35**
Run Date: **10/14/2007 14:01**
File ID: **8M340649**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Styrene	100-42-5		U	10.0	1.25
1,1,1,2-Tetrachloroethane	630-20-6		U	10.0	2.50
1,1,2,2-Tetrachloroethane	79-34-5		U	10.0	1.25
Tetrachloroethene	127-18-4		U	10.0	2.50
Toluene	108-88-3		U	10.0	2.50
1,2,3-Trichlorobenzene	87-61-6		U	10.0	1.25
1,2,4-Trichlorobenzene	120-82-1		U	10.0	2.00
1,1,1-Trichloroethane	71-55-6		U	10.0	2.50
1,1,2-Trichloroethane	79-00-5		U	10.0	2.50
Trichloroethene	79-01-6	1060		10.0	2.50
Trichlorofluoromethane	75-69-4		U	10.0	2.50
1,2,3-Trichloropropane	96-18-4		U	10.0	5.00
1,2,4-Trimethylbenzene	95-63-6		U	10.0	2.50
1,3,5-Trimethylbenzene	108-67-8		U	10.0	2.50
Vinyl acetate	108-05-4		U	100	25.0
Vinyl chloride	75-01-4		U	10.0	2.50
o-Xylene	95-47-6		U	10.0	2.50
m-,p-Xylene	136777-61-2		U	10.0	5.00

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	109	86	118	
1,2-Dichloroethane-d4	112	80	120	
Toluene-d8	105	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

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086084

Sample Number: **L0710370-02**
Client ID: **16WW12-101107**
Matrix: **Water**
Workgroup Number: **WG252772**
Collect Date: **10/11/2007 01:10**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **25**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **10/14/2007 00:38**
Cal Date: **09/12/2007 17:13**
Run Date: **10/14/2007 00:38**
File ID: **6M69940**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Acetone	67-64-1		U	250	62.5
Benzene	71-43-2		U	25.0	3.13
Bromobenzene	108-86-1		U	25.0	3.13
Bromochloromethane	74-97-5		U	25.0	5.00
Bromodichloromethane	75-27-4		U	25.0	6.25
Bromoform	75-25-2		U	25.0	12.5
Bromomethane	74-83-9		U	25.0	12.5
2-Butanone	78-93-3		U	250	62.5
n-Butylbenzene	104-51-8		U	25.0	6.25
sec-Butylbenzene	135-98-8		U	25.0	6.25
tert-Butylbenzene	98-06-6		U	25.0	6.25
Carbon disulfide	75-15-0		U	25.0	12.5
Carbon tetrachloride	56-23-5		U	25.0	6.25
Chlorobenzene	108-90-7		U	25.0	3.13
Chlorodibromomethane	124-48-1		U	25.0	6.25
Chloroethane	75-00-3		U	25.0	12.5
2-Chloroethyl vinyl ether	110-75-8		U	250	50.0
Chloroform	67-66-3		U	25.0	3.13
Chloromethane	74-87-3		U	25.0	6.25
2-Chlorotoluene	95-49-8		U	25.0	3.13
4-Chlorotoluene	106-43-4		U	25.0	6.25
1,2-Dibromo-3-chloropropane	96-12-8		U	125	25.0
1,2-Dibromoethane	106-93-4		U	25.0	6.25
Dibromomethane	74-95-3		U	25.0	6.25
1,2-Dichlorobenzene	95-50-1		U	25.0	3.13
1,3-Dichlorobenzene	541-73-1		U	25.0	6.25
1,4-Dichlorobenzene	106-46-7		U	25.0	3.13
Dichlorodifluoromethane	75-71-8		U	25.0	6.25
1,1-Dichloroethane	75-34-3		U	25.0	3.13
1,2-Dichloroethane	107-06-2	21.2	J	25.0	6.25
1,1-Dichloroethene	75-35-4		U	25.0	12.5
cis-1,2-Dichloroethene	156-59-2	90.3		25.0	6.25
trans-1,2-Dichloroethene	156-60-5		U	25.0	6.25
1,2-Dichloropropane	78-87-5		U	25.0	5.00
1,3-Dichloropropane	142-28-9		U	25.0	5.00
2,2-Dichloropropane	594-20-7		U	25.0	6.25
cis-1,3-Dichloropropene	10061-01-5		U	25.0	6.25
trans-1,3-Dichloropropene	10061-02-6		U	25.0	12.5
1,1-Dichloropropene	563-58-6		U	25.0	6.25
Ethylbenzene	100-41-4		U	25.0	6.25
2-Hexanone	591-78-6		U	250	62.5
Hexachlorobutadiene	87-68-3		U	25.0	6.25
Isopropylbenzene	98-82-8		U	25.0	6.25
p-Isopropyltoluene	99-87-6		U	25.0	6.25
4-Methyl-2-pentanone	108-10-1		U	250	62.5
Methylene chloride	75-09-2	10.8	J	125	6.25
Naphthalene	91-20-3		U	25.0	5.00
n-Propylbenzene	103-65-1		U	25.0	3.13

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086085

Sample Number: **L0710370-02**
Client ID: **16WW12-101107**
Matrix: **Water**
Workgroup Number: **WG252772**
Collect Date: **10/11/2007 01:10**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **MES**
Dilution: **25**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **10/14/2007 00:38**
Cal Date: **09/12/2007 17:13**
Run Date: **10/14/2007 00:38**
File ID: **6M69940**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Styrene	100-42-5		U	25.0	3.13
1,1,1,2-Tetrachloroethane	630-20-6		U	25.0	6.25
1,1,2,2-Tetrachloroethane	79-34-5		U	25.0	3.13
Tetrachloroethene	127-18-4		U	25.0	6.25
Toluene	108-88-3		U	25.0	6.25
1,2,3-Trichlorobenzene	87-61-6		U	25.0	3.13
1,2,4-Trichlorobenzene	120-82-1		U	25.0	5.00
1,1,1-Trichloroethane	71-55-6		U	25.0	6.25
1,1,2-Trichloroethane	79-00-5		U	25.0	6.25
Trichloroethene	79-01-6	5640	I	25.0	6.25
Trichlorofluoromethane	75-69-4		U	25.0	6.25
1,2,3-Trichloropropane	96-18-4		U	25.0	12.5
1,2,4-Trimethylbenzene	95-63-6		U	25.0	6.25
1,3,5-Trimethylbenzene	108-67-8		U	25.0	6.25
Vinyl acetate	108-05-4		U	250	62.5
Vinyl chloride	75-01-4	22.7	J	25.0	6.25
o-Xylene	95-47-6		U	25.0	6.25
m-,p-Xylene	136777-61-2		U	25.0	12.5

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	104	86	118	
1,2-Dichloroethane-d4	107	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	103	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)

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086086

Sample Number: **L0710370-02**
Client ID: **16WW12-101107**
Matrix: **Water**
Workgroup Number: **WG252785**
Collect Date: **10/11/2007 01:10**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **10/14/2007 13:31**
Cal Date: **09/25/2007 21:35**
Run Date: **10/14/2007 13:31**
File ID: **8M340648**

Analyte	CAS. Number	Result	Qual	PQL	SDL
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
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		U	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	101		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		U	500	25.0
Naphthalene	91-20-3		U	100	20.0
n-Propylbenzene	103-65-1		U	100	12.5

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086087

Sample Number: **L0710370-02**
Client ID: **16WW12-101107**
Matrix: **Water**
Workgroup Number: **WG252785**
Collect Date: **10/11/2007 01:10**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **100**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **10/14/2007 13:31**
Cal Date: **09/25/2007 21:35**
Run Date: **10/14/2007 13:31**
File ID: **8M340648**

Analyte	CAS. Number	Result	Qual	PQL	SDL
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	4500		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
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	109	86	118	
1,2-Dichloroethane-d4	113	80	120	
Toluene-d8	106	88	110	
4-Bromofluorobenzene	94.9	86	115	

U Not detected at or above adjusted sample detection limit

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086088

Sample Number: **L0710370-03**
Client ID: **16WW39-101107**
Matrix: **Water**
Workgroup Number: **WG252939**
Collect Date: **10/11/2007 02:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **25**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **10/16/2007 12:10**
Cal Date: **09/12/2007 17:13**
Run Date: **10/16/2007 12:10**
File ID: **6M70026**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Acetone	67-64-1		U	250	62.5
Benzene	71-43-2		U	25.0	3.13
Bromobenzene	108-86-1		U	25.0	3.13
Bromochloromethane	74-97-5		U	25.0	5.00
Bromodichloromethane	75-27-4		U	25.0	6.25
Bromoform	75-25-2		U	25.0	12.5
Bromomethane	74-83-9		U	25.0	12.5
2-Butanone	78-93-3		U	250	62.5
n-Butylbenzene	104-51-8		U	25.0	6.25
sec-Butylbenzene	135-98-8		U	25.0	6.25
tert-Butylbenzene	98-06-6		U	25.0	6.25
Carbon disulfide	75-15-0		U	25.0	12.5
Carbon tetrachloride	56-23-5		U	25.0	6.25
Chlorobenzene	108-90-7		U	25.0	3.13
Chlorodibromomethane	124-48-1		U	25.0	6.25
Chloroethane	75-00-3		U	25.0	12.5
2-Chloroethyl vinyl ether	110-75-8		U	250	50.0
Chloroform	67-66-3		U	25.0	3.13
Chloromethane	74-87-3		U	25.0	6.25
2-Chlorotoluene	95-49-8		U	25.0	3.13
4-Chlorotoluene	106-43-4		U	25.0	6.25
1,2-Dibromo-3-chloropropane	96-12-8		U	125	25.0
1,2-Dibromoethane	106-93-4		U	25.0	6.25
Dibromomethane	74-95-3		U	25.0	6.25
1,2-Dichlorobenzene	95-50-1		U	25.0	3.13
1,3-Dichlorobenzene	541-73-1		U	25.0	6.25
1,4-Dichlorobenzene	106-46-7		U	25.0	3.13
Dichlorodifluoromethane	75-71-8		U	25.0	6.25
1,1-Dichloroethane	75-34-3		U	25.0	3.13
1,2-Dichloroethane	107-06-2	6.71	J	25.0	6.25
1,1-Dichloroethene	75-35-4		U	25.0	12.5
cis-1,2-Dichloroethene	156-59-2	87.0		25.0	6.25
trans-1,2-Dichloroethene	156-60-5		U	25.0	6.25
1,2-Dichloropropane	78-87-5		U	25.0	5.00
1,3-Dichloropropane	142-28-9		U	25.0	5.00
2,2-Dichloropropane	594-20-7		U	25.0	6.25
cis-1,3-Dichloropropene	10061-01-5		U	25.0	6.25
trans-1,3-Dichloropropene	10061-02-6		U	25.0	12.5
1,1-Dichloropropene	563-58-6		U	25.0	6.25
Ethylbenzene	100-41-4		U	25.0	6.25
2-Hexanone	591-78-6		U	250	62.5
Hexachlorobutadiene	87-68-3		U	25.0	6.25
Isopropylbenzene	98-82-8		U	25.0	6.25
p-Isopropyltoluene	99-87-6		U	25.0	6.25
4-Methyl-2-pentanone	108-10-1		U	250	62.5
Methylene chloride	75-09-2	15.4	J	125	6.25
Naphthalene	91-20-3		U	25.0	5.00
n-Propylbenzene	103-65-1		U	25.0	3.13

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086089

Sample Number: **L0710370-03**
Client ID: **16WW39-101107**
Matrix: **Water**
Workgroup Number: **WG252939**
Collect Date: **10/11/2007 02:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **25**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **10/16/2007 12:10**
Cal Date: **09/12/2007 17:13**
Run Date: **10/16/2007 12:10**
File ID: **6M70026**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Styrene	100-42-5		U	25.0	3.13
1,1,1,2-Tetrachloroethane	630-20-6		U	25.0	6.25
1,1,2,2-Tetrachloroethane	79-34-5		U	25.0	3.13
Tetrachloroethene	127-18-4		U	25.0	6.25
Toluene	108-88-3		U	25.0	6.25
1,2,3-Trichlorobenzene	87-61-6		U	25.0	3.13
1,2,4-Trichlorobenzene	120-82-1		U	25.0	5.00
1,1,1-Trichloroethane	71-55-6		U	25.0	6.25
1,1,2-Trichloroethane	79-00-5		U	25.0	6.25
Trichloroethene	79-01-6	3460		25.0	6.25
Trichlorofluoromethane	75-69-4		U	25.0	6.25
1,2,3-Trichloropropane	96-18-4		U	25.0	12.5
1,2,4-Trimethylbenzene	95-63-6		U	25.0	6.25
1,3,5-Trimethylbenzene	108-67-8		U	25.0	6.25
Vinyl acetate	108-05-4		U	250	62.5
Vinyl chloride	75-01-4	12.8	J	25.0	6.25
o-Xylene	95-47-6		U	25.0	6.25
m-,p-Xylene	136777-61-2		U	25.0	12.5

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.6	86	118	
1,2-Dichloroethane-d4	92.6	80	120	
Toluene-d8	102	88	110	
4-Bromofluorobenzene	101	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

2.1.1.2 QC Summary Data

Example 8260 Calculations

1.0 Calculating the Response Factor (RF) from the initial calibration (ICAL) data:

RF = [(Ax) (Cis)] / [(Ais) (Cx)]

where:	Example
Ax = Area of the characteristic ion for the compound being measured:	3399156
Cis = Concentration of the specific internal standard (ug/mL)	25
Ais = Area of the characteristic ion of the specific internal standard	846471
Cx = Concentration of the compound in the standard being measured (ug/mL)	100
RF = Calculated Response Factor	**1.0039**

2.0 Calculating the concentration (C) of a compound in water using the average RF: *

Cx = [(Ax) (Cis) (Vn)(D)] / [(Ais) (RF) (Vs)]

where:	**Example**
Ax = Area of the characteristic ion for the compound being measured	**3122498**
Cis = Concentration of the specific internal standard (ug/L)	**25**
D = Dilution factor for sample as a multiplier (10x = 10)	**1**
Ais = Area of the characteristic ion of the specific internal standard	**611048**
RF = Average RF from the ICAL	**1.004**
Vs = Purge volume of sample (mL)	**10**
Vn = Nominal purge volume of sample (mL) (10.0 mL)	**10**
Cx = Concentration of the compound in the sample being measured (ug/L)	**127.2428**

3.0 Calculating the concentration (C) of a compound in soil using the average RF: *

Cx = [(Ax) (Cis) (Wn)(D)] / [(Ais) (RF) (Ws)]

where:	**Example**
Ax = Area of the characteristic ion for the compound being measured	**3122498**
Cis = Concentration of the specific internal standard (ug/L)	**25**
D = Dilution factor for sample as a multiplier (10x = 10)	**1**
Ais = Area of the characteristic ion of the specific internal standard	**611048**
RF = Average RF from the ICAL	**1.004**
Ws = Weight of sample purged (g)	**5**
Wn = Nominal purge weight (g) (5.0 g)	**5**
Cx = Concentration of the compound in the sample being measured (ug/L)	**127.2428**

Dry weight correction:

Percent solids (PCT_S)	**50**
Cd = (Cx) (100)/PCT_S	**254.4856**

* Concentrations appearing on the instrument quantitation reports are on-column results and do not take into account initial volume, final volume, and the dilution factor.

4.0 Concentration from Linear Regression

Step 1: Retrieve Curve Data From Plot, y = mx + b

y = response ratio = response of analyte / response of IS = Ax/Ais

x = amount ratio = concentration analyte/concentration internal standard = Cx / Cis

m = slope from curve = 0.213

b = intercept from curve = - 0.00642

Step 2: Calculate y from Quantitation Report

y = 86550/593147 = 0.1459

Step 3: Solve for x

x = (y - b)/m = [(0.1459 -(- 0.00642)]/ 0.213 = 0.7152

Step 4: Solve for analyte concentration Cx

Cx = Cis (x) = (25.0)(0.7152) = 17.88

Example Spreadsheet Calculation:

Slope from curve, m:	**0.213**
Intercept from curve, b:	**-0.00642**
Area of analyte, Ax:	**86550**
Area of Internal Standard , Ais:	**593147**
Concentration of IS, Cis	**25.00**
Response Ratio:	**0.145917**
Amount Ratio:	**0.715195**
Concentration:	**17.87988**
Units of Internal Standard:	**ug/L**

5.0 Concentration from Quadratic Regression

Step 1 - Retrieve Curve Data from Plot, y = Ax^2 + Bx + C
Where:
Ax^2 + Bx + (C - y) = 0
A, B, C = constants from the ICAL quadratic regression
y = Response ratio = Area of analyte/Area of internal standard (IS)
x = Amount ratio = Concentration of analyte/concentration of IS

Step 2: Calculate y from Quantitation Report

y = Ax/Ais

Step 3: Solve for x using the quadratic formula
Ax^2 + Bx + C - y = 0

$$x = \frac{b \pm \sqrt{\left(b^2 - 4a(c - y)\right)}}{2a}$$ (Two possible solutions)

Step 4: Solve for analyte concentration Cx

Cx = (Cis)(Amount ratio)

Example Spreadsheet Calculation:

Value of A from plot:	**-0.00629**	
Value of B from plot:	**0.511**	
Value of C from plot:	**-0.0276**	
Area of unknown from quantitation report:	**293821**	
Area of IS from quantiation report:	**784848**	
Response ratio, y:	**0.374367**	
C - y:	**-0.40197**	
Root 1 - Computed amount ratio , X1:	**80.44567**	
Root 2 - Computed amount ratio , X2:	**0.794396**	use this solution
Concentration of IS, Cis:	**25.00**	
Concentration of analyte, Cx:	**19.86**	ug/L

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 091207
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: 20822

Internal Standard: STD21729 Surrogate Standard: STD21808
CCV: STD21849 LCS: STD21852 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG249872

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M68860	SYSTEM BLANK	NA	1	1		09/12/07 07:54
2	6M68861	WG249872-01 BFB 50ng STD 8260	NA	1	1	STD21685	09/12/07 08:22
3	6M68862	WG249872-01 BFB 50ng STD 8260	NA	1	1	STD21685	09/12/07 08:45
4	6M68863	SYSTEM BLANK	NA	1	1		09/12/07 09:10
5	6M68864	WG249872-02 0.30ug/L STD 8260	NA	1	1	STD21849	09/12/07 09:44
6	6M68865	WG249872-03 0.40ug/L STD 8260	NA	1	1	STD21849	09/12/07 10:17
7	6M68866	WG249872-04 1ug/L STD 8260	NA	1	1	STD21849	09/12/07 10:49
8	6M68867	WG249872-05 2ug/L STD 8260	NA	1	1	STD21849	09/12/07 11:21
9	6M68868	WG249872-06 5ug/L STD 8260	NA	1	1	STD21849	09/12/07 11:53
10	6M68869	WG249872-06 20ug/L STD 8260	NA	1	1	STD21849	09/12/07 12:25
11	6M68870	WG249872-07 50ug/L STD 8260	NA	1	1	STD21849	09/12/07 12:57
12	6M68871	WG249872-08 100ug/L STD 8260	NA	1	1	STD21849	09/12/07 13:30
13	6M68872	WG249872-09 200ug/L STD 8260	NA	1	1	STD21849	09/12/07 14:02
14	6M68873	WG249872-10 300ug/L STD 8260	NA	1	1	STD21849	09/12/07 14:34
15	6M68874	SYSTEM BLANK	NA	1	1		09/12/07 15:06
16	6M68875	SYSTEM BLANK	NA	1	1		09/12/07 15:38
17	6M68876	WG249872-05 5ug/L STD 8260	NA	1	1	STD21849	09/12/07 16:10
18	6M68877	WG249872-05 2ug/L STD 8260	NA	1	1	STD21849	09/12/07 16:41
19	6M68878	WG249872-04 1ug/L STD 8260	NA	1	1	STD21849	09/12/07 17:13
20	6M68879	WG249872-11 20ug/L ALT SRC STD 8260	NA	1	1	STD21852	09/12/07 17:45
21	6M68880	SYSTEM BLANK	NA	1	1		09/12/07 18:17
22	6M68881	SYSTEM BLANK	NA	1	1		09/12/07 18:49

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2	X			
File ID: 6M68861				
			Tune failed/DNR	
7	X			
File ID: 6M68866				
			DNR	
8	X			
File ID: 6M68867				
			DNR	

Approved: September 13, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 091207
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: 20822

Internal Standard: STD21729 Surrogate Standard: STD21808
CCV: STD21849 LCS: STD21852 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG249872

Comments

Seq.	Rerun	Dil.	Reason	Analytes
9	X			
File ID: 6M68868				
			DNR	
18				
File ID: 6M68877				
			DNR-DID NOT USE A 2 POINT IN CURVE	

Approved: September 13, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 092507
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: 21000

Internal Standard: STD22081 Surrogate Standard: STD21916
CCV: STD22050 LCS: STD21934 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG251019

Comments: Files 8M339893-8M339910: Trobleshooting/Tuning instrument.

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M339893	SYSTEM BLANK	NA	1	1		09/25/07 07:32
2	8M339894	BFB STD CHK	NA	1	1	STD21685	09/25/07 08:00
3	8M339895	BFB STD CHK RETUNE	NA	1	1	STD21685	09/25/07 08:47
4	8M339896	BFB STD CHK	NA	1	1	STD21685	09/25/07 09:10
5	8M339897	BFB STD CHK RETUNE 2	NA	1	1	STD21685	09/25/07 09:48
6	8M339898	BFB STD CHK 1365	NA	1	1	STD21685	09/25/07 10:04
7	8M339899	BFB STD CHK 1365	NA	1	1	STD21685	09/25/07 10:19
8	8M339900	SYSTEM BLANK IS CHK	NA	1	1		09/25/07 10:43
9	8M339901	BFB STD CHK 1388	NA	1	1	STD21685	09/25/07 11:15
10	8M339902	BFB STD CHK RETUNE	NA	1	1	STD21685	09/25/07 12:14
11	8M339903	BFB STD CHK 1424	NA	1	1	STD21685	09/25/07 12:43
12	8M339904	BFB STD CHK 1624	NA	1	1	STD21685	09/25/07 13:01
13	8M339905	BFB STD CHK RETUNE	NA	1	1	STD21685	09/25/07 13:28
14	8M339906	BFB STD CHK RETUNE	NA	1	1	STD21685	09/25/07 13:44
15	8M339907	BFB STD CHK	NA	1	1	STD21685	09/25/07 14:02
16	8M339908	BFB STD CHK	NA	1	1	STD21685	09/25/07 14:42
17	8M339909	RINSE	NA	1	1		09/25/07 15:11
18	8M339910	RINSE	NA	1	1		09/25/07 15:43
19	8M339911	WG251019-01 BFB 50ng STD 8260	NA	1	1	STD21685	09/25/07 16:11
20	8M339912	SYSTEM BLANK	NA	1	1		09/25/07 16:41
21	8M339913	WG251019-02 0.30ug/L STD 8260	NA	1	1	STD22050	09/25/07 17:11
22	8M339914	WG251019-03 0.40ug/L STD 8260	NA	1	1	STD22050	09/25/07 17:40
23	8M339915	WG251019-04 1ug/L STD 8260	NA	1	1	STD22050	09/25/07 18:10
24	8M339916	WG251019-05 2ug/L STD 8260	NA	1	1	STD22050	09/25/07 18:39
25	8M339917	WG251019-06 5ug/L STD 8260	NA	1	1	STD22050	09/25/07 19:08
26	8M339918	WG251019-07 20ug/L STD 8260	NA	1	1	STD22050	09/25/07 19:38
27	8M339919	WG251019-08 50ug/L STD 8260	NA	1	1	STD22050	09/25/07 20:07
28	8M339920	WG251019-09 100ug/L STD 8260	NA	1	1	STD22050	09/25/07 20:36
29	8M339921	WG251019-10 200ug/L STD 8260	NA	1	1	STD22050	09/25/07 21:05
30	8M339922	WG251019-11 300ug/L STD 8260	NA	1	1	STD22050	09/25/07 21:35
31	8M339923	SYSTEM BLANK	NA	1	1		09/25/07 22:04
32	8M339924	SYSTEM BLANK	NA	1	1		09/25/07 22:34
33	8M339925	WG251019-12 20ug/L ALT SRC STD 8260	NA	1	1	STD21934	09/25/07 23:03
34	8M339926	SYSTEM BLANK	NA	1	1		09/25/07 23:32

Approved: September 26, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 092507
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: 21000

Internal Standard: STD22081 Surrogate Standard: STD21916
CCV: STD22050 LCS: STD21934 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG251019

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
35	8M339927	SYSTEM BLANK	NA	1	1		09/26/07 00:02
36	8M339928	SYSTEM BLANK	NA	1	1		09/26/07 00:31
37	8M339929	SYSTEM BLANK	NA	1	1		09/26/07 01:01

Approved: September 26, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 101307
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: 21298

Internal Standard: STD22318 Surrogate Standard: STD22396
CCV: STD22380 LCS: STD22379 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG252772

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M69915	WG252771-01 BFB 50ng STD 8260	NA	1	1	STD22252	10/13/07 11:32
2	6M69916	WG252771-02 50ug/L STD 8260	NA	1	1	STD22393	10/13/07 11:58
3	6M69917	WG252772-01 VBLK1013 BLANK 8260	NA	1	1		10/13/07 12:29
4	6M69918	WG252771-01 50NG BFB STD 8260	NA	1	1	STD22252	10/13/07 12:58
5	6M69919	WG252771-02 50ug/L WATER STD 8260	NA	1	1	STD22380	10/13/07 13:26
6	6M69920	WG252772-01 VBLK1013 BLANK 8260	NA	1	1		10/13/07 13:58
7	6M69921	WG252772-01 VBLK1013 BLANK 8260	NA	1	1		10/13/07 14:30
8	6M69922	WG252772-02 20ug/L LCS 8260	NA	1	1	STD22379	10/13/07 15:02
9	6M69923	WG252772-03 20ug/L LCSDUP 8260	NA	1	1	STD22379	10/13/07 15:33
10	6M69924	L0710227-03 B 10X 826-LOW D1	<2	1	10		10/13/07 16:05
11	6M69925	L0710228-02 A 826-LOW	<2	1	1		10/13/07 16:37
12	6M69926	L0710281-02 A 826-SPE	<2	1	1		10/13/07 17:09
13	6M69927	L0710352-02 A 8260	<2	1	1		10/13/07 17:41
14	6M69928	L0710227-02 A 826-LOW	<2	1	1		10/13/07 18:13
15	6M69929	L0710233-07 A 826-SPE	<2	1	1		10/13/07 18:45
16	6M69930	L0710233-08 A 826-SPE	<2	1	1		10/13/07 19:17
17	6M69931	L0710233-09 A 826-SPE	<2	1	1		10/13/07 19:50
18	6M69932	L0710233-10 A 826-SPE	<2	1	1		10/13/07 20:22
19	6M69933	L0710233-11 A 826-SPE	<2	1	1		10/13/07 20:54
20	6M69934	L0710227-04 A 826-LOW	<2	1	1		10/13/07 21:26
21	6M69935	L0710228-07 A 826-LOW	<2	1	1		10/13/07 21:58
22	6M69936	L0710228-08 A 826-LOW	<2	1	1		10/13/07 22:30
23	6M69937	L0710228-13 A 826-LOW	<2	1	1		10/13/07 23:02
24	6M69938	L0710281-01 A 826-SPE	<2	1	1		10/13/07 23:34
25	6M69939	L0710370-01 A 25X 826-LOW	<2	1	25		10/14/07 00:06
26	6M69940	L0710370-02 A 25X 826-LOW	<2	1	25		10/14/07 00:38
27	6M69941	L0710370-03 A 25X 826-LOW	<2	1	25		10/14/07 01:10
28	6M69942	SYSTEM BLANK	NA	1	1		10/14/07 01:42
29	6M69943	WG252772-04 624 BLANK	NA	2	1		10/14/07 02:14
30	6M69944	L0710322-13 B 10X 624-SPE1	=7	2	10		10/14/07 02:46
31	6M69945	L0710322-11 B 250X 624-SPE1 D1	=7	2	250		10/14/07 03:17

Comments

Approved: October 17, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 101307
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: 21298

Internal Standard: STD22318 Surrogate Standard: STD22396
CCV: STD22380 LCS: STD22379 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG252772

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2	X		Check Standard Failure	
File ID: 6M69916				
	DNR			
3				
File ID: 6M69917				
	DNR			
6	X		Carry-over contamination	
File ID: 6M69920				
	DNR			
15	X	5	Over Calibration Range	TCE
File ID: 6M69929				
25	X	10	Analyzed too dilute	
File ID: 6M69939				
	DNR			
26	X	100	Over Calibration Range	TCE
File ID: 6M69940				
27	X		Missed Tune	
File ID: 6M69941				
	DNR			

Approved: October 17, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 101407
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 21308

Internal Standard: STD22378 Surrogate Standard: STD22455
CCV: STD22393 LCS: STD22409 MS/MSD: STD22409

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG252785

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M340644	WG252784-01 BFB 50ng STD 8260	NA	1	1	STD22252	10/14/07 10:53
2	8M340645	WG252784-02 50ug/L STD 8260	NA	1	1	STD22393	10/14/07 11:18
3	8M340646	WG252785-01 VBLK1014 BLANK 8260	NA	1	1		10/14/07 11:51
4	8M340647	WG252785-02 20ug/L LCS STD 8260	NA	1	1	STD22409	10/14/07 13:01
5	8M340648	L0710370-02 B 100X 826-LOW D1	<2	1	100		10/14/07 13:31
6	8M340649	L0710370-01 B 10X 826-LOW	<2	1	10		10/14/07 14:01
7	8M340650	L0710209-06 B 250X 826-LOW	<2	1	250		10/14/07 14:30
8	8M340651	L0710272-10 A 826-SPE	<2	1	1		10/14/07 15:00
9	8M340652	L0710272-01 A 826-SPE	<2	1	1		10/14/07 15:29
10	8M340653	L0710272-02 A 10X 826-SPE	<2	1	10		10/14/07 15:59
11	8M340654	L0710272-03 A 25X 826-SPE	<2	1	25		10/14/07 16:29
12	8M340655	L0710272-04 A 826-SPE	=4	1	1		10/14/07 16:59
13	8M340656	L0710272-05 MS A 826-SPE	<2	1	1	STD22409	10/14/07 17:29
14	8M340657	L0710272-06 MSD A 826-SPE	<2	1	1	STD22409	10/14/07 17:58
15	8M340658	L0710272-07 A 10X 826-SPE	<2	1	10		10/14/07 18:28
16	8M340659	L0710272-08 A 826-SPE	<2	1	1		10/14/07 18:57
17	8M340660	L0710272-09 A 25X 826-SPE	<2	1	25		10/14/07 19:27
18	8M340661	L0710306-01 A 10X 826-SPE D2	<2	1	10		10/14/07 19:57
19	8M340662	L0710306-02 A 10X 826-SPE	<2	1	10		10/14/07 20:27
20	8M340663	L0710306-03 A 10X 826-SPE	<2	1	10		10/14/07 20:58
21	8M340664	L0710306-04 A 826-SPE	<2	1	1		10/14/07 21:27
22	8M340665	L0710306-05 A 826-SPE	<2	1	1		10/14/07 21:57
23	8M340666	L0710306-06 A 826-SPE	<2	1	1		10/14/07 22:28
24	8M340667	SYSTEM BLANK	NA	1	1		10/14/07 22:58
25	8M340668	SYSTEM BLANK	NA	1	1		10/14/07 23:28
26	8M340669	L0709732-01 A 826-REF-BLK	NA	1	1		10/14/07 23:58
27	8M340670	L0709732-02 A 826-REF-BLK	NA	1	1		10/15/07 00:29
28	8M340671	L0709732-03 A 826-REF-BLK	NA	1	1		10/15/07 00:58
29	8M340672	L0709732-04 A 826-REF-BLK	NA	1	1		10/15/07 01:29
30	8M340673	L0709732-05 A 826-REF-BLK	NA	1	1		10/15/07 01:59

Comments

Seq.	Rerun	Dil.	Reason	Analytes

Approved: October 17, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 101407
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 21308

Internal Standard: STD22378 Surrogate Standard: STD22455
CCV: STD22393 LCS: STD22409 MS/MSD: STD22409

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG252785

Comments

Seq.	Rerun	Dil.	Reason	Analytes
11	X	1	Analyzed too dilute	
File ID: 8M340654				
	DNR			
18	X	1	Analyzed too dilute	
File ID: 8M340661				
21	X		Surrogate standard failure	
File ID: 8M340664				
	DNR			
23	X	10	Over Calibration Range	1,2-DCP, 1,1,2-TCA
File ID: 8M340666				

Approved: October 17, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS6 Dataset: 101607
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 21325

Internal Standard: STD22318 Surrogate Standard: STD22396
CCV: STD22484 LCS: STD22409 MS/MSD: STD22409

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG252939

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	6M70020	WG252937-01 BFB 50ng STD 8260	NA	1	1	STD22252	10/16/07 09:07
2	6M70021	WG252937-02 50ug/L STD 8260	NA	1	1	STD22484	10/16/07 09:30
3	6M70022	WG252939-01 VBLK1016 BLANK 8260	NA	1	1		10/16/07 10:02
4	6M70023	WG252939-01 VBLK1016 BLANK 8260	NA	1	1		10/16/07 10:34
5	6M70024	WG252939-02 20ug/L LCS STD 8260	NA	1	1	STD22409	10/16/07 11:06
6	6M70025	L0710237-09 C 100X 826-SPE D2	<2	1	100		10/16/07 11:38
7	6M70026	L0710370-03 B 25X 826-LOW	<2	1	25		10/16/07 12:10
8	6M70027	L0710235-06 B 826-SPE	<2	1	1		10/16/07 12:42
9	6M70028	L0710237-28 B 25X 826-SPE D1	<2	1	25		10/16/07 13:14
10	6M70029	L0710237-29 B 100X 826-SPE D1	<2	1	100		10/16/07 13:46
11	6M70030	L0710237-34 B 50X 826-SPE D1	<2	1	50		10/16/07 14:17
12	6M70031	L0710237-35 B 50X 826-SPE D1	<2	1	50		10/16/07 14:49
13	6M70032	L0710316-09 A 826-SPE	<2	1	1		10/16/07 15:21
14	6M70033	L0710316-10 A 826-SPE	<2	1	1		10/16/07 15:53
15	6M70034	L0710405-02 A 826-SPE	<2	1	1		10/16/07 16:25
16	6M70035	L0710405-01 A 826-SPE	<2	1	1		10/16/07 16:57
17	6M70036	L0710312-01 A 826-SPLP	NA	18	1		10/16/07 17:29
18	6M70037	L0710316-06 A 826-SPE	<2	1	1		10/16/07 18:01
19	6M70038	L0710316-07 MS A 826-SPE	<2	1	1	STD22409	10/16/07 18:33
20	6M70039	L0710316-08 MSD A 826-SPE	<2	1	1	STD22409	10/16/07 19:05
21	6M70040	L0710237-36 B 20X 826-SPE D1	<2	1	20		10/16/07 19:37
22	6M70041	L0710316-05 A 826-SPE	<2	1	1		10/16/07 20:09
23	6M70042	L0710391-04 A 826-LOW	<2	1	1		10/16/07 20:41
24	6M70043	SYSTEM BLANK	NA	1	1		10/16/07 21:13
25	6M70044	MA OXY STD	NA	1	1		10/16/07 21:45

Comments

Seq.	Rerun	Dil.	Reason	Analytes
3	X		Carry-over contamination	
File ID: 6M70022				
	DNR			

Approved: October 17, 2007

KEMRON Environmental Services
Data Checklist

Date: 12-SEP-2007
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 18206
Analytical Workgroups: WG249867

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	X
Dilutions Run	NA
Reruns	X
Manual Integrations	NA
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:
13-SEP-2007

Secondary Reviewer:
13-SEP-2007

Generated: OCT-15-2007 13:44:02

KEMRON Environmental Services
Data Checklist

Date: 25-SEP-2007
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 18423
Analytical Workgroups: WG251019

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	NA
Manual Integrations	NA
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:
26-SEP-2007

Secondary Reviewer:
26-SEP-2007

Generated: SEP-26-2007 20:43:04

KEMRON Environmental Services
Data Checklist

Date: 13-OCT-2007
Analyst: CMS
Analyst: NA
Method: 8260B/624
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 18787
Analytical Workgroups: WG252772

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	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
Secondary Reviewer	LSB
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:
16-OCT-2007

Secondary Reviewer:
17-OCT-2007

Generated: OCT-17-2007 13:41:58

KEMRON Environmental Services
Data Checklist

Date: 14-OCT-2007
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS8
Curve Workgroup: NA
Runlog ID: 18796
Analytical Workgroups: WG252785

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	LSB
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:
16-OCT-2007

Secondary Reviewer:
17-OCT-2007

Generated: OCT-17-2007 14:23:48

KEMRON Environmental Services
Data Checklist

Date: 16-OCT-2007
Analyst: CMS
Analyst: NA
Method: 8260B
Instrument: HPMS6
Curve Workgroup: NA
Runlog ID: 18814
Analytical Workgroups: WG252939

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	LSB
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:
17-OCT-2007

Secondary Reviewer:
17-OCT-2007

Generated: OCT-17-2007 13:17:07

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B **AAB#:** WG252939
Login Number: L0710370

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
16WW39-101107	10/11/07	10/12/07	10/16/07	14	5.40	10/16/07	14	5.40	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**
***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON FORMS - Modified 11/20/2006
Version 1.5 PDF File ID: 906204
Report generated 10/17/2007 14:22

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B **AAB#:** WG252785
Login Number: L0710370

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
16WW12-101107	10/11/07	10/12/07	10/14/07	14	3.51	10/14/07	14	3.51	
16WW40-101007	10/11/07	10/12/07	10/14/07	14	3.19	10/14/07	14	3.19	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**
***ANAL = SEE PROJECT QAPP REQUIREMENTS**

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B **AAB#:** WG252772
Login Number: L0710370

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
16WW12-101107	10/11/07	10/12/07	10/14/07	14	2.98	10/14/07	14	2.98	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**
***ANAL = SEE PROJECT QAPP REQUIREMENTS**

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Version 1.5 PDF File ID: 906204
Report generated 10/17/2007 14:22

SURROGATE STANDARDS

Login Number: L0710370
Instrument Id: HPMS6
Workgroup (AAB#): WG252939

Method: 8260
CAL ID: HPMS6-12-SEP-07
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0710370-03	25.0	DL01	92.6	96.6	101	102
WG252939-01	1.00	01	91.8	95.1	101	102
WG252939-02	1.00	01	92.4	96.9	99.0	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
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SURROGATE STANDARDS

Login Number: L0710370
Instrument Id: HPMS8
Workgroup (AAB#): WG252785

Method: 8260
CAL ID: HPMS8-25-SEP-07
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0710370-01	10.0	DL01	112	109	95.2	105
L0710370-02	100	DL02	113	109	94.9	106
WG252785-01	1.00	01	107	107	97.0	105
WG252785-02	1.00	01	107	108	97.2	106

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: 906212
Report generated 10/17/2007 14:22

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SURROGATE STANDARDS

Login Number: L0710370
Instrument Id: HPMS6
Workgroup (AAB#): WG252772

Method: 8260
CAL ID: HPMS6-12-SEP-07
Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0710370-02	25.0	DL01	107	104	103	103
WG252772-01	1.00	01	95.6	96.4	101	100
WG252772-02	1.00	01	96.4	95.8	97.5	102
WG252772-03	1.00	01	96.5	96.9	98.8	103
WG252772-04	1.00	01	107	102	102	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: 906212
Report generated 10/17/2007 14:22

METHOD BLANK SUMMARY

Login Number: L0710370
Work Group: WG252772
Blank File ID: 6M69921
Blank Sample ID: WG252772-01
Prep Date: 10/13/07 14:30
Instrument ID: HPMS6
Analyzed Date: 10/13/07 14:30
Method: 8260B
Analyst: MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG252772-02	6M69922	10/13/07 15:02	01
LCS2	WG252772-03	6M69923	10/13/07 15:33	01
16WW12-101107	L0710370-02	6M69940	10/14/07 00:38	DL01

METHOD BLANK SUMMARY

Login Number: L0710370
Work Group: WG252939
Blank File ID: 6M70023
Blank Sample ID: WG252939-01
Prep Date: 10/16/07 10:34
Instrument ID: HPMS6
Analyzed Date: 10/16/07 10:34
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG252939-02	6M70024	10/16/07 11:06	01
16WW39-101107	L0710370-03	6M70026	10/16/07 12:10	DL01

KEMRON FORMS - Modified 01/31/2007
Version 1.5 PDF File ID: 906205
Report generated 10/17/2007 14:22

METHOD BLANK SUMMARY

Login Number: L0710370
Work Group: WG252785
Blank File ID: 8M340646
Blank Sample ID: WG252785-01
Prep Date: 10/14/07 11:51
Instrument ID: HPMS8
Analyzed Date: 10/14/07 11:51
Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG252785-02	8M340647	10/14/07 13:01	01
16WW12-101107	L0710370-02	8M340648	10/14/07 13:31	DL02
16WW40-101007	L0710370-01	8M340649	10/14/07 14:01	DL01

KEMRON FORMS - Modified 01/31/2007
Version 1.5 PDF File ID: 906205
Report generated 10/17/2007 14:22

Login Number: L0710370 Prep Date: 10/13/07 14:30 Sample ID: WG252772-01
Instrument ID: HPMS6 Run Date: 10/13/07 14:30 Prep Method: 5030B
File ID: 6M69921 Analyst: MES Method: 8260B
Workgroup (AAB#): WG252772 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-12-SEP-07

Analytes	SDL	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 12/07/2006
Version 1.5 PDF File ID: 906206
Report generated 10/17/2007 14:22

Login Number: L0710370 Prep Date: 10/13/07 14:30 Sample ID: WG252772-01
Instrument ID: HPMS6 Run Date: 10/13/07 14:30 Prep Method: 5030B
File ID: 6M69921 Analyst: MES Method: 8260B
Workgroup (AAB#): WG252772 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-12-SEP-07

Analytes	SDL	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	0.435	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	96.4	86 - 118	PASS
1,2-Dichloroethane-d4	95.6	80 - 120	PASS
Toluene-d8	100	88 - 110	PASS
4-Bromofluorobenzene	101	86 - 115	PASS

SDL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 906206
Report generated 10/17/2007 14:22

Login Number: L0710370 Prep Date: 10/16/07 10:34 Sample ID: WG252939-01
Instrument ID: HPMS6 Run Date: 10/16/07 10:34 Prep Method: 5030B
File ID: 6M70023 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG252939 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-12-SEP-07

Analytes	SDL	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 12/07/2006
Version 1.5 PDF File ID: 906206
Report generated 10/17/2007 14:22

Login Number: L0710370 Prep Date: 10/16/07 10:34 Sample ID: WG252939-01
Instrument ID: HPMS6 Run Date: 10/16/07 10:34 Prep Method: 5030B
File ID: 6M70023 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG252939 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS6-12-SEP-07

Analytes	SDL	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	0.462	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	95.1	86 - 118	PASS
1,2-Dichloroethane-d4	91.8	80 - 120	PASS
Toluene-d8	102	88 - 110	PASS
4-Bromofluorobenzene	101	86 - 115	PASS

SDL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 906206
Report generated 10/17/2007 14:22

Login Number: L0710370 Prep Date: 10/14/07 11:51 Sample ID: WG252785-01
Instrument ID: HPMS8 Run Date: 10/14/07 11:51 Prep Method: 5030B
File ID: 8M340646 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG252785 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-25-SEP-07

Analytes	SDL	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 12/07/2006
Version 1.5 PDF File ID: 906206
Report generated 10/17/2007 14:22

Login Number: L0710370 Prep Date: 10/14/07 11:51 Sample ID: WG252785-01
Instrument ID: HPMS8 Run Date: 10/14/07 11:51 Prep Method: 5030B
File ID: 8M340646 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG252785 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: HPMS8-25-SEP-07

Analytes	SDL	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	0.289	1	J
1,2,4-Trichlorobenzene	0.200	1.00	0.204	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	107	86 - 118	PASS
1,2-Dichloroethane-d4	107	80 - 120	PASS
Toluene-d8	105	88 - 110	PASS
4-Bromofluorobenzene	97.0	86 - 115	PASS

SDL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 906206
Report generated 10/17/2007 14:22

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0710370 Run Date: 10/16/2007 Sample ID: WG252939-02
Instrument ID: HPMS6 Run Time: 11:06 Prep Method: 5030B
File ID: 6M70024 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG252939 Matrix: Water Units: ug/L
QC Key: STD Lot#: STD22409 Cal ID: HPMS6-12-SEP-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	16.4	81.8	40 - 142	
Benzene	20.0	21.7	108	80 - 121	
Bromobenzene	20.0	22.8	114	80 - 120	
Bromochloromethane	20.0	21.2	106	65 - 130	
Bromodichloromethane	20.0	22.2	111	80 - 131	
Bromoform	20.0	18.1	90.3	70 - 130	
Bromomethane	20.0	17.5	87.4	30 - 145	
2-Butanone	20.0	14.0	70.2	30 - 150	
n-Butylbenzene	20.0	20.0	99.9	80 - 131	
sec-Butylbenzene	20.0	20.2	101	80 - 127	
tert-Butylbenzene	20.0	20.7	103	80 - 126	
Carbon disulfide	20.0	18.7	93.7	58 - 138	
Carbon tetrachloride	20.0	21.6	108	65 - 140	
Chlorobenzene	20.0	21.5	108	80 - 120	
Chlorodibromomethane	20.0	20.0	99.8	60 - 135	
Chloroethane	20.0	21.0	105	60 - 135	
2-Chloroethyl vinyl ether	20.0	18.5	92.4	58 - 151	
Chloroform	20.0	22.0	110	80 - 125	
Chloromethane	20.0	17.3	86.3	40 - 125	
2-Chlorotoluene	20.0	23.6	118	80 - 127	
4-Chlorotoluene	20.0	21.8	109	80 - 126	
1,2-Dibromo-3-chloropropane	20.0	19.4	97.0	50 - 130	
1,2-Dibromoethane	20.0	21.3	107	80 - 125	
Dibromomethane	20.0	20.4	102	75 - 125	
1,2-Dichlorobenzene	20.0	21.7	108	80 - 125	
1,3-Dichlorobenzene	20.0	21.5	107	80 - 120	
1,4-Dichlorobenzene	20.0	20.8	104	80 - 120	
Dichlorodifluoromethane	20.0	25.7	129	50 - 133	
1,1-Dichloroethane	20.0	21.3	107	80 - 125	
1,2-Dichloroethane	20.0	20.5	103	80 - 129	
1,1-Dichloroethene	20.0	21.1	105	80 - 132	
cis-1,2-Dichloroethene	20.0	23.2	116	70 - 125	
trans-1,2-Dichloroethene	20.0	22.6	113	80 - 127	
1,2-Dichloropropane	20.0	21.3	106	80 - 120	
1,3-Dichloropropane	20.0	21.0	105	80 - 120	
2,2-Dichloropropane	20.0	19.3	96.7	80 - 133	
cis-1,3-Dichloropropene	20.0	19.5	97.7	70 - 130	
trans-1,3-Dichloropropene	20.0	20.3	102	80 - 130	
1,1-Dichloropropene	20.0	21.1	105	75 - 130	
Ethylbenzene	20.0	22.9	115	80 - 122	
2-Hexanone	20.0	15.8	79.2	55 - 130	

KEMRON FORMS - Modified 09/06/2007
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LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0710370 Run Date: 10/16/2007 Sample ID: WG252939-02
Instrument ID: HPMS6 Run Time: 11:06 Prep Method: 5030B
File ID: 6M70024 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG252939 Matrix: Water Units: ug/L
QC Key: STD Lot#: STD22409 Cal ID: HPMS6-12-SEP-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	21.7	108	72 - 132	
Isopropylbenzene	20.0	18.3	91.3	80 - 122	
p-Isopropyltoluene	20.0	19.6	98.0	80 - 122	
4-Methyl-2-pentanone	20.0	17.5	87.6	64 - 140	
Methylene chloride	20.0	20.8	104	80 - 123	
Naphthalene	20.0	19.8	98.8	59 - 149	
n-Propylbenzene	20.0	23.9	119	80 - 129	
Styrene	20.0	21.7	109	80 - 123	
1,1,1,2-Tetrachloroethane	20.0	22.2	111	80 - 130	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	79 - 125	
Tetrachloroethene	20.0	24.0	120	80 - 124	
Toluene	20.0	23.3	116	80 - 124	
1,2,3-Trichlorobenzene	20.0	21.2	106	55 - 140	
1,2,4-Trichlorobenzene	20.0	20.8	104	65 - 135	
1,1,1-Trichloroethane	20.0	21.1	106	80 - 134	
1,1,2-Trichloroethane	20.0	21.8	109	80 - 125	
Trichloroethene	20.0	23.4	117	80 - 122	
Trichlorofluoromethane	20.0	18.7	93.5	62 - 151	
1,2,3-Trichloropropane	20.0	22.0	110	75 - 125	
1,2,4-Trimethylbenzene	20.0	23.8	119	80 - 125	
1,3,5-Trimethylbenzene	20.0	21.0	105	80 - 127	
Vinyl acetate	20.0	10.5	52.4	10 - 150	
Vinyl chloride	20.0	19.0	95.1	65 - 140	
o-Xylene	20.0	21.6	108	80 - 122	
m-,p-Xylene	40.0	45.5	114	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	96.9	86 - 118	PASS
1,2-Dichloroethane-d4	92.4	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	99.0	86 - 115	PASS

* FAILS %REC LIMIT

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LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0710370 Run Date: 10/14/2007 Sample ID: WG252785-02
Instrument ID: HPMS8 Run Time: 13:01 Prep Method: 5030B
File ID: 8M340647 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG252785 Matrix: Water Units: ug/L
QC Key: STD Lot#: STD22409 Cal ID: HPMS8-25-SEP-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	22.3	111	40 - 142	
Benzene	20.0	17.7	88.3	80 - 121	
Bromobenzene	20.0	18.8	94.0	80 - 120	
Bromochloromethane	20.0	19.3	96.7	65 - 130	
Bromodichloromethane	20.0	21.4	107	80 - 131	
Bromoform	20.0	19.8	99.0	70 - 130	
Bromomethane	20.0	25.3	127	30 - 145	
2-Butanone	20.0	25.0	125	30 - 150	
n-Butylbenzene	20.0	21.1	106	80 - 131	
sec-Butylbenzene	20.0	20.5	103	80 - 127	
tert-Butylbenzene	20.0	20.2	101	80 - 126	
Carbon disulfide	20.0	18.6	93.1	58 - 138	
Carbon tetrachloride	20.0	23.8	119	65 - 140	
Chlorobenzene	20.0	18.2	90.8	80 - 120	
Chlorodibromomethane	20.0	21.0	105	60 - 135	
Chloroethane	20.0	20.0	100	60 - 135	
2-Chloroethyl vinyl ether	20.0	16.3	81.6	58 - 151	
Chloroform	20.0	20.3	102	80 - 125	
Chloromethane	20.0	22.3	112	40 - 125	
2-Chlorotoluene	20.0	19.6	98.1	80 - 127	
4-Chlorotoluene	20.0	18.5	92.7	80 - 126	
1,2-Dibromo-3-chloropropane	20.0	17.6	88.0	50 - 130	
1,2-Dibromoethane	20.0	18.9	94.6	80 - 125	
Dibromomethane	20.0	19.5	97.5	75 - 125	
1,2-Dichlorobenzene	20.0	18.3	91.7	80 - 125	
1,3-Dichlorobenzene	20.0	18.5	92.4	80 - 120	
1,4-Dichlorobenzene	20.0	18.2	91.1	80 - 120	
Dichlorodifluoromethane	20.0	23.5	118	50 - 133	
1,1-Dichloroethane	20.0	19.4	97.1	80 - 125	
1,2-Dichloroethane	20.0	20.7	104	80 - 129	
1,1-Dichloroethene	20.0	21.8	109	80 - 132	
cis-1,2-Dichloroethene	20.0	19.6	97.9	70 - 125	
trans-1,2-Dichloroethene	20.0	19.8	98.8	80 - 127	
1,2-Dichloropropane	20.0	18.2	90.8	80 - 120	
1,3-Dichloropropane	20.0	18.1	90.7	80 - 120	
2,2-Dichloropropane	20.0	21.8	109	80 - 133	
cis-1,3-Dichloropropene	20.0	18.7	93.3	70 - 130	
trans-1,3-Dichloropropene	20.0	18.1	90.3	80 - 130	
1,1-Dichloropropene	20.0	20.1	101	75 - 130	
Ethylbenzene	20.0	19.9	99.3	80 - 122	
2-Hexanone	20.0	16.4	81.9	55 - 130	

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LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0710370 Run Date: 10/14/2007 Sample ID: WG252785-02
Instrument ID: HPMS8 Run Time: 13:01 Prep Method: 5030B
File ID: 8M340647 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG252785 Matrix: Water Units: ug/L
QC Key: STD Lot#: STD22409 Cal ID: HPMS8-25-SEP-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	20.0	24.2	121	72 - 132	
Isopropylbenzene	20.0	18.2	90.8	80 - 122	
p-Isopropyltoluene	20.0	20.2	101	80 - 122	
4-Methyl-2-pentanone	20.0	16.5	82.7	64 - 140	
Methylene chloride	20.0	18.3	91.7	80 - 123	
Naphthalene	20.0	17.4	86.8	59 - 149	
n-Propylbenzene	20.0	20.0	100	80 - 129	
Styrene	20.0	18.6	93.0	80 - 123	
1,1,1,2-Tetrachloroethane	20.0	21.6	108	80 - 130	
1,1,2,2-Tetrachloroethane	20.0	17.6	88.0	79 - 125	
Tetrachloroethene	20.0	21.1	106	80 - 124	
Toluene	20.0	18.8	94.1	80 - 124	
1,2,3-Trichlorobenzene	20.0	18.5	92.6	55 - 140	
1,2,4-Trichlorobenzene	20.0	19.0	94.9	65 - 135	
1,1,1-Trichloroethane	20.0	22.7	113	80 - 134	
1,1,2-Trichloroethane	20.0	18.5	92.7	80 - 125	
Trichloroethene	20.0	20.5	103	80 - 122	
Trichlorofluoromethane	20.0	19.9	99.5	62 - 151	
1,2,3-Trichloropropane	20.0	19.4	97.2	75 - 125	
1,2,4-Trimethylbenzene	20.0	20.3	101	80 - 125	
1,3,5-Trimethylbenzene	20.0	19.7	98.7	80 - 127	
Vinyl acetate	20.0	16.9	84.3	10 - 150	
Vinyl chloride	20.0	23.6	118	65 - 140	
o-Xylene	20.0	18.5	92.3	80 - 122	
m-,p-Xylene	40.0	36.9	92.1	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	108	86 - 118	PASS
1,2-Dichloroethane-d4	107	80 - 120	PASS
Toluene-d8	106	88 - 110	PASS
4-Bromofluorobenzene	97.2	86 - 115	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 09/06/2007
Version 1.5 PDF File ID: 906849
Report generated 10/17/2007 14:22

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0710370 Analyst:MES Prep Method:5030B
Instrument ID:HPMS6 Matrix:Water Method:8260B
Workgroup (AAB#):WG252772 Units:ug/L
QC Key:STD Lot #:STD22379

Sample ID:WG252772-02 LCS File ID:6M69922 Run Date:10/13/2007 15:02
Sample ID:WG252772-03 LCS2 File ID:6M69923 Run Date:10/13/2007 15:33

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Acetone	20.0	17.1	85.5	20.0	16.7	83.5	2.45	40 - 142	20	
Benzene	20.0	21.8	109	20.0	21.3	106	2.55	80 - 121	20	
Bromobenzene	20.0	22.3	111	20.0	22.0	110	1.31	80 - 120	20	
Bromochloromethane	20.0	20.8	104	20.0	21.0	105	0.862	65 - 130	20	
Bromodichloromethane	20.0	22.5	113	20.0	22.0	110	2.35	80 - 131	20	
Bromoform	20.0	17.8	89.2	20.0	18.2	90.8	1.70	70 - 130	20	
Bromomethane	20.0	18.3	91.7	20.0	18.0	90.2	1.72	30 - 145	20	
2-Butanone	20.0	20.3	102	20.0	20.6	103	1.08	30 - 150	20	
n-Butylbenzene	20.0	19.8	99.1	20.0	19.1	95.5	3.64	80 - 131	20	
sec-Butylbenzene	20.0	20.0	99.8	20.0	19.4	96.8	3.02	80 - 127	20	
tert-Butylbenzene	20.0	20.5	103	20.0	20.0	99.8	2.78	80 - 126	20	
Carbon disulfide	20.0	16.3	81.4	20.0	15.4	76.8	5.84	58 - 138	20	
Carbon tetrachloride	20.0	22.4	112	20.0	21.1	106	5.91	65 - 140	20	
Chlorobenzene	20.0	21.0	105	20.0	20.7	103	1.80	80 - 120	20	
Chlorodibromomethane	20.0	19.6	98.1	20.0	19.8	98.9	0.817	60 - 135	20	
Chloroethane	20.0	20.6	103	20.0	20.1	101	2.28	60 - 135	20	
2-Chloroethyl vinyl ether	20.0	16.3	81.3	20.0	16.2	80.9	0.467	58 - 151	20	
Chloroform	20.0	22.3	112	20.0	21.7	109	2.64	80 - 125	20	
Chloromethane	20.0	18.8	94.1	20.0	17.4	86.8	8.06	40 - 125	20	
2-Chlorotoluene	20.0	23.6	118	20.0	21.0	105	11.6	80 - 127	20	
4-Chlorotoluene	20.0	21.1	106	20.0	22.7	113	7.26	80 - 126	20	
1,2-Dibromo-3-chloropropane	20.0	19.5	97.7	20.0	19.8	99.1	1.36	50 - 130	20	
1,2-Dibromoethane	20.0	20.6	103	20.0	20.9	104	1.31	80 - 125	20	
Dibromomethane	20.0	20.2	101	20.0	20.2	101	0.0535	75 - 125	20	
1,2-Dichlorobenzene	20.0	21.2	106	20.0	21.1	106	0.413	80 - 125	20	
1,3-Dichlorobenzene	20.0	21.1	106	20.0	21.0	105	0.496	80 - 120	20	
1,4-Dichlorobenzene	20.0	20.4	102	20.0	20.2	101	1.19	80 - 120	20	
Dichlorodifluoromethane	20.0	25.3	127	20.0	24.0	120	5.51	50 - 133	20	
1,1-Dichloroethane	20.0	21.4	107	20.0	20.7	104	3.23	80 - 125	20	
1,2-Dichloroethane	20.0	21.2	106	20.0	20.8	104	1.64	80 - 129	20	
1,1-Dichloroethene	20.0	21.1	105	20.0	20.4	102	3.09	80 - 132	20	
cis-1,2-Dichloroethene	20.0	22.4	112	20.0	22.1	111	1.12	70 - 125	20	
trans-1,2-Dichloroethene	20.0	22.1	111	20.0	21.4	107	3.27	80 - 127	20	
1,2-Dichloropropane	20.0	21.1	106	20.0	20.9	104	1.02	80 - 120	20	
1,3-Dichloropropane	20.0	20.5	103	20.0	20.9	104	1.56	80 - 120	20	
2,2-Dichloropropane	20.0	20.0	100	20.0	19.5	97.4	2.83	80 - 133	20	
cis-1,3-Dichloropropene	20.0	19.3	96.4	20.0	19.2	96.0	0.460	70 - 130	20	
trans-1,3-Dichloropropene	20.0	20.3	101	20.0	20.4	102	0.397	80 - 130	20	
1,1-Dichloropropene	20.0	21.1	105	20.0	20.2	101	4.40	75 - 130	20	
Ethylbenzene	20.0	22.6	113	20.0	22.0	110	2.45	80 - 122	20	

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 906197
Report generated 10/17/2007 14:22

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0710370 Analyst:MES Prep Method:5030B
Instrument ID:HPMS6 Matrix:Water Method:8260B
Workgroup (AAB#):WG252772 Units:ug/L
QC Key:STD Lot #:STD22379

Sample ID:WG252772-02 LCS File ID:6M69922 Run Date:10/13/2007 15:02
Sample ID:WG252772-03 LCS2 File ID:6M69923 Run Date:10/13/2007 15:33

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
2-Hexanone	20.0	15.6	77.9	20.0	16.0	80.2	2.89	55 - 130	20	
Hexachlorobutadiene	20.0	22.1	110	20.0	21.0	105	4.99	72 - 132	20	
Isopropylbenzene	20.0	18.3	91.4	20.0	17.7	88.4	3.28	80 - 122	20	
p-Isopropyltoluene	20.0	19.5	97.7	20.0	18.9	94.4	3.42	80 - 122	20	
4-Methyl-2-pentanone	20.0	14.4	72.1	20.0	15.1	75.5	4.56	64 - 140	20	
Methylene chloride	20.0	19.9	99.4	20.0	20.2	101	1.61	80 - 123	20	
Naphthalene	20.0	19.1	95.7	20.0	19.7	98.5	2.89	59 - 149	20	
n-Propylbenzene	20.0	23.4	117	20.0	22.7	114	2.89	80 - 129	20	
Styrene	20.0	21.4	107	20.0	21.0	105	1.65	80 - 123	20	
1,1,1,2-Tetrachloroethane	20.0	22.3	112	20.0	22.0	110	1.52	80 - 130	20	
1,1,2,2-Tetrachloroethane	20.0	19.3	96.3	20.0	20.0	99.9	3.66	79 - 125	20	
Tetrachloroethene	20.0	23.7	119	20.0	23.1	115	2.91	80 - 124	20	
Toluene	20.0	22.9	114	20.0	22.3	112	2.42	80 - 124	20	
1,2,3-Trichlorobenzene	20.0	20.6	103	20.0	20.8	104	1.03	55 - 140	20	
1,2,4-Trichlorobenzene	20.0	20.7	103	20.0	20.6	103	0.314	65 - 135	20	
1,1,1-Trichloroethane	20.0	21.8	109	20.0	21.0	105	3.79	80 - 134	20	
1,1,2-Trichloroethane	20.0	20.8	104	20.0	21.4	107	2.69	80 - 125	20	
Trichloroethene	20.0	23.1	115	20.0	22.4	112	2.88	80 - 122	20	
Trichlorofluoromethane	20.0	18.9	94.6	20.0	17.9	89.4	5.75	62 - 151	20	
1,2,3-Trichloropropane	20.0	21.2	106	20.0	21.7	108	2.38	75 - 125	20	
1,2,4-Trimethylbenzene	20.0	23.5	117	20.0	23.0	115	2.16	80 - 125	20	
1,3,5-Trimethylbenzene	20.0	20.7	104	20.0	20.2	101	2.65	80 - 127	20	
Vinyl acetate	20.0	13.8	69.0	20.0	13.3	66.7	3.30	10 - 150	20	
Vinyl chloride	20.0	19.7	98.3	20.0	17.6	87.9	11.2	65 - 140	20	
o-Xylene	20.0	21.2	106	20.0	20.9	105	1.34	80 - 122	20	
m-,p-Xylene	40.0	45.0	112	40.0	43.8	110	2.62	80 - 122	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	95.8	96.9	86 - 118	PASS
1,2-Dichloroethane-d4	96.4	96.5	80 - 120	PASS
Toluene-d8	102	103	88 - 110	PASS
4-Bromofluorobenzene	97.5	98.8	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 02/08/2007
Version 1.5 PDF File ID: 906197
Report generated 10/17/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0710370 Tune ID: WG249872-01
Instrument: HPMS6 Run Date: 09/12/2007
Analyst: CMS Run Time: 08:45
Workgroup: WG249872 File ID: 6M68862
Cal ID: HPMS6-12-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	21.0	10950	PASS
75.0	95.0	30.0	60.0	52.0	27058	PASS
95.0	95.0	100	100	100	52032	PASS
96.0	95.0	5.00	9.00	7.69	4001	PASS
173	174	0	2.00	1.04	432	PASS
174	95.0	50.0	100	79.6	41429	PASS
175	174	5.00	9.00	7.99	3309	PASS
176	174	95.0	101	95.5	39581	PASS
177	176	5.00	9.00	6.66	2636	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG249872-02	STD	01	09/12/2007 09:44	
WG249872-03	STD	01	09/12/2007 10:17	
WG249872-06	STD	01	09/12/2007 12:25	
WG249872-07	STD-CCV	01	09/12/2007 12:57	
WG249872-08	STD	01	09/12/2007 13:30	
WG249872-09	STD	01	09/12/2007 14:02	
WG249872-10	STD	01	09/12/2007 14:34	
WG249872-05	STD	01	09/12/2007 16:10	
WG249872-04	STD	01	09/12/2007 17:13	
WG249872-11	SSCV	01	09/12/2007 17:45	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 906209
Report generated 10/17/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0710370 Tune ID: WG252771-01
Instrument: HPMS6 Run Date: 10/13/2007
Analyst: MES Run Time: 12:58
Workgroup: WG252771 File ID: 6M69918
Cal ID: HPMS6-12-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	19.7	6413	PASS
75.0	95.0	30.0	60.0	49.5	16149	PASS
95.0	95.0	100	100	100	32624	PASS
96.0	95.0	5.00	9.00	7.08	2311	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	73.5	23978	PASS
175	174	5.00	9.00	7.30	1751	PASS
176	174	95.0	101	95.5	22904	PASS
177	176	5.00	9.00	7.09	1625	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG252771-02	CCV	01	10/13/2007 13:26	
WG252772-01	BLANK	01	10/13/2007 14:30	
WG252772-02	LCS	01	10/13/2007 15:02	
WG252772-03	LCS2	01	10/13/2007 15:33	
L0710370-02	16WW12-101107	DL01	10/14/2007 00:38	
WG252772-04	BLANK2	01	10/14/2007 02:14	*

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 906209
Report generated 10/17/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0710370 Tune ID: WG252937-01
Instrument: HPMS6 Run Date: 10/16/2007
Analyst: CMS Run Time: 09:07
Workgroup: WG252937 File ID: 6M70020
Cal ID: HPMS6-12-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	21.0	8624	PASS
75.0	95.0	30.0	60.0	50.5	20720	PASS
95.0	95.0	100	100	100	41045	PASS
96.0	95.0	5.00	9.00	7.08	2908	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	77.7	31901	PASS
175	174	5.00	9.00	7.10	2265	PASS
176	174	95.0	101	95.8	30565	PASS
177	176	5.00	9.00	6.03	1842	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG252937-02	CCV	01	10/16/2007 09:30	
WG252939-01	BLANK	01	10/16/2007 10:34	
WG252939-02	LCS	01	10/16/2007 11:06	
L0710370-03	16WW39-101107	DL01	10/16/2007 12:10	
WG252939-03	REF	01	10/16/2007 18:01	
WG252939-04	MS	01	10/16/2007 18:33	
WG252939-05	MSD	01	10/16/2007 19:05	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 906209
Report generated 10/17/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0710370 Tune ID: WG251019-01
Instrument: HPMS8 Run Date: 09/25/2007
Analyst: CMS Run Time: 16:11
Workgroup: WG251019 File ID: 8M339911
Cal ID: HPMS8-25-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	20.0	9464	PASS
75.0	95.0	30.0	60.0	43.2	20426	PASS
95.0	95.0	100	100	100	47232	PASS
96.0	95.0	5.00	9.00	6.69	3162	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	77.8	36770	PASS
175	174	5.00	9.00	7.09	2607	PASS
176	174	95.0	101	96.4	35450	PASS
177	176	5.00	9.00	7.16	2538	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG251019-02	STD	01	09/25/2007 17:11	
WG251019-03	STD	01	09/25/2007 17:40	
WG251019-04	STD	01	09/25/2007 18:10	
WG251019-05	STD	01	09/25/2007 18:39	
WG251019-06	STD	01	09/25/2007 19:08	
WG251019-07	STD	01	09/25/2007 19:38	
WG251019-08	STD-CCV	01	09/25/2007 20:07	
WG251019-09	STD	01	09/25/2007 20:36	
WG251019-10	STD	01	09/25/2007 21:05	
WG251019-11	STD	01	09/25/2007 21:35	
WG251019-12	SSCV	01	09/25/2007 23:03	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 906209
Report generated 10/17/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0710370 Tune ID: WG252784-01
Instrument: HPMS8 Run Date: 10/14/2007
Analyst: CMS Run Time: 10:53
Workgroup: WG252784 File ID: 8M340644
Cal ID: HPMS8-25-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	20.4	3892	PASS
75.0	95.0	30.0	60.0	39.2	7500	PASS
95.0	95.0	100	100	100	19120	PASS
96.0	95.0	5.00	9.00	7.10	1358	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	85.3	16304	PASS
175	174	5.00	9.00	7.50	1223	PASS
176	174	95.0	101	97.6	15912	PASS
177	176	5.00	9.00	6.84	1089	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG252784-02	CCV	01	10/14/2007 11:18	
WG252785-01	BLANK	01	10/14/2007 11:51	
WG252785-02	LCS	01	10/14/2007 13:01	
L0710370-02	16WW12-101107	DL02	10/14/2007 13:31	
L0710370-01	16WW40-101007	DL01	10/14/2007 14:01	
WG252785-03	REF	01	10/14/2007 16:59	
WG252785-04	MS	01	10/14/2007 17:29	
WG252785-05	MSD	01	10/14/2007 17:58	

* Sample past 12 hour tune limit

KEMRON FORMS - Modified 03/12/2007
Version 1.3 PDF File ID: 906209
Report generated 10/17/2007 14:22

Login Number: L0710370 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 12-SEP-07 17:13
ICAL Workgroup: WG249872 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
1,1-Dichloroethene	CCC	0.3558	16.7	1.00	
1,2-Dichloropropane	CCC	0.2029	10.3		
Chloroform	CCC	0.4804	5.84		
Ethylbenzene	CCC	0.4624	13.3		
Toluene	CCC	1.206	9.04		
Vinyl Chloride	CCC	0.2892	17.8		1.00
1,1,2,2-Tetrachloroethane	SPCC	0.3514	6.11		
1,1-Dichloroethane	SPCC	0.4276	7.39		
Bromoform	SPCC	0.1734	18.8	0.999	
Chlorobenzene	SPCC	0.8816	5.96		
Chloromethane	SPCC	0.3222	14.3		
1,1,1,2-Tetrachloroethane		0.3350	12.7		
1,1,1-Trichloroethane		0.4205	18.1		1.00
1,1,2-Trichloroethane		0.1958	7.73		
1,1-Dichloropropene		0.3101	21.9	1.00	
1,2,3-Trichlorobenzene		0.7346	6.25		
1,2,3-Trichloropropane		0.1163	11.0		
1,2,4-Trichlorobenzene		0.8920	5.68		
1,2,4-Trimethylbenzene		2.352	10.8		
1,2-Dibromo-3-Chloropropane		0.06537	13.5		
1,2-Dibromoethane		0.2009	8.58		
1,2-Dichlorobenzene		1.193	5.57		
1,2-Dichloroethane		0.3345	4.48		
1,3,5-Trimethylbenzene		2.082	19.2		1.00
1,3-Dichlorobenzene		1.378	6.17		
1,3-Dichloropropane		0.3573	4.25		
1,4-Dichlorobenzene		1.429	3.28		
2,2-Dichloropropane		0.3942	20.9	1.00	
2-Butanone		0.04932	5.32		
2-Chloroethyl Vinyl Ether		0.09048	9.10		
2-Chlorotoluene		1.997	9.19		
2-Hexanone		0.09588	10.1		
4-Chlorotoluene		1.918	9.65		
4-Methyl-2-Pentanone		0.04165	10.9		
Acetone		0.03707	8.52		
Benzene		0.8916	6.60		
Bromobenzene		0.6454	8.96		
Bromochloromethane		0.1416	5.22		
Bromodichloromethane		0.3399	9.79		
Bromomethane		0.2032	4.19		
Carbon Disulfide		0.6910	17.6	0.999	
Carbon Tetrachloride		0.3865	21.3		1.00
Chloroethane		0.1749	7.69		
Dibromochloromethane		0.2762	15.6	1.00	
Dibromomethane		0.1225	5.15		

KEMRON FORMS - Modified 01/18/2007
Version 1.5 PDF File ID: 906207
Report generated 10/17/2007 14:22

Login Number: L0710370 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 12-SEP-07 17:13
ICAL Workgroup: WG249872 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
Dichlorodifluoromethane		0.3625	7.36		
Hexachlorobutadiene		0.4842	12.9		
Isopropylbenzene		1.375	20.6		1.00
Methylene Chloride		0.3718	61.8	1.00	
Naphthalene		1.190	19.0		1.00
Styrene		0.9660	14.0		
Tetrachloroethene		0.3323	13.9		
Trichloroethene		0.2408	13.9		
Trichlorofluoromethane		0.5431	6.51		
Vinyl Acetate		0.2424	5.27		
cis-1,2-Dichloroethene		0.2464	13.8		
cis-1,3-Dichloropropene		0.3378	17.8	1.00	
m-,p-Xylene		0.5741	13.0		
n-Butylbenzene		2.233	17.9		1.00
n-Propylbenzene		2.984	15.0		
o-Xylene		0.5689	14.0		
p-Isopropyltoluene		2.280	22.5		1.00
sec-Butylbenzene		2.639	18.7		1.00
tert-Butylbenzene		0.4945	16.9		1.00
trans-1,2-Dichloroethene		0.2329	12.4		
trans-1,3-Dichloropropene		0.3965	14.3		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

Login Number: L0710370 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 25-SEP-07 21:35
ICAL Workgroup: WG251019 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
1,1-Dichloroethene	CCC	0.3400	10.3		
1,2-Dichloropropane	CCC	0.2288	3.60		
Chloroform	CCC	0.3867	6.19		
Ethylbenzene	CCC	0.4339	14.1		
Toluene	CCC	1.216	11.2		
Vinyl Chloride	CCC	0.1177	17.4		1.00
1,1,2,2-Tetrachloroethane	SPCC	0.3457	5.12		
1,1-Dichloroethane	SPCC	0.4272	3.99		
Bromoform	SPCC	0.1255	11.9		
Chlorobenzene	SPCC	0.8824	14.9		
Chloromethane	SPCC	0.2069	11.3		
1,1,1,2-Tetrachloroethane		0.2652	12.0		
1,1,1-Trichloroethane		0.3311	7.94		
1,1,2-Trichloroethane		0.1857	5.67		
1,1-Dichloropropene		0.2925	7.89		
1,2,3-Trichlorobenzene		0.5490	13.5		
1,2,3-Trichloropropane		0.1078	7.49		
1,2,4-Trichlorobenzene		0.7534	11.4		
1,2,4-Trimethylbenzene		2.209	10.3		
1,2-Dibromo-3-Chloropropane		0.05880	8.57		
1,2-Dibromoethane		0.1836	7.72		
1,2-Dichlorobenzene		1.203	9.25		
1,2-Dichloroethane		0.2639	6.26		
1,3,5-Trimethylbenzene		2.128	9.23		
1,3-Dichlorobenzene		1.366	10.2		
1,3-Dichloropropane		0.3255	5.82		
1,4-Dichlorobenzene		1.364	10.3		
2,2-Dichloropropane		0.3265	6.66		
2-Butanone		0.05430	3.09		
2-Chloroethyl Vinyl Ether		0.09620	7.70		
2-Chlorotoluene		2.039	11.0		
2-Hexanone		0.05350	5.54		
4-Chlorotoluene		1.895	11.2		
4-Methyl-2-Pentanone		0.04528	3.65		
Acetone		0.03555	5.39		
Benzene		0.9202	9.71		
Bromobenzene		0.6778	7.97		
Bromochloromethane		0.1337	7.23		
Bromodichloromethane		0.2590	7.11		
Bromomethane		0.1451	8.80		
Carbon Disulfide		0.6379	9.48		
Carbon Tetrachloride		0.2824	10.7		
Chloroethane		0.1759	7.41		
Dibromochloromethane		0.2249	12.4		
Dibromomethane		0.1008	4.92		

KEMRON FORMS - Modified 01/18/2007
Version 1.5 PDF File ID: 906207
Report generated 10/17/2007 14:22

Login Number: L0710370 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 25-SEP-07 21:35
ICAL Workgroup: WG251019 **Column ID:** F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R^2)
Dichlorodifluoromethane		0.2639	12.4		
Hexachlorobutadiene		0.2529	10.7		
Isopropylbenzene		1.300	9.37		
Methylene Chloride		0.3471	62.8		1.00
Naphthalene		1.233	10.9		
Styrene		0.9018	10.8		
Tetrachloroethene		0.2413	8.56		
Trichloroethene		0.2447	6.59		
Trichlorofluoromethane		0.3576	12.6		
Vinyl Acetate		0.1905	3.43		
cis-1,2-Dichloroethene		0.2441	4.99		
cis-1,3-Dichloropropene		0.3280	4.89		
m-,p-Xylene		0.5622	9.30		
n-Butylbenzene		1.970	8.59		
n-Propylbenzene		2.979	9.82		
o-Xylene		0.5570	10.7		
p-Isopropyltoluene		2.266	8.23		
sec-Butylbenzene		2.527	8.25		
tert-Butylbenzene		0.4843	6.81		
trans-1,2-Dichloroethene		0.3438	5.75		
trans-1,3-Dichloropropene		0.3430	4.65		

R = Correlation coefficient; 0.995 minimum
R^2 = Coefficient of determination; 0.99 minimum

Login Number: L0710370 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 12-SEP-07 17:13
Column ID: F

Analyte	WG249872-02			WG249872-03			WG249872-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	4587.00000	0.3224	1.00	10509.0000	0.2470
1,2-Dichloropropane	NA	NA	NA	0.400	2443.00000	0.1717	1.00	7498.00000	0.1762
Chloroform	0.300	5306.00000	0.4849	0.400	6619.00000	0.4652	1.00	18238.0000	0.4286
Ethylbenzene	NA	NA	NA	0.400	4601.00000	0.4183	1.00	11570.0000	0.3544
Toluene	NA	NA	NA	0.400	12098.0000	1.100	1.00	33469.0000	1.025
Vinyl Chloride	NA	NA	NA	0.400	5161.00000	0.3627	1.00	13902.0000	0.3267
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	1960.00000	0.3084	1.00	6285.00000	0.3373
1,1-Dichloroethane	NA	NA	NA	0.400	5842.00000	0.4106	1.00	15792.0000	0.3712
Bromoform	NA	NA	NA	NA	NA	NA	1.00	4077.00000	0.1249
Chlorobenzene	NA	NA	NA	0.400	9843.00000	0.8949	1.00	25575.0000	0.7835
Chloromethane	NA	NA	NA	0.400	5507.00000	0.3871	1.00	16143.0000	0.3794
1,1,1,2-Tetrachloroethane	NA	NA	NA	0.400	3100.00000	0.2818	1.00	9152.00000	0.2804
1,1,1-Trichloroethane	NA	NA	NA	0.400	5243.00000	0.3685	1.00	12283.0000	0.2887
1,1,2-Trichloroethane	NA	NA	NA	0.400	1824.00000	0.1658	1.00	6093.00000	0.1866
1,1-Dichloropropene	NA	NA	NA	0.400	3545.00000	0.2492	1.00	8314.00000	0.1954
1,2,3-Trichlorobenzene	0.300	3280.00000	0.6857	0.400	4199.00000	0.6606	1.00	13558.0000	0.7277
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	1.00	1687.00000	0.09050
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	5365.00000	0.8441	1.00	15177.0000	0.8146
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	1.00	35075.0000	1.883
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	1.00	904.000000	0.04850
1,2-Dibromoethane	NA	NA	NA	0.400	1873.00000	0.1703	1.00	6037.00000	0.1849
1,2-Dichlorobenzene	0.300	5332.00000	1.115	0.400	7270.00000	1.144	1.00	20554.0000	1.103
1,2-Dichloroethane	NA	NA	NA	0.400	4920.00000	0.3458	1.00	13308.0000	0.3128
1,3,5-Trimethylbenzene	NA	NA	NA	0.400	9528.00000	1.499	1.00	28786.0000	1.545
1,3-Dichlorobenzene	NA	NA	NA	0.400	8316.00000	1.308	1.00	23090.0000	1.239
1,3-Dichloropropane	NA	NA	NA	0.400	3739.00000	0.3399	1.00	10883.0000	0.3334
1,4-Dichlorobenzene	0.300	6962.00000	1.456	0.400	9221.00000	1.451	1.00	25048.0000	1.344
2,2-Dichloropropane	NA	NA	NA	0.400	4696.00000	0.3301	1.00	10967.0000	0.2578
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	10914.0000	1.717	1.00	32713.0000	1.756
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	0.400	12006.0000	1.889	1.00	29601.0000	1.589
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	12695.0000	0.8923	1.00	33087.0000	0.7776
Bromobenzene	0.300	2622.00000	0.5482	0.400	3769.00000	0.5930	1.00	11212.0000	0.6018
Bromochloromethane	NA	NA	NA	0.400	1873.00000	0.1316	1.00	5596.00000	0.1315
Bromodichloromethane	NA	NA	NA	0.400	4443.00000	0.3123	1.00	12093.0000	0.2842
Bromomethane	NA	NA	NA	0.400	2927.00000	0.2057	1.00	8845.00000	0.2079
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	20458.0000	0.4808
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	1.00	10387.0000	0.2441

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Version 1.6 PDF File ID: 906207
Report generated 10/17/2007 14:22

Login Number: L0710370 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 12-SEP-07 17:13
Column ID: F

Analyte	WG249872-05			WG249872-06			WG249872-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	5.00	73426.0000	0.3307	20.0	296889.000	0.3751	50.0	875967.000	0.4080
1,2-Dichloropropane	5.00	44962.0000	0.2025	20.0	165544.000	0.2092	50.0	469705.000	0.2188
Chloroform	5.00	101921.000	0.4590	20.0	390963.000	0.4940	50.0	1098963.00	0.5118
Ethylbenzene	5.00	75835.0000	0.4432	20.0	291384.000	0.4753	50.0	855098.000	0.5166
Toluene	5.00	206972.000	1.210	20.0	776896.000	1.267	50.0	2220874.00	1.342
Vinyl Chloride	5.00	55168.0000	0.2485	20.0	237945.000	0.3006	50.0	586472.000	0.2731
1,1,2,2-Tetrachloroethane	5.00	35441.0000	0.3599	20.0	134784.000	0.3621	50.0	361810.000	0.3586
1,1-Dichloroethane	5.00	91449.0000	0.4119	20.0	346748.000	0.4381	50.0	982845.000	0.4578
Bromoform	5.00	24306.0000	0.1421	20.0	111372.000	0.1817	50.0	308290.000	0.1862
Chlorobenzene	5.00	144875.000	0.8467	20.0	542648.000	0.8852	50.0	1536707.00	0.9283
Chloromethane	5.00	64135.0000	0.2888	20.0	264153.000	0.3337	50.0	659813.000	0.3073
1,1,1,2-Tetrachloroethane	5.00	53948.0000	0.3153	20.0	215026.000	0.3507	50.0	610034.000	0.3685
1,1,1-Trichloroethane	5.00	85535.0000	0.3852	20.0	353270.000	0.4463	50.0	1060915.00	0.4941
1,1,2-Trichloroethane	5.00	33624.0000	0.1965	20.0	124586.000	0.2032	50.0	338680.000	0.2046
1,1-Dichloropropene	5.00	64675.0000	0.2913	20.0	263833.000	0.3333	50.0	797798.000	0.3716
1,2,3-Trichlorobenzene	5.00	75295.0000	0.7645	20.0	288002.000	0.7737	50.0	803349.000	0.7962
1,2,3-Trichloropropane	5.00	11775.0000	0.1196	20.0	46054.0000	0.1237	50.0	120312.000	0.1192
1,2,4-Trichlorobenzene	5.00	87845.0000	0.8920	20.0	342517.000	0.9201	50.0	973493.000	0.9648
1,2,4-Trimethylbenzene	5.00	230686.000	2.342	20.0	906449.000	2.435	50.0	2611130.00	2.588
1,2-Dibromo-3-Chloropropane	5.00	6162.00000	0.06260	20.0	26511.0000	0.07120	50.0	71679.0000	0.07100
1,2-Dibromoethane	5.00	34209.0000	0.1999	20.0	128127.000	0.2090	50.0	354868.000	0.2144
1,2-Dichlorobenzene	5.00	118945.000	1.208	20.0	456353.000	1.226	50.0	1288265.00	1.277
1,2-Dichloroethane	5.00	72374.0000	0.3259	20.0	278328.000	0.3517	50.0	742911.000	0.3460
1,3,5-Trimethylbenzene	5.00	208566.000	2.118	20.0	840810.000	2.259	50.0	2473013.00	2.451
1,3-Dichlorobenzene	5.00	134831.000	1.369	20.0	512510.000	1.377	50.0	1476949.00	1.464
1,3-Dichloropropane	5.00	60708.0000	0.3548	20.0	227922.000	0.3718	50.0	608127.000	0.3674
1,4-Dichlorobenzene	5.00	138818.000	1.410	20.0	526459.000	1.414	50.0	1496412.00	1.483
2,2-Dichloropropane	5.00	78493.0000	0.3535	20.0	330707.000	0.4178	50.0	1003380.00	0.4673
2-Butanone	5.00	10119.0000	0.04560	20.0	37936.0000	0.04790	50.0	104719.000	0.04880
2-Chloroethyl Vinyl Ether	5.00	17167.0000	0.07730	20.0	70646.0000	0.08930	50.0	195376.000	0.09100
2-Chlorotoluene	5.00	205743.000	2.089	20.0	781844.000	2.100	50.0	2075837.00	2.057
2-Hexanone	5.00	13780.0000	0.08050	20.0	55993.0000	0.09130	50.0	153546.000	0.09280
4-Chlorotoluene	5.00	185900.000	1.888	20.0	713919.000	1.918	50.0	2205781.00	2.186
4-Methyl-2-Pentanone	5.00	7723.00000	0.03480	20.0	31426.0000	0.03970	50.0	84800.0000	0.03950
Acetone	5.00	9187.00000	0.04140	20.0	30631.0000	0.03870	50.0	78983.0000	0.03680
Benzene	5.00	193166.000	0.8699	20.0	711466.000	0.8989	50.0	2047087.00	0.9534
Bromobenzene	5.00	64760.0000	0.6576	20.0	248107.000	0.6665	50.0	695702.000	0.6895
Bromochloromethane	5.00	31194.0000	0.1405	20.0	115031.000	0.1453	50.0	316730.000	0.1475
Bromodichloromethane	5.00	72153.0000	0.3250	20.0	283759.000	0.3585	50.0	779590.000	0.3631
Bromomethane	5.00	42982.0000	0.1936	20.0	150427.000	0.1901	50.0	433407.000	0.2019
Carbon Disulfide	5.00	136281.000	0.6138	20.0	576926.000	0.7289	50.0	1629993.00	0.7592
Carbon Tetrachloride	5.00	74245.0000	0.3344	20.0	323533.000	0.4088	50.0	975594.000	0.4544

KEMRON FORMS - Modified 10/13/2006
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Login Number: L0710370 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 12-SEP-07 17:13
Column ID: F

Analyte	WG249872-08			WG249872-09			WG249872-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	100	1844901.00	0.4046	200	4171118.00	0.4027	NA	NA	NA
1,2-Dichloropropane	100	1018665.00	0.2234	200	2261053.00	0.2183	NA	NA	NA
Chloroform	100	2325133.00	0.5099	200	5073981.00	0.4898	NA	NA	NA
Ethylbenzene	100	1943185.00	0.5205	200	4180248.00	0.5083	NA	NA	NA
Toluene	100	4768565.00	1.277	200	10010811.0	1.217	NA	NA	NA
Vinyl Chloride	100	1018453.00	0.2233	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	100	868416.000	0.3688	200	1824066.00	0.3648	NA	NA	NA
1,1-Dichloroethane	100	2088847.00	0.4581	200	4616213.00	0.4457	NA	NA	NA
Bromoform	100	775730.000	0.2078	200	1624697.00	0.1976	NA	NA	NA
Chlorobenzene	100	3500774.00	0.9378	200	7356575.00	0.8946	NA	NA	NA
Chloromethane	100	1322803.00	0.2901	200	2789620.00	0.2693	NA	NA	NA
1,1,1,2-Tetrachloroethane	100	1429917.00	0.3830	200	3002591.00	0.3651	NA	NA	NA
1,1,1-Trichloroethane	100	2230113.00	0.4891	200	4888261.00	0.4719	NA	NA	NA
1,1,2-Trichloroethane	100	779367.000	0.2088	200	1688582.00	0.2053	NA	NA	NA
1,1-Dichloropropene	100	1682289.00	0.3689	200	3736900.00	0.3608	NA	NA	NA
1,2,3-Trichlorobenzene	100	1771426.00	0.7522	200	3581589.00	0.7163	NA	NA	NA
1,2,3-Trichloropropane	100	292481.000	0.1242	200	603106.000	0.1206	NA	NA	NA
1,2,4-Trichlorobenzene	100	2173845.00	0.9231	200	4425871.00	0.8852	NA	NA	NA
1,2,4-Trimethylbenzene	100	6001927.00	2.549	200	11562645.0	2.313	NA	NA	NA
1,2-Dibromo-3-Chloropropane	100	165049.000	0.07010	200	344088.000	0.06880	NA	NA	NA
1,2-Dibromoethane	100	802120.000	0.2149	200	1752267.00	0.2131	NA	NA	NA
1,2-Dichlorobenzene	100	2989493.00	1.269	200	6011828.00	1.202	NA	NA	NA
1,2-Dichloroethane	100	1548524.00	0.3396	200	3310321.00	0.3196	NA	NA	NA
1,3,5-Trimethylbenzene	100	5739678.00	2.437	200	11311369.0	2.262	NA	NA	NA
1,3-Dichlorobenzene	100	3492354.00	1.483	200	7033954.00	1.407	NA	NA	NA
1,3-Dichloropropane	100	1376914.00	0.3688	200	3001017.00	0.3649	NA	NA	NA
1,4-Dichlorobenzene	100	3480417.00	1.478	200	6973813.00	1.395	NA	NA	NA
2,2-Dichloropropane	100	2144873.00	0.4704	200	4793295.00	0.4627	NA	NA	NA
2-Butanone	100	241378.000	0.05290	200	534216.000	0.05160	300	756176.000	0.04910
2-Chloroethyl Vinyl Ether	100	445874.000	0.09780	200	1004699.00	0.09700	NA	NA	NA
2-Chlorotoluene	100	5155899.00	2.189	200	10363691.0	2.073	NA	NA	NA
2-Hexanone	100	400822.000	0.1074	200	819435.000	0.09960	300	1249972.00	0.1037
4-Chlorotoluene	100	4872796.00	2.069	200	9453982.00	1.891	NA	NA	NA
4-Methyl-2-Pentanone	100	217085.000	0.04760	200	461814.000	0.04460	300	673386.000	0.04370
Acetone	100	172771.000	0.03790	200	368986.000	0.03560	300	492778.000	0.03200
Benzene	100	4331776.00	0.9500	200	9315419.00	0.8993	NA	NA	NA
Bromobenzene	100	1672714.00	0.7103	200	3480461.00	0.6961	NA	NA	NA
Bromochloromethane	100	682033.000	0.1496	200	1504062.00	0.1452	NA	NA	NA
Bromodichloromethane	100	1708315.00	0.3746	200	3744091.00	0.3615	NA	NA	NA
Bromomethane	100	969430.000	0.2126	200	2178767.00	0.2103	NA	NA	NA
Carbon Disulfide	100	3672935.00	0.8055	200	7849495.00	0.7578	NA	NA	NA
Carbon Tetrachloride	100	2045132.00	0.4485	200	4442000.00	0.4288	NA	NA	NA

KEMRON FORMS - Modified 10/13/2006
Version 1.6 PDF File ID: 906207
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Login Number: L0710370 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 12-SEP-07 17:13
Column ID: F

Analyte	WG249872-02			WG249872-03			WG249872-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	NA	NA	NA	0.400	2123.00000	0.1492	1.00	7292.00000	0.1714
Dibromochloromethane	NA	NA	NA	0.400	2369.00000	0.2154	1.00	7410.00000	0.2270
Dibromomethane	NA	NA	NA	0.400	1747.00000	0.1228	1.00	4655.00000	0.1094
Dichlorodifluoromethane	NA	NA	NA	0.400	4964.00000	0.3489	1.00	17058.0000	0.4009
Hexachlorobutadiene	NA	NA	NA	0.400	2570.00000	0.4043	1.00	7503.00000	0.4027
Isopropylbenzene	NA	NA	NA	0.400	10845.0000	0.9860	1.00	32580.0000	0.9980
Methylene Chloride	NA	NA	NA	0.400	12173.0000	0.8556	1.00	20363.0000	0.4786
Naphthalene	NA	NA	NA	0.400	4750.00000	0.7473	1.00	19406.0000	1.042
Styrene	NA	NA	NA	NA	NA	NA	1.00	23705.0000	0.7262
Tetrachloroethene	NA	NA	NA	0.400	3276.00000	0.2978	1.00	8282.00000	0.2537
Trichloroethene	NA	NA	NA	0.400	2984.00000	0.2097	1.00	7952.00000	0.1869
Trichlorofluoromethane	NA	NA	NA	0.400	7084.00000	0.4979	1.00	23169.0000	0.5445
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2711.00000	0.1905	1.00	8903.00000	0.2092
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3607.00000	0.2535	1.00	11014.0000	0.2589
m-,p-Xylene	NA	NA	NA	0.800	10614.0000	0.4825	2.00	30411.0000	0.4658
n-Butylbenzene	NA	NA	NA	0.400	10859.0000	1.708	1.00	31199.0000	1.675
n-Propylbenzene	NA	NA	NA	NA	NA	NA	1.00	40143.0000	2.155
o-Xylene	NA	NA	NA	NA	NA	NA	1.00	13924.0000	0.4265
p-Isopropyltoluene	NA	NA	NA	0.400	9253.00000	1.456	1.00	31626.0000	1.698
sec-Butylbenzene	NA	NA	NA	0.400	12322.0000	1.939	1.00	37053.0000	1.989
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	1.00	6332.00000	0.3399
trans-1,2-Dichloroethene	NA	NA	NA	0.400	2956.00000	0.2078	1.00	7897.00000	0.1856
trans-1,3-Dichloropropene	NA	NA	NA	0.400	3508.00000	0.3189	1.00	10465.0000	0.3206

Login Number: L0710370
Analytical Method: 8260B
Instrument ID: HPMS6
Initial Calibration Date: 12-SEP-07 17:13
Column ID: F

Analyte	WG249872-05			WG249872-06			WG249872-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	5.00	37590.0000	0.1693	20.0	141782.000	0.1791	50.0	386664.000	0.1801
Dibromochloromethane	5.00	43947.0000	0.2568	20.0	180891.000	0.2951	50.0	501803.000	0.3031
Dibromomethane	5.00	26926.0000	0.1213	20.0	100018.000	0.1264	50.0	272590.000	0.1270
Dichlorodifluoromethane	5.00	75447.0000	0.3398	20.0	308356.000	0.3896	50.0	803168.000	0.3741
Hexachlorobutadiene	5.00	45545.0000	0.4625	20.0	185440.000	0.4981	50.0	546332.000	0.5415
Isopropylbenzene	5.00	228846.000	1.338	20.0	916502.000	1.495	50.0	2715792.00	1.641
Methylene Chloride	5.00	63825.0000	0.2874	20.0	194000.000	0.2451	50.0	526089.000	0.2450
Naphthalene	5.00	121012.000	1.229	20.0	510188.000	1.371	50.0	1391980.00	1.380
Styrene	5.00	153759.000	0.8986	20.0	607970.000	0.9917	50.0	1744873.00	1.054
Tetrachloroethene	5.00	53161.0000	0.3107	20.0	215789.000	0.3520	50.0	632671.000	0.3822
Trichloroethene	5.00	51483.0000	0.2319	20.0	193231.000	0.2441	50.0	574353.000	0.2675
Trichlorofluoromethane	5.00	108696.000	0.4895	20.0	455535.000	0.5755	50.0	1206310.00	0.5618
Vinyl Acetate	5.00	48834.0000	0.2199	20.0	193826.000	0.2449	50.0	536611.000	0.2499
cis-1,2-Dichloroethene	5.00	54663.0000	0.2462	20.0	202686.000	0.2561	50.0	588377.000	0.2740
cis-1,3-Dichloropropene	5.00	72138.0000	0.3249	20.0	289025.000	0.3652	50.0	820320.000	0.3821
m-,p-Xylene	10.0	193375.000	0.5651	40.0	742040.000	0.6052	100	2160563.00	0.6526
n-Butylbenzene	5.00	218202.000	2.216	20.0	903867.000	2.428	50.0	2678880.00	2.655
n-Propylbenzene	5.00	293009.000	2.975	20.0	1177900.00	3.164	50.0	3423839.00	3.393
o-Xylene	5.00	90773.0000	0.5305	20.0	355940.000	0.5806	50.0	1027533.00	0.6207
p-Isopropyltoluene	5.00	224566.000	2.280	20.0	933284.000	2.507	50.0	2783780.00	2.759
sec-Butylbenzene	5.00	260064.000	2.641	20.0	1062226.00	2.853	50.0	3169658.00	3.141
tert-Butylbenzene	5.00	46397.0000	0.4711	20.0	185527.000	0.4984	50.0	545822.000	0.5409
trans-1,2-Dichloroethene	5.00	49921.0000	0.2248	20.0	185785.000	0.2347	50.0	553860.000	0.2580
trans-1,3-Dichloropropene	5.00	65243.0000	0.3813	20.0	265895.000	0.4337	50.0	731107.000	0.4417

Login Number: L0710370 **Instrument ID:** HPMS6
Analytical Method: 8260B **Initial Calibration Date:** 12-SEP-07 17:13
Column ID: F

Analyte	WG249872-08			WG249872-09			WG249872-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	100	867889.000	0.1903	200	1914928.00	0.1849	NA	NA	NA
Dibromochloromethane	100	1199284.00	0.3213	200	2587493.00	0.3147	NA	NA	NA
Dibromomethane	100	583928.000	0.1281	200	1266619.00	0.1223	NA	NA	NA
Dichlorodifluoromethane	100	1625694.00	0.3565	200	3397461.00	0.3280	NA	NA	NA
Hexachlorobutadiene	100	1280152.00	0.5436	200	2684582.00	0.5369	NA	NA	NA
Isopropylbenzene	100	6220540.00	1.666	200	12367171.0	1.504	NA	NA	NA
Methylene Chloride	100	1129271.00	0.2476	200	2517463.00	0.2430	NA	NA	NA
Naphthalene	100	3091154.00	1.313	200	6233517.00	1.247	NA	NA	NA
Styrene	100	4106973.00	1.100	200	8429320.00	1.025	NA	NA	NA
Tetrachloroethene	100	1364498.00	0.3655	200	2997366.00	0.3645	NA	NA	NA
Trichloroethene	100	1254555.00	0.2751	200	2802802.00	0.2706	NA	NA	NA
Trichlorofluoromethane	100	2614690.00	0.5734	200	5792188.00	0.5592	NA	NA	NA
Vinyl Acetate	100	1142359.00	0.2505	200	2555538.00	0.2467	NA	NA	NA
cis-1,2-Dichloroethene	100	1263004.00	0.2770	200	2814758.00	0.2717	NA	NA	NA
cis-1,3-Dichloropropene	100	1804707.00	0.3958	200	3976552.00	0.3839	NA	NA	NA
m-,p-Xylene	200	4824787.00	0.6462	400	9884957.00	0.6010	NA	NA	NA
n-Butylbenzene	100	6142267.00	2.608	200	11722321.0	2.345	NA	NA	NA
n-Propylbenzene	100	7793303.00	3.309	200	14521594.0	2.904	NA	NA	NA
o-Xylene	100	2384256.00	0.6387	200	5067807.00	0.6163	NA	NA	NA
p-Isopropyltoluene	100	6490905.00	2.756	200	12535369.0	2.507	NA	NA	NA
sec-Butylbenzene	100	7338462.00	3.116	200	13967828.0	2.794	NA	NA	NA
tert-Butylbenzene	100	1319348.00	0.5602	200	2781886.00	0.5564	NA	NA	NA
trans-1,2-Dichloroethene	100	1192030.00	0.2614	200	2669119.00	0.2577	NA	NA	NA
trans-1,3-Dichloropropene	100	1649506.00	0.4419	200	3595358.00	0.4372	NA	NA	NA

Login Number: L0710370 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 25-SEP-07 21:35
Column ID: F

Analyte	WG251019-02			WG251019-03			WG251019-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	2913.00000	0.2763	1.00	9395.00000	0.3494
1,2-Dichloropropane	NA	NA	NA	0.400	2340.00000	0.2220	1.00	6269.00000	0.2332
Chloroform	0.300	3354.00000	0.4204	0.400	4333.00000	0.4110	1.00	10769.0000	0.4005
Ethylbenzene	NA	NA	NA	0.400	3804.00000	0.4668	1.00	9923.00000	0.4745
Toluene	NA	NA	NA	0.400	11137.0000	1.367	1.00	27843.0000	1.332
Vinyl Chloride	NA	NA	NA	NA	NA	NA	1.00	4135.00000	0.1538
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	1381.00000	0.3097	1.00	3938.00000	0.3489
1,1-Dichloroethane	NA	NA	NA	0.400	4706.00000	0.4464	1.00	11758.0000	0.4373
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2157.00000	0.1031
Chlorobenzene	0.300	6269.00000	1.013	0.400	8321.00000	1.021	1.00	20110.0000	0.9617
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	6751.00000	0.2511
1,1,1,2-Tetrachloroethane	NA	NA	NA	0.400	2066.00000	0.2535	1.00	5793.00000	0.2770
1,1,1-Trichloroethane	NA	NA	NA	0.400	3104.00000	0.2944	1.00	9218.00000	0.3428
1,1,2-Trichloroethane	NA	NA	NA	0.400	1617.00000	0.1984	1.00	3963.00000	0.1895
1,1-Dichloropropene	NA	NA	NA	0.400	2787.00000	0.2644	1.00	8258.00000	0.3071
1,2,3-Trichlorobenzene	0.300	1749.00000	0.5262	0.400	2806.00000	0.6292	1.00	6966.00000	0.6172
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	1.00	1023.00000	0.09060
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	3661.00000	0.8209	1.00	9304.00000	0.8244
1,2,4-Trimethylbenzene	NA	NA	NA	0.400	10248.0000	2.298	1.00	27709.0000	2.455
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	0.400	1262.00000	0.1549	1.00	3883.00000	0.1857
1,2-Dichlorobenzene	0.300	4287.00000	1.290	0.400	5674.00000	1.272	1.00	14616.0000	1.295
1,2-Dichloroethane	NA	NA	NA	0.400	2540.00000	0.2409	1.00	7367.00000	0.2740
1,3,5-Trimethylbenzene	NA	NA	NA	0.400	9907.00000	2.222	1.00	26195.0000	2.321
1,3-Dichlorobenzene	NA	NA	NA	0.400	6655.00000	1.492	1.00	16706.0000	1.480
1,3-Dichloropropane	NA	NA	NA	0.400	2559.00000	0.3140	1.00	7130.00000	0.3410
1,4-Dichlorobenzene	0.300	4921.00000	1.480	0.400	6297.00000	1.412	1.00	16980.0000	1.505
2,2-Dichloropropane	NA	NA	NA	0.400	3315.00000	0.3144	1.00	9137.00000	0.3398
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NA	NA	NA	NA	NA	NA	1.00	2208.00000	0.08210
2-Chlorotoluene	NA	NA	NA	0.400	9562.00000	2.144	1.00	24910.0000	2.207
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	0.400	9584.00000	2.149	1.00	23654.0000	2.096
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	9966.00000	0.9453	1.00	27364.0000	1.018
Bromobenzene	0.300	2413.00000	0.7259	0.400	3162.00000	0.7090	1.00	8078.00000	0.7158
Bromochloromethane	NA	NA	NA	0.400	1202.00000	0.1140	1.00	3722.00000	0.1384
Bromodichloromethane	NA	NA	NA	0.400	2319.00000	0.2200	1.00	6931.00000	0.2578
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	3733.00000	0.1388
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	18250.0000	0.6788
Carbon Tetrachloride	NA	NA	NA	0.400	2484.00000	0.2356	1.00	7724.00000	0.2873

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Login Number: L0710370 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 25-SEP-07 21:35
Column ID: F

Analyte	WG251019-05			WG251019-06			WG251019-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	18076.0000	0.3350	5.00	40131.0000	0.2990	20.0	203380.000	0.3737
1,2-Dichloropropane	2.00	12672.0000	0.2348	5.00	30551.0000	0.2276	20.0	130045.000	0.2390
Chloroform	2.00	20975.0000	0.3887	5.00	49211.0000	0.3666	20.0	215531.000	0.3961
Ethylbenzene	2.00	20351.0000	0.4859	5.00	45939.0000	0.4391	20.0	202811.000	0.4755
Toluene	2.00	53770.0000	1.284	5.00	124708.000	1.192	20.0	548294.000	1.285
Vinyl Chloride	2.00	7205.00000	0.1335	5.00	12846.0000	0.09570	20.0	65023.0000	0.1195
1,1,2,2-Tetrachloroethane	2.00	7873.00000	0.3438	5.00	20060.0000	0.3556	20.0	84385.0000	0.3679
1,1-Dichloroethane	2.00	22833.0000	0.4231	5.00	54140.0000	0.4033	20.0	241998.000	0.4447
Bromoform	2.00	4703.00000	0.1123	5.00	12207.0000	0.1167	20.0	58168.0000	0.1364
Chlorobenzene	2.00	39406.0000	0.9408	5.00	92533.0000	0.8845	20.0	390436.000	0.9153
Chloromethane	2.00	11760.0000	0.2179	5.00	24116.0000	0.1797	20.0	112531.000	0.2068
1,1,1,2-Tetrachloroethane	2.00	11795.0000	0.2816	5.00	30038.0000	0.2871	20.0	128511.000	0.3013
1,1,1-Trichloroethane	2.00	18366.0000	0.3403	5.00	39819.0000	0.2966	20.0	197857.000	0.3636
1,1,2-Trichloroethane	2.00	7793.00000	0.1861	5.00	19895.0000	0.1902	20.0	83262.0000	0.1952
1,1-Dichloropropene	2.00	16194.0000	0.3001	5.00	34348.0000	0.2559	20.0	172924.000	0.3178
1,2,3-Trichlorobenzene	2.00	13676.0000	0.5973	5.00	32681.0000	0.5794	20.0	133449.000	0.5818
1,2,3-Trichloropropane	2.00	2527.00000	0.1104	5.00	6158.00000	0.1092	20.0	26495.0000	0.1155
1,2,4-Trichlorobenzene	2.00	18278.0000	0.7983	5.00	44269.0000	0.7848	20.0	183743.000	0.8010
1,2,4-Trimethylbenzene	2.00	53541.0000	2.338	5.00	125870.000	2.232	20.0	538817.000	2.349
1,2-Dibromo-3-Chloropropane	2.00	1146.00000	0.05000	5.00	3120.00000	0.05530	20.0	14056.0000	0.06130
1,2-Dibromoethane	2.00	7747.00000	0.1850	5.00	19909.0000	0.1903	20.0	85819.0000	0.2012
1,2-Dichlorobenzene	2.00	28428.0000	1.242	5.00	70022.0000	1.241	20.0	287748.000	1.254
1,2-Dichloroethane	2.00	14944.0000	0.2769	5.00	37037.0000	0.2759	20.0	152376.000	0.2800
1,3,5-Trimethylbenzene	2.00	51024.0000	2.228	5.00	117837.000	2.089	20.0	525572.000	2.291
1,3-Dichlorobenzene	2.00	33158.0000	1.448	5.00	78652.0000	1.394	20.0	327645.000	1.428
1,3-Dichloropropane	2.00	14179.0000	0.3385	5.00	35645.0000	0.3407	20.0	146736.000	0.3440
1,4-Dichlorobenzene	2.00	33219.0000	1.451	5.00	78062.0000	1.384	20.0	324630.000	1.415
2,2-Dichloropropane	2.00	17724.0000	0.3284	5.00	37863.0000	0.2821	20.0	189493.000	0.3482
2-Butanone	NA	NA	NA	5.00	7196.00000	0.05360	20.0	30717.0000	0.05640
2-Chloroethyl Vinyl Ether	2.00	4909.00000	0.09100	5.00	12892.0000	0.09600	20.0	55958.0000	0.1028
2-Chlorotoluene	2.00	50700.0000	2.214	5.00	114053.000	2.022	20.0	498839.000	2.175
2-Hexanone	NA	NA	NA	5.00	4989.00000	0.04770	20.0	23749.0000	0.05570
4-Chlorotoluene	2.00	45226.0000	1.975	5.00	108754.000	1.928	20.0	453961.000	1.979
4-Methyl-2-Pentanone	NA	NA	NA	5.00	5757.00000	0.04290	20.0	25695.0000	0.04720
Acetone	NA	NA	NA	5.00	4953.00000	0.03690	20.0	20393.0000	0.03750
Benzene	2.00	54531.0000	1.011	5.00	125104.000	0.9320	20.0	520865.000	0.9572
Bromobenzene	2.00	15983.0000	0.6980	5.00	39175.0000	0.6945	20.0	162075.000	0.7066
Bromochloromethane	2.00	7659.00000	0.1419	5.00	18262.0000	0.1360	20.0	77595.0000	0.1426
Bromodichloromethane	2.00	14057.0000	0.2605	5.00	34455.0000	0.2567	20.0	151665.000	0.2787
Bromomethane	2.00	7514.00000	0.1392	5.00	16488.0000	0.1228	20.0	79087.0000	0.1453
Carbon Disulfide	2.00	31115.0000	0.5766	5.00	74467.0000	0.5548	20.0	387898.000	0.7128
Carbon Tetrachloride	2.00	15615.0000	0.2893	5.00	32501.0000	0.2421	20.0	171964.000	0.3160

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Analytical Method: 8260B **Initial Calibration Date:** 25-SEP-07 21:35
Column ID: F

Analyte	WG251019-08			WG251019-09			WG251019-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	498982.000	0.3705	100	949045.000	0.3632	200	1892764.00	0.3532
1,2-Dichloropropane	50.0	314090.000	0.2332	100	593039.000	0.2270	200	1142370.00	0.2132
Chloroform	50.0	518192.000	0.3848	100	963621.000	0.3688	200	1841743.00	0.3437
Ethylbenzene	50.0	467018.000	0.4403	100	815346.000	0.3839	200	1326698.00	0.3053
Toluene	50.0	1292214.00	1.218	100	2330746.00	1.097	200	4146136.00	0.9541
Vinyl Chloride	50.0	155035.000	0.1151	100	283241.000	0.1084	200	525324.000	0.09800
1,1,2,2-Tetrachloroethane	50.0	205864.000	0.3568	100	403618.000	0.3497	200	774465.000	0.3333
1,1-Dichloroethane	50.0	587247.000	0.4360	100	1106178.00	0.4233	200	2160769.00	0.4032
Bromoform	50.0	148707.000	0.1402	100	298782.000	0.1407	200	561500.000	0.1292
Chlorobenzene	50.0	893778.000	0.8426	100	1585538.00	0.7465	200	2676342.00	0.6158
Chloromethane	50.0	266127.000	0.1976	100	490984.000	0.1879	200	1111821.00	0.2075
1,1,1,2-Tetrachloroethane	50.0	293091.000	0.2763	100	519195.000	0.2444	200	870249.000	0.2003
1,1,1-Trichloroethane	50.0	479984.000	0.3564	100	890373.000	0.3407	200	1681693.00	0.3138
1,1,2-Trichloroethane	50.0	196081.000	0.1848	100	371137.000	0.1747	200	723579.000	0.1665
1,1-Dichloropropene	50.0	421512.000	0.3130	100	790547.000	0.3025	200	1498034.00	0.2795
1,2,3-Trichlorobenzene	50.0	305948.000	0.5302	100	559071.000	0.4843	200	918202.000	0.3952
1,2,3-Trichloropropane	50.0	64885.0000	0.1125	100	126952.000	0.1100	200	246640.000	0.1061
1,2,4-Trichlorobenzene	50.0	427223.000	0.7404	100	786285.000	0.6812	200	1338233.00	0.5759
1,2,4-Trimethylbenzene	50.0	1281105.00	2.220	100	2372656.00	2.055	200	4006904.00	1.725
1,2-Dibromo-3-Chloropropane	50.0	35892.0000	0.06220	100	71889.0000	0.06230	200	143416.000	0.06170
1,2-Dibromoethane	50.0	206657.000	0.1948	100	389456.000	0.1834	200	755515.000	0.1738
1,2-Dichlorobenzene	50.0	680110.000	1.179	100	1265348.00	1.096	200	2223287.00	0.9568
1,2-Dichloroethane	50.0	360736.000	0.2679	100	672900.000	0.2575	200	1277697.00	0.2384
1,3,5-Trimethylbenzene	50.0	1241404.00	2.152	100	2308838.00	2.000	200	3990452.00	1.717
1,3-Dichlorobenzene	50.0	781327.000	1.354	100	1447296.00	1.254	200	2507104.00	1.079
1,3-Dichloropropane	50.0	344431.000	0.3247	100	655368.000	0.3085	200	1269632.00	0.2922
1,4-Dichlorobenzene	50.0	769369.000	1.333	100	1425886.00	1.235	200	2455229.00	1.057
2,2-Dichloropropane	50.0	464977.000	0.3453	100	879694.000	0.3367	200	1700672.00	0.3173
2-Butanone	50.0	70708.0000	0.05250	100	142008.000	0.05430	200	301271.000	0.05620
2-Chloroethyl Vinyl Ether	50.0	137475.000	0.1021	100	262265.000	0.1004	200	530581.000	0.09900
2-Chlorotoluene	50.0	1213879.00	2.104	100	2183144.00	1.891	200	3610177.00	1.554
2-Hexanone	50.0	56514.0000	0.05330	100	116960.000	0.05510	200	239538.000	0.05510
4-Chlorotoluene	50.0	1045060.00	1.811	100	1982519.00	1.717	200	3486351.00	1.500
4-Methyl-2-Pentanone	50.0	60213.0000	0.04470	100	120113.000	0.04600	200	250456.000	0.04670
Acetone	50.0	46872.0000	0.03480	100	92554.0000	0.03540	200	195615.000	0.03650
Benzene	50.0	1218016.00	0.9044	100	2220793.00	0.8499	200	3989505.00	0.7444
Bromobenzene	50.0	383265.000	0.6642	100	726763.000	0.6296	200	1294067.00	0.5569
Bromochloromethane	50.0	186783.000	0.1387	100	346863.000	0.1327	200	672988.000	0.1256
Bromodichloromethane	50.0	372872.000	0.2769	100	701784.000	0.2686	200	1354094.00	0.2527
Bromomethane	50.0	208456.000	0.1548	100	416573.000	0.1594	200	833996.000	0.1556
Carbon Disulfide	50.0	922186.000	0.6847	100	1716820.00	0.6570	200	3217942.00	0.6004
Carbon Tetrachloride	50.0	423600.000	0.3145	100	781642.000	0.2991	200	1477002.00	0.2756

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Analytical Method: 8260B
Instrument ID: HPMS8
Initial Calibration Date: 25-SEP-07 21:35
Column ID: F

Analyte	WG251019-11		
	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA
Chloroform	NA	NA	NA
Ethylbenzene	NA	NA	NA
Toluene	NA	NA	NA
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA
Bromoform	NA	NA	NA
Chlorobenzene	NA	NA	NA
Chloromethane	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA
1,2-Dibromo-3-Chloropropane	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA
2-Butanone	300	442098.000	0.05280
2-Chloroethyl Vinyl Ether	NA	NA	NA
2-Chlorotoluene	NA	NA	NA
2-Hexanone	300	360721.000	0.05410
4-Chlorotoluene	NA	NA	NA
4-Methyl-2-Pentanone	300	369493.000	0.04420
Acetone	300	269233.000	0.03220
Benzene	NA	NA	NA
Bromobenzene	NA	NA	NA
Bromochloromethane	NA	NA	NA
Bromodichloromethane	NA	NA	NA
Bromomethane	NA	NA	NA
Carbon Disulfide	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA

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Analyte	WG251019-02			WG251019-03			WG251019-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	4817.00000	0.1792
Dibromochloromethane	NA	NA	NA	0.400	1399.00000	0.1717	1.00	4363.00000	0.2086
Dibromomethane	NA	NA	NA	0.400	1005.00000	0.09530	1.00	2659.00000	0.09890
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.00	7891.00000	0.2935
Hexachlorobutadiene	NA	NA	NA	0.400	865.000000	0.1940	1.00	2957.00000	0.2620
Isopropylbenzene	NA	NA	NA	0.400	11014.0000	1.352	1.00	28918.0000	1.383
Methylene Chloride	NA	NA	NA	0.400	8769.00000	0.8318	1.00	13022.0000	0.4843
Naphthalene	NA	NA	NA	0.400	5993.00000	1.344	1.00	14836.0000	1.315
Styrene	NA	NA	NA	0.400	7938.00000	0.9742	1.00	19858.0000	0.9496
Tetrachloroethene	NA	NA	NA	0.400	1830.00000	0.2246	1.00	5076.00000	0.2427
Trichloroethene	NA	NA	NA	0.400	2480.00000	0.2352	1.00	6916.00000	0.2572
Trichlorofluoromethane	NA	NA	NA	0.400	3164.00000	0.3001	1.00	10396.0000	0.3866
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2720.00000	0.2580	1.00	6666.00000	0.2479
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3636.00000	0.3449	1.00	8354.00000	0.3107
m-,p-Xylene	NA	NA	NA	0.800	9470.00000	0.5811	2.00	25780.0000	0.6164
n-Butylbenzene	NA	NA	NA	0.400	9048.00000	2.029	1.00	24577.0000	2.178
n-Propylbenzene	NA	NA	NA	0.400	13639.0000	3.058	1.00	36127.0000	3.201
o-Xylene	NA	NA	NA	0.400	4876.00000	0.5984	1.00	12462.0000	0.5959
p-Isopropyltoluene	NA	NA	NA	0.400	10072.0000	2.259	1.00	27542.0000	2.440
sec-Butylbenzene	NA	NA	NA	0.400	11293.0000	2.532	1.00	30989.0000	2.746
tert-Butylbenzene	NA	NA	NA	0.400	2126.00000	0.4767	1.00	5707.00000	0.5057
trans-1,2-Dichloroethene	NA	NA	NA	0.400	3363.00000	0.3190	1.00	9710.00000	0.3611
trans-1,3-Dichloropropene	NA	NA	NA	0.400	2787.00000	0.3420	1.00	6848.00000	0.3275

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Column ID: F

Analyte	WG251019-05			WG251019-06			WG251019-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	2.00	9442.00000	0.1750	5.00	19999.0000	0.1490	20.0	102072.000	0.1876
Dibromochloromethane	2.00	8740.00000	0.2087	5.00	23532.0000	0.2249	20.0	108252.000	0.2538
Dibromomethane	2.00	5550.00000	0.1028	5.00	14360.0000	0.1070	20.0	58281.0000	0.1071
Dichlorodifluoromethane	2.00	14433.0000	0.2674	5.00	26393.0000	0.1966	20.0	157478.000	0.2894
Hexachlorobutadiene	2.00	6034.00000	0.2635	5.00	13521.0000	0.2397	20.0	63446.0000	0.2766
Isopropylbenzene	2.00	57733.0000	1.378	5.00	130824.000	1.251	20.0	600795.000	1.409
Methylene Chloride	2.00	18422.0000	0.3414	5.00	35451.0000	0.2641	20.0	126663.000	0.2328
Naphthalene	2.00	29625.0000	1.294	5.00	73859.0000	1.309	20.0	302116.000	1.317
Styrene	2.00	40040.0000	0.9560	5.00	96027.0000	0.9179	20.0	417990.000	0.9799
Tetrachloroethene	2.00	11056.0000	0.2640	5.00	23464.0000	0.2243	20.0	114377.000	0.2681
Trichloroethene	2.00	13621.0000	0.2524	5.00	30259.0000	0.2254	20.0	144806.000	0.2661
Trichlorofluoromethane	2.00	19399.0000	0.3595	5.00	36779.0000	0.2740	20.0	212279.000	0.3901
Vinyl Acetate	2.00	9710.00000	0.1799	5.00	26729.0000	0.1991	20.0	103416.000	0.1900
cis-1,2-Dichloroethene	2.00	13266.0000	0.2458	5.00	32158.0000	0.2396	20.0	139743.000	0.2568
cis-1,3-Dichloropropene	2.00	17205.0000	0.3188	5.00	43873.0000	0.3268	20.0	189264.000	0.3478
m-,p-Xylene	4.00	50508.0000	0.6029	10.0	114846.000	0.5489	40.0	502953.000	0.5896
n-Butylbenzene	2.00	46278.0000	2.021	5.00	104888.000	1.860	20.0	485383.000	2.116
n-Propylbenzene	2.00	72583.0000	3.170	5.00	162612.000	2.883	20.0	750328.000	3.271
o-Xylene	2.00	24934.0000	0.5953	5.00	58658.0000	0.5607	20.0	255950.000	0.6001
p-Isopropyltoluene	2.00	53538.0000	2.338	5.00	122172.000	2.166	20.0	566111.000	2.468
sec-Butylbenzene	2.00	60223.0000	2.630	5.00	133985.000	2.375	20.0	626523.000	2.731
tert-Butylbenzene	2.00	11219.0000	0.4900	5.00	26365.0000	0.4674	20.0	120720.000	0.5263
trans-1,2-Dichloroethene	2.00	19093.0000	0.3538	5.00	42871.0000	0.3194	20.0	199348.000	0.3663
trans-1,3-Dichloropropene	2.00	14245.0000	0.3401	5.00	36190.0000	0.3459	20.0	157750.000	0.3698

Login Number: L0710370 **Instrument ID:** HPMS8
Analytical Method: 8260B **Initial Calibration Date:** 25-SEP-07 21:35
Column ID: F

Analyte	WG251019-08			WG251019-09			WG251019-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
Chloroethane	50.0	252097.000	0.1872	100	469667.000	0.1797	200	930955.000	0.1737
Dibromochloromethane	50.0	267621.000	0.2523	100	523192.000	0.2463	200	1010473.00	0.2325
Dibromomethane	50.0	137880.000	0.1024	100	259527.000	0.09930	200	501637.000	0.09360
Dichlorodifluoromethane	50.0	377596.000	0.2804	100	685057.000	0.2622	200	1381518.00	0.2578
Hexachlorobutadiene	50.0	158542.000	0.2748	100	308035.000	0.2668	200	571481.000	0.2460
Isopropylbenzene	50.0	1433461.00	1.351	100	2624740.00	1.236	200	4523384.00	1.041
Methylene Chloride	50.0	295457.000	0.2194	100	547478.000	0.2095	200	1034868.00	0.1931
Naphthalene	50.0	699523.000	1.212	100	1295156.00	1.122	200	2211870.00	0.9519
Styrene	50.0	971066.000	0.9154	100	1765454.00	0.8312	200	2998430.00	0.6900
Tetrachloroethene	50.0	273631.000	0.2580	100	503968.000	0.2373	200	919177.000	0.2115
Trichloroethene	50.0	345242.000	0.2563	100	636379.000	0.2435	200	1186177.00	0.2213
Trichlorofluoromethane	50.0	524519.000	0.3895	100	985618.000	0.3772	200	2056443.00	0.3837
Vinyl Acetate	50.0	259173.000	0.1924	100	507379.000	0.1942	200	1004478.00	0.1874
cis-1,2-Dichloroethene	50.0	333298.000	0.2475	100	620690.000	0.2375	200	1177709.00	0.2198
cis-1,3-Dichloropropene	50.0	459919.000	0.3415	100	859976.000	0.3291	200	1631763.00	0.3045
m-,p-Xylene	100	1128620.00	0.5320	200	1972266.00	0.4643	NA	NA	NA
n-Butylbenzene	50.0	1171343.00	2.030	100	2175699.00	1.885	200	3817589.00	1.643
n-Propylbenzene	50.0	1771197.00	3.070	100	3246017.00	2.812	200	5497589.00	2.366
o-Xylene	50.0	597118.000	0.5629	100	1091766.00	0.5140	200	1861731.00	0.4284
p-Isopropyltoluene	50.0	1365209.00	2.366	100	2544049.00	2.204	200	4385600.00	1.887
sec-Butylbenzene	50.0	1517330.00	2.630	100	2832683.00	2.454	200	4928158.00	2.121
tert-Butylbenzene	50.0	294323.000	0.5101	100	553401.000	0.4794	200	972443.000	0.4185
trans-1,2-Dichloroethene	50.0	483285.000	0.3588	100	907472.000	0.3473	200	1737988.00	0.3243
trans-1,3-Dichloropropene	50.0	380821.000	0.3590	100	721599.000	0.3397	200	1390156.00	0.3199

Login Number: L0710370
Analytical Method: 8260B
Instrument ID: HPMS8
Initial Calibration Date: 25-SEP-07 21:35
Column ID: F

Analyte	WG251019-11		
	CONC	RESP	RF
Chloroethane	NA	NA	NA
Dibromochloromethane	NA	NA	NA
Dibromomethane	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA
Isopropylbenzene	NA	NA	NA
Methylene Chloride	NA	NA	NA
Naphthalene	NA	NA	NA
Styrene	NA	NA	NA
Tetrachloroethene	NA	NA	NA
Trichloroethene	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA
Vinyl Acetate	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA
m-,p-Xylene	NA	NA	NA
n-Butylbenzene	NA	NA	NA
n-Propylbenzene	NA	NA	NA
o-Xylene	NA	NA	NA
p-Isopropyltoluene	NA	NA	NA
sec-Butylbenzene	NA	NA	NA
tert-Butylbenzene	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA

Login Number: L0710370 Run Date: 09/12/2007 Sample ID: WG249872-11
Instrument ID: HPMS6 Run Time: 17:45 Method: 8260B
File ID: 6M68879 Analyst: CMS QC Key: STD
ICal Workgroup: WG249872 Cal ID: HPMS6 - 12-SEP-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloroform	CCC	20.0	21.1	ug/L	0.507	5.40	30	
1,1-Dichloroethene	CCC	20.0	21.1	ug/L	0.417	5.40	30	
1,2-Dichloropropane	CCC	20.0	21.8	ug/L	0.222	9.20	30	
Ethylbenzene	CCC	20.0	22.4	ug/L	0.518	11.9	30	
Toluene	CCC	20.0	22.7	ug/L	1.37	13.4	30	
Vinyl Chloride	CCC	20.0	19.1	ug/L	0.287	4.30	30	
Bromoform	SPCC	20.0	17.9	ug/L	0.169	10.6	30	
Chlorobenzene	SPCC	20.0	21.2	ug/L	0.933	5.80	30	
Chloromethane	SPCC	20.0	20.4	ug/L	0.329	2.20	30	
1,1-Dichloroethane	SPCC	20.0	21.6	ug/L	0.462	8.00	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	21.7	ug/L	0.381	8.50	30	
Acetone		20.0	24.1	ug/L	0.0446	20.4	30	
Benzene		20.0	21.8	ug/L	0.974	9.20	30	
Bromobenzene		20.0	22.0	ug/L	0.710	10.0	30	
Bromochloromethane		20.0	21.3	ug/L	0.151	6.30	30	
Bromodichloromethane		20.0	21.6	ug/L	0.368	8.20	30	
Bromomethane		20.0	22.2	ug/L	0.226	11.1	30	
2-Butanone		20.0	22.8	ug/L	0.0561	13.8	30	
n-Butylbenzene		20.0	19.8	ug/L	2.64	0.800	30	
sec-Butylbenzene		20.0	19.9	ug/L	3.15	0.600	30	
tert-Butylbenzene		20.0	20.3	ug/L	0.537	1.30	30	
Carbon Disulfide		20.0	19.0	ug/L	0.729	4.80	30	
Carbon Tetrachloride		20.0	19.7	ug/L	0.432	1.30	30	
Dibromochloromethane		20.0	19.2	ug/L	0.294	3.90	30	
Chloroethane		20.0	22.5	ug/L	0.197	12.4	30	
2-Chloroethyl Vinyl Ether		20.0	20.2	ug/L	0.0912	0.900	30	
2-Chlorotoluene		20.0	22.8	ug/L	2.28	14.0	30	
4-Chlorotoluene		20.0	20.9	ug/L	2.01	4.60	30	
1,2-Dibromo-3-Chloropropane		20.0	21.7	ug/L	0.0709	8.50	30	
1,2-Dibromoethane		20.0	21.8	ug/L	0.220	9.20	30	
Dibromomethane		20.0	20.5	ug/L	0.126	2.50	30	
1,2-Dichlorobenzene		20.0	21.7	ug/L	1.29	8.40	30	
1,3-Dichlorobenzene		20.0	20.9	ug/L	1.44	4.70	30	
1,4-Dichlorobenzene		20.0	20.4	ug/L	1.46	2.00	30	
Dichlorodifluoromethane		20.0	25.4	ug/L	0.460	26.8	30	
1,2-Dichloroethane		20.0	20.5	ug/L	0.343	2.50	30	
cis-1,2-Dichloroethene		20.0	22.8	ug/L	0.281	14.0	30	
trans-1,2-Dichloroethene		20.0	21.8	ug/L	0.254	8.90	30	
1,3-Dichloropropane		20.0	21.6	ug/L	0.386	8.00	30	
2,2-Dichloropropane		20.0	18.5	ug/L	0.418	7.40	30	
cis-1,3-Dichloropropene		20.0	19.3	ug/L	0.368	3.40	30	
trans-1,3-Dichloropropene		20.0	20.3	ug/L	0.403	1.60	30	

KEMRON FORMS - Modified 09/06/2007 - (ALT)
Version 1.5 PDF File ID: 906208
Report generated 10/17/2007 14:22

Login Number: L0710370 Run Date: 09/12/2007 Sample ID: WG249872-11
Instrument ID: HPMS6 Run Time: 17:45 Method: 8260B
File ID: 6M68879 Analyst: CMS QC Key: STD
ICal Workgroup: WG249872 Cal ID: HPMS6 - 12-SEP-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloropropene		20.0	20.2	ug/L	0.362	1.00	30	
2-Hexanone		20.0	19.7	ug/L	0.0943	1.60	30	
Hexachlorobutadiene		20.0	22.3	ug/L	0.539	11.3	30	
Isopropylbenzene		20.0	17.9	ug/L	1.48	10.3	30	
p-Isopropyltoluene		20.0	19.2	ug/L	2.66	3.80	30	
4-Methyl-2-Pentanone		20.0	18.9	ug/L	0.0393	5.60	30	
Methylene Chloride		20.0	20.5	ug/L	0.260	2.70	30	
Naphthalene		20.0	21.0	ug/L	1.44	5.20	30	
n-Propylbenzene		20.0	23.1	ug/L	3.44	15.4	30	
Styrene		20.0	21.8	ug/L	1.05	8.80	30	
1,1,1,2-Tetrachloroethane		20.0	21.3	ug/L	0.357	6.60	30	
Tetrachloroethene		20.0	22.6	ug/L	0.376	13.2	30	
1,2,3-Trichlorobenzene		20.0	22.2	ug/L	0.814	10.8	30	
1,2,4-Trichlorobenzene		20.0	21.7	ug/L	0.970	8.70	30	
1,1,1-Trichloroethane		20.0	19.5	ug/L	0.472	2.30	30	
1,1,2-Trichloroethane		20.0	21.9	ug/L	0.214	9.40	30	
Trichloroethene		20.0	22.5	ug/L	0.271	12.7	30	
Trichlorofluoromethane		20.0	17.7	ug/L	0.480	11.6	30	
1,2,3-Trichloropropane		20.0	22.0	ug/L	0.128	10.1	30	
1,2,4-Trimethylbenzene		20.0	23.0	ug/L	2.70	14.8	30	
1,3,5-Trimethylbenzene		20.0	20.1	ug/L	2.47	0.700	30	
Vinyl Acetate		20.0	28.6	ug/L	0.346	42.8	40	*
o-Xylene		20.0	21.6	ug/L	0.613	7.80	30	
m-,p-Xylene		40.0	45.3	ug/L	0.650	13.1	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2007 - (ALT)
Version 1.5 PDF File ID: 906208
Report generated 10/17/2007 14:22

KEMRON Environmental Services

ALTERNATE SOURCE CALIBRATION REPORT

00086153

Login Number: L0710370 Run Date: 09/25/2007 Sample ID: WG251019-12

Instrument ID: HPMS8 Run Time: 23:03 Method: 8260B

File ID: 8M339925 Analyst: CMS QC Key: STD

ICal Workgroup: WG251019 Cal ID: HPMS8 - 25-SEP-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloroform	CCC	20.0	21.4	ug/L	0.414	6.90	30	
1,1-Dichloroethene	CCC	20.0	23.5	ug/L	0.399	17.4	30	
1,2-Dichloropropane	CCC	20.0	21.6	ug/L	0.247	8.10	30	
Ethylbenzene	CCC	20.0	23.0	ug/L	0.498	14.8	30	
Toluene	CCC	20.0	22.1	ug/L	1.34	10.5	30	
Vinyl Chloride	CCC	20.0	22.2	ug/L	0.130	10.9	30	
Bromoform	SPCC	20.0	21.2	ug/L	0.133	5.90	30	
Chlorobenzene	SPCC	20.0	21.0	ug/L	0.926	4.90	30	
Chloromethane	SPCC	20.0	21.8	ug/L	0.225	8.80	30	
1,1-Dichloroethane	SPCC	20.0	21.8	ug/L	0.466	9.00	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	21.1	ug/L	0.364	5.30	30	
Acetone		20.0	21.8	ug/L	0.0388	9.00	30	
Benzene		20.0	20.6	ug/L	0.946	2.80	30	
Bromobenzene		20.0	21.8	ug/L	0.737	8.80	30	
Bromochloromethane		20.0	21.9	ug/L	0.147	9.60	30	
Bromodichloromethane		20.0	22.4	ug/L	0.290	12.0	30	
Bromomethane		20.0	24.9	ug/L	0.181	24.6	30	
2-Butanone		20.0	21.4	ug/L	0.0583	7.20	30	
n-Butylbenzene		20.0	22.4	ug/L	2.21	12.2	30	
sec-Butylbenzene		20.0	22.7	ug/L	2.87	13.5	30	
tert-Butylbenzene		20.0	23.0	ug/L	0.557	15.0	30	
Carbon Disulfide		20.0	20.2	ug/L	0.646	1.20	30	
Carbon Tetrachloride		20.0	22.8	ug/L	0.321	13.8	30	
Dibromochloromethane		20.0	22.5	ug/L	0.252	12.3	30	
Chloroethane		20.0	23.5	ug/L	0.207	17.4	30	
2-Chloroethyl Vinyl Ether		20.0	20.5	ug/L	0.0985	2.30	30	
2-Chlorotoluene		20.0	23.3	ug/L	2.38	16.6	30	
4-Chlorotoluene		20.0	20.0	ug/L	1.90	0.200	30	
1,2-Dibromo-3-Chloropropane		20.0	20.3	ug/L	0.0597	1.50	30	
1,2-Dibromoethane		20.0	21.8	ug/L	0.200	8.90	30	
Dibromomethane		20.0	21.3	ug/L	0.107	6.50	30	
1,2-Dichlorobenzene		20.0	21.3	ug/L	1.28	6.30	30	
1,3-Dichlorobenzene		20.0	21.3	ug/L	1.46	6.50	30	
1,4-Dichlorobenzene		20.0	21.0	ug/L	1.43	5.10	30	
Dichlorodifluoromethane		20.0	26.9	ug/L	0.354	34.3	30	*
1,2-Dichloroethane		20.0	20.8	ug/L	0.275	4.10	30	
cis-1,2-Dichloroethene		20.0	22.1	ug/L	0.269	10.3	30	
trans-1,2-Dichloroethene		20.0	22.1	ug/L	0.380	10.6	30	
1,3-Dichloropropane		20.0	21.3	ug/L	0.346	6.40	30	
2,2-Dichloropropane		20.0	21.1	ug/L	0.345	5.70	30	
cis-1,3-Dichloropropene		20.0	21.1	ug/L	0.346	5.30	30	
trans-1,3-Dichloropropene		20.0	19.8	ug/L	0.340	1.00	30	

KEMRON FORMS - Modified 09/06/2007 - (ALT)
Version 1.5 PDF File ID: 906208
Report generated 10/17/2007 14:22

Login Number: L0710370 Run Date: 09/25/2007 Sample ID: WG251019-12
Instrument ID: HPMS8 Run Time: 23:03 Method: 8260B
File ID: 8M339925 Analyst: CMS QC Key: STD
ICal Workgroup: WG251019 Cal ID: HPMS8 - 25-SEP-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
1,1-Dichloropropene		20.0	22.5	ug/L	0.329	12.5	30	
2-Hexanone		20.0	19.8	ug/L	0.0530	0.900	30	
Hexachlorobutadiene		20.0	23.5	ug/L	0.298	17.7	30	
Isopropylbenzene		20.0	21.0	ug/L	1.36	4.90	30	
p-Isopropyltoluene		20.0	22.3	ug/L	2.53	11.6	30	
4-Methyl-2-Pentanone		20.0	19.4	ug/L	0.0440	2.80	30	
Methylene Chloride		20.0	21.5	ug/L	0.248	7.60	30	
Naphthalene		20.0	21.0	ug/L	1.29	4.80	30	
n-Propylbenzene		20.0	22.6	ug/L	3.36	12.8	30	
Styrene		20.0	22.4	ug/L	1.01	12.1	30	
1,1,1,2-Tetrachloroethane		20.0	23.2	ug/L	0.308	16.0	30	
Tetrachloroethene		20.0	23.4	ug/L	0.282	17.0	30	
1,2,3-Trichlorobenzene		20.0	20.6	ug/L	0.566	3.00	30	
1,2,4-Trichlorobenzene		20.0	21.3	ug/L	0.802	6.40	30	
1,1,1-Trichloroethane		20.0	22.8	ug/L	0.377	13.9	30	
1,1,2-Trichloroethane		20.0	21.4	ug/L	0.198	6.80	30	
Trichloroethene		20.0	23.0	ug/L	0.281	14.8	30	
Trichlorofluoromethane		20.0	19.4	ug/L	0.347	2.90	30	
1,2,3-Trichloropropane		20.0	21.6	ug/L	0.116	7.80	30	
1,2,4-Trimethylbenzene		20.0	22.9	ug/L	2.53	14.3	30	
1,3,5-Trimethylbenzene		20.0	22.6	ug/L	2.40	13.0	30	
Vinyl Acetate		20.0	30.7	ug/L	0.292	53.3	40	*
o-Xylene		20.0	22.2	ug/L	0.618	10.9	30	
m-,p-Xylene		40.0	43.5	ug/L	0.611	8.70	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2007 - (ALT)
Version 1.5 PDF File ID: 906208
Report generated 10/17/2007 14:22

CONTINUING CALIBRATION VERIFICATION (CCV) 00086155

Login Number: L0710370 Run Date: 10/13/2007 Sample ID: WG252771-02
Instrument ID: HPMS6 Run Time: 13:26 Method: 8260B
File ID: 6M69919 Analyst: MES QC Key: STD
Workgroup (AAB#): WG252772 Cal ID: HPMS6 - 12-SEP-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	54.1	ug/L	0.520	8.16	20	
1,1-Dichloroethene	CCC	50.0	50.2	ug/L	0.402	0.407	20	
1,2-Dichloropropane	CCC	50.0	51.4	ug/L	0.209	2.77	20	
Ethylbenzene	CCC	50.0	54.3	ug/L	0.502	8.61	20	
Toluene	CCC	50.0	55.0	ug/L	1.33	10.0	20	
Vinyl Chloride	CCC	50.0	47.2	ug/L	0.260	5.51	20	
Bromoform	SPCC	50.0	48.7	ug/L	0.191	2.52	40	
Chlorobenzene	SPCC	50.0	51.7	ug/L	0.911	3.31	40	
Chloromethane	SPCC	50.0	41.5	ug/L	0.267	17.1	40	
1,1-Dichloroethane	SPCC	50.0	52.3	ug/L	0.447	4.61	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	49.2	ug/L	0.346	1.68	40	
Acetone		50.0	39.7	ug/L	0.0294	20.5	40	
Benzene		50.0	52.7	ug/L	0.940	5.43	40	
Bromobenzene		50.0	53.8	ug/L	0.695	7.64	40	
Bromochloromethane		50.0	52.3	ug/L	0.148	4.66	40	
Bromodichloromethane		50.0	55.4	ug/L	0.376	10.7	40	
Bromomethane		50.0	43.7	ug/L	0.178	12.6	40	
2-Butanone		50.0	39.8	ug/L	0.0393	20.4	40	
n-Butylbenzene		50.0	47.8	ug/L	2.56	4.34	40	
sec-Butylbenzene		50.0	47.8	ug/L	3.05	4.40	40	
tert-Butylbenzene		50.0	47.7	ug/L	0.524	4.50	40	
Carbon Disulfide		50.0	44.4	ug/L	0.680	11.3	40	
Carbon Tetrachloride		50.0	52.9	ug/L	0.478	5.76	40	
Dibromochloromethane		50.0	50.6	ug/L	0.316	1.18	40	
Chloroethane		50.0	47.6	ug/L	0.167	4.76	40	
2-Chloroethyl Vinyl Ether		50.0	48.3	ug/L	0.0874	3.36	40	
2-Chlorotoluene		50.0	55.1	ug/L	2.20	10.3	40	
4-Chlorotoluene		50.0	53.7	ug/L	2.06	7.47	40	
1,2-Dibromo-3-Chloropropane		50.0	53.1	ug/L	0.0694	6.22	40	
1,2-Dibromoethane		50.0	53.2	ug/L	0.214	6.47	40	
Dibromomethane		50.0	51.3	ug/L	0.126	2.55	40	
1,2-Dichlorobenzene		50.0	53.0	ug/L	1.26	5.94	40	
1,3-Dichlorobenzene		50.0	52.6	ug/L	1.45	5.26	40	
1,4-Dichlorobenzene		50.0	51.2	ug/L	1.46	2.30	40	
Dichlorodifluoromethane		50.0	59.2	ug/L	0.430	18.5	40	
1,2-Dichloroethane		50.0	53.1	ug/L	0.356	6.30	40	
cis-1,2-Dichloroethene		50.0	54.4	ug/L	0.268	8.83	40	
trans-1,2-Dichloroethene		50.0	55.1	ug/L	0.257	10.2	40	
1,3-Dichloropropane		50.0	50.8	ug/L	0.363	1.67	40	
2,2-Dichloropropane		50.0	51.5	ug/L	0.475	3.05	40	
cis-1,3-Dichloropropene		50.0	49.7	ug/L	0.382	0.698	40	
trans-1,3-Dichloropropene		50.0	56.3	ug/L	0.446	12.6	40	

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CONTINUING CALIBRATION VERIFICATION (CCV)

00086156

Login Number: L0710370 Run Date: 10/13/2007 Sample ID: WG252771-02
Instrument ID: HPMS6 Run Time: 13:26 Method: 8260B
File ID: 6M69919 Analyst: MES QC Key: STD
Workgroup (AAB#): WG252772 Cal ID: HPMS6 - 12-SEP-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloropropene		50.0	50.9	ug/L	0.368	1.73	40	
2-Hexanone		50.0	46.2	ug/L	0.0886	7.63	40	
Hexachlorobutadiene		50.0	53.0	ug/L	0.514	6.07	40	
Isopropylbenzene		50.0	48.0	ug/L	1.62	4.09	40	
p-Isopropyltoluene		50.0	48.2	ug/L	2.70	3.64	40	
4-Methyl-2-Pentanone		50.0	43.9	ug/L	0.0366	12.2	40	
Methylene Chloride		50.0	48.0	ug/L	0.237	3.98	40	
Naphthalene		50.0	51.1	ug/L	1.39	2.19	40	
n-Propylbenzene		50.0	56.7	ug/L	3.38	13.4	40	
Styrene		50.0	52.7	ug/L	1.02	5.46	40	
1,1,1,2-Tetrachloroethane		50.0	55.4	ug/L	0.371	10.9	40	
Tetrachloroethene		50.0	57.7	ug/L	0.384	15.4	40	
1,2,3-Trichlorobenzene		50.0	52.6	ug/L	0.772	5.12	40	
1,2,4-Trichlorobenzene		50.0	52.7	ug/L	0.940	5.35	40	
1,1,1-Trichloroethane		50.0	52.8	ug/L	0.520	5.69	40	
1,1,2-Trichloroethane		50.0	51.6	ug/L	0.202	3.16	40	
Trichloroethene		50.0	56.3	ug/L	0.271	12.7	40	
Trichlorofluoromethane		50.0	53.6	ug/L	0.583	7.24	40	
1,2,3-Trichloropropane		50.0	54.2	ug/L	0.126	8.47	40	
1,2,4-Trimethylbenzene		50.0	55.0	ug/L	2.59	9.96	40	
1,3,5-Trimethylbenzene		50.0	49.7	ug/L	2.46	0.688	40	
Vinyl Acetate		50.0	29.2	ug/L	0.142	41.6	40	*
o-Xylene		50.0	52.8	ug/L	0.601	5.55	40	
m-,p-Xylene		100	110	ug/L	0.631	9.85	40	
1,2-Dichloroethene		100	110	ug/L	0.262	9.54	40	
Xylenes		150	163	ug/L	0.616	8.42	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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CONTINUING CALIBRATION VERIFICATION (CCV)

00086157

Login Number: L0710370 Run Date: 10/16/2007 Sample ID: WG252937-02
Instrument ID: HPMS6 Run Time: 09:30 Method: 8260B
File ID: 6M70021 Analyst: CMS QC Key: STD
Workgroup (AAB#): WG252939 Cal ID: HPMS6 - 12-SEP-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	53.4	ug/L	0.513	6.71	20	
1,1-Dichloroethene	CCC	50.0	51.5	ug/L	0.413	2.95	20	
1,2-Dichloropropane	CCC	50.0	53.3	ug/L	0.216	6.67	20	
Ethylbenzene	CCC	50.0	56.8	ug/L	0.525	13.6	20	
Toluene	CCC	50.0	58.2	ug/L	1.40	16.5	20	
Vinyl Chloride	CCC	50.0	48.4	ug/L	0.265	3.14	20	
Bromoform	SPCC	50.0	45.6	ug/L	0.179	8.83	40	
Chlorobenzene	SPCC	50.0	53.4	ug/L	0.941	6.79	40	
Chloromethane	SPCC	50.0	43.0	ug/L	0.277	14.1	40	
1,1-Dichloroethane	SPCC	50.0	53.8	ug/L	0.460	7.65	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	49.7	ug/L	0.349	0.592	40	
Acetone		50.0	43.7	ug/L	0.0324	12.7	40	
Benzene		50.0	57.2	ug/L	1.02	14.3	40	
Bromobenzene		50.0	56.1	ug/L	0.724	12.2	40	
Bromochloromethane		50.0	51.4	ug/L	0.146	2.86	40	
Bromodichloromethane		50.0	53.1	ug/L	0.361	6.23	40	
Bromomethane		50.0	46.0	ug/L	0.187	8.01	40	
2-Butanone		50.0	45.5	ug/L	0.0449	8.91	40	
n-Butylbenzene		50.0	50.2	ug/L	2.69	0.422	40	
sec-Butylbenzene		50.0	50.9	ug/L	3.25	1.89	40	
tert-Butylbenzene		50.0	51.0	ug/L	0.561	2.04	40	
Carbon Disulfide		50.0	55.2	ug/L	0.846	10.4	40	
Carbon Tetrachloride		50.0	50.9	ug/L	0.460	1.90	40	
Dibromochloromethane		50.0	48.8	ug/L	0.305	2.49	40	
Chloroethane		50.0	57.4	ug/L	0.201	14.8	40	
2-Chloroethyl Vinyl Ether		50.0	47.9	ug/L	0.0866	4.27	40	
2-Chlorotoluene		50.0	57.8	ug/L	2.31	15.7	40	
4-Chlorotoluene		50.0	55.8	ug/L	2.14	11.6	40	
1,2-Dibromo-3-Chloropropane		50.0	49.7	ug/L	0.0650	0.507	40	
1,2-Dibromoethane		50.0	53.1	ug/L	0.213	6.14	40	
Dibromomethane		50.0	48.9	ug/L	0.120	2.24	40	
1,2-Dichlorobenzene		50.0	53.6	ug/L	1.28	7.27	40	
1,3-Dichlorobenzene		50.0	54.2	ug/L	1.49	8.44	40	
1,4-Dichlorobenzene		50.0	52.6	ug/L	1.50	5.12	40	
Dichlorodifluoromethane		50.0	61.8	ug/L	0.448	23.5	40	
1,2-Dichloroethane		50.0	49.3	ug/L	0.330	1.42	40	
cis-1,2-Dichloroethene		50.0	56.5	ug/L	0.278	12.9	40	
trans-1,2-Dichloroethene		50.0	57.6	ug/L	0.268	15.1	40	
1,3-Dichloropropane		50.0	50.7	ug/L	0.363	1.49	40	
2,2-Dichloropropane		50.0	50.2	ug/L	0.463	0.482	40	
cis-1,3-Dichloropropene		50.0	48.9	ug/L	0.376	2.16	40	
trans-1,3-Dichloropropene		50.0	55.4	ug/L	0.439	10.7	40	

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CONTINUING CALIBRATION VERIFICATION (CCV)

00086158

Login Number: L0710370 Run Date: 10/16/2007 Sample ID: WG252937-02
Instrument ID: HPMS6 Run Time: 09:30 Method: 8260B
File ID: 6M70021 Analyst: CMS QC Key: STD
Workgroup (AAB#): WG252939 Cal ID: HPMS6 - 12-SEP-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloropropene		50.0	52.3	ug/L	0.378	4.60	40	
2-Hexanone		50.0	46.3	ug/L	0.0888	7.35	40	
Hexachlorobutadiene		50.0	54.2	ug/L	0.525	8.35	40	
Isopropylbenzene		50.0	49.8	ug/L	1.68	0.324	40	
p-Isopropyltoluene		50.0	50.7	ug/L	2.84	1.38	40	
4-Methyl-2-Pentanone		50.0	47.9	ug/L	0.0399	4.16	40	
Methylene Chloride		50.0	50.1	ug/L	0.247	0.147	40	
Naphthalene		50.0	49.9	ug/L	1.35	0.108	40	
n-Propylbenzene		50.0	60.3	ug/L	3.60	20.6	40	
Styrene		50.0	54.3	ug/L	1.05	8.66	40	
1,1,1,2-Tetrachloroethane		50.0	54.7	ug/L	0.366	9.35	40	
Tetrachloroethene		50.0	60.6	ug/L	0.403	21.2	40	
1,2,3-Trichlorobenzene		50.0	52.1	ug/L	0.765	4.14	40	
1,2,4-Trichlorobenzene		50.0	52.9	ug/L	0.944	5.87	40	
1,1,1-Trichloroethane		50.0	51.1	ug/L	0.502	2.10	40	
1,1,2-Trichloroethane		50.0	51.3	ug/L	0.201	2.69	40	
Trichloroethene		50.0	57.8	ug/L	0.278	15.6	40	
Trichlorofluoromethane		50.0	59.1	ug/L	0.642	18.1	40	
1,2,3-Trichloropropane		50.0	51.3	ug/L	0.119	2.56	40	
1,2,4-Trimethylbenzene		50.0	57.0	ug/L	2.68	14.0	40	
1,3,5-Trimethylbenzene		50.0	52.0	ug/L	2.57	3.99	40	
Vinyl Acetate		50.0	63.6	ug/L	0.309	27.2	40	
o-Xylene		50.0	55.0	ug/L	0.626	10.0	40	
m-,p-Xylene		100	115	ug/L	0.658	14.7	40	
1,2-Dichloroethene		100	114	ug/L	0.273	14.0	40	
Xylenes		150	170	ug/L	0.642	13.1	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

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CONTINUING CALIBRATION VERIFICATION (CCV)

00086159

Login Number: L0710370 Run Date: 10/14/2007 Sample ID: WG252784-02
Instrument ID: HPMS8 Run Time: 11:18 Method: 8260B
File ID: 8M340645 Analyst: CMS QC Key: STD
Workgroup (AAB#): WG252785 Cal ID: HPMS8 - 25-SEP-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	53.5	ug/L	0.414	6.92	20	
1,1-Dichloroethene	CCC	50.0	58.2	ug/L	0.396	16.4	20	
1,2-Dichloropropane	CCC	50.0	47.8	ug/L	0.219	4.35	20	
Ethylbenzene	CCC	50.0	49.4	ug/L	0.429	1.16	20	
Toluene	CCC	50.0	49.0	ug/L	1.19	1.98	20	
Vinyl Chloride	CCC	50.0	57.3	ug/L	0.130	14.6	20	
Bromoform	SPCC	50.0	56.4	ug/L	0.142	12.8	40	
Chlorobenzene	SPCC	50.0	46.0	ug/L	0.812	8.00	40	
Chloromethane	SPCC	50.0	54.3	ug/L	0.225	8.64	40	
1,1-Dichloroethane	SPCC	50.0	52.6	ug/L	0.449	5.12	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	46.2	ug/L	0.320	7.51	40	
Acetone		50.0	47.7	ug/L	0.0339	4.68	40	
Benzene		50.0	46.4	ug/L	0.855	7.12	40	
Bromobenzene		50.0	49.0	ug/L	0.665	1.93	40	
Bromochloromethane		50.0	51.1	ug/L	0.137	2.26	40	
Bromodichloromethane		50.0	55.7	ug/L	0.288	11.4	40	
Bromomethane		50.0	54.2	ug/L	0.157	8.42	40	
2-Butanone		50.0	43.0	ug/L	0.0468	13.9	40	
n-Butylbenzene		50.0	56.4	ug/L	2.22	12.8	40	
sec-Butylbenzene		50.0	54.6	ug/L	2.76	9.13	40	
tert-Butylbenzene		50.0	54.1	ug/L	0.524	8.16	40	
Carbon Disulfide		50.0	46.3	ug/L	0.591	7.34	40	
Carbon Tetrachloride		50.0	64.7	ug/L	0.365	29.4	40	
Dibromochloromethane		50.0	56.6	ug/L	0.255	13.2	40	
Chloroethane		50.0	48.8	ug/L	0.172	2.38	40	
2-Chloroethyl Vinyl Ether		50.0	41.6	ug/L	0.0801	16.7	40	
2-Chlorotoluene		50.0	51.2	ug/L	2.09	2.35	40	
4-Chlorotoluene		50.0	50.3	ug/L	1.91	0.659	40	
1,2-Dibromo-3-Chloropropane		50.0	47.6	ug/L	0.0560	4.75	40	
1,2-Dibromoethane		50.0	49.8	ug/L	0.183	0.494	40	
Dibromomethane		50.0	50.2	ug/L	0.101	0.479	40	
1,2-Dichlorobenzene		50.0	47.8	ug/L	1.15	4.33	40	
1,3-Dichlorobenzene		50.0	49.3	ug/L	1.35	1.30	40	
1,4-Dichlorobenzene		50.0	48.6	ug/L	1.33	2.74	40	
Dichlorodifluoromethane		50.0	59.9	ug/L	0.316	19.8	40	
1,2-Dichloroethane		50.0	53.7	ug/L	0.283	7.34	40	
cis-1,2-Dichloroethene		50.0	51.3	ug/L	0.250	2.54	40	
trans-1,2-Dichloroethene		50.0	53.9	ug/L	0.371	7.81	40	
1,3-Dichloropropane		50.0	47.3	ug/L	0.308	5.36	40	
2,2-Dichloropropane		50.0	60.4	ug/L	0.395	20.9	40	
cis-1,3-Dichloropropene		50.0	50.0	ug/L	0.328	0.0358	40	
trans-1,3-Dichloropropene		50.0	51.4	ug/L	0.353	2.84	40	

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CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number: L0710370 Run Date: 10/14/2007 Sample ID: WG252784-02
Instrument ID: HPMS8 Run Time: 11:18 Method: 8260B
File ID: 8M340645 Analyst: CMS QC Key: STD
Workgroup (AAB#): WG252785 Cal ID: HPMS8 - 25-SEP-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloropropene		50.0	55.2	ug/L	0.323	10.4	40	
2-Hexanone		50.0	41.1	ug/L	0.0440	17.8	40	
Hexachlorobutadiene		50.0	64.8	ug/L	0.328	29.6	40	
Isopropylbenzene		50.0	51.8	ug/L	1.35	3.50	40	
p-Isopropyltoluene		50.0	55.1	ug/L	2.50	10.1	40	
4-Methyl-2-Pentanone		50.0	41.4	ug/L	0.0375	17.3	40	
Methylene Chloride		50.0	48.7	ug/L	0.214	2.61	40	
Naphthalene		50.0	43.8	ug/L	1.08	12.3	40	
n-Propylbenzene		50.0	53.3	ug/L	3.18	6.59	40	
Styrene		50.0	48.1	ug/L	0.867	3.87	40	
1,1,1,2-Tetrachloroethane		50.0	53.6	ug/L	0.284	7.26	40	
Tetrachloroethene		50.0	55.5	ug/L	0.268	11.1	40	
1,2,3-Trichlorobenzene		50.0	45.6	ug/L	0.501	8.76	40	
1,2,4-Trichlorobenzene		50.0	48.8	ug/L	0.735	2.38	40	
1,1,1-Trichloroethane		50.0	60.7	ug/L	0.402	21.3	40	
1,1,2-Trichloroethane		50.0	47.1	ug/L	0.175	5.84	40	
Trichloroethene		50.0	53.1	ug/L	0.260	6.15	40	
Trichlorofluoromethane		50.0	60.2	ug/L	0.431	20.4	40	
1,2,3-Trichloropropane		50.0	49.3	ug/L	0.106	1.36	40	
1,2,4-Trimethylbenzene		50.0	51.3	ug/L	2.27	2.64	40	
1,3,5-Trimethylbenzene		50.0	52.1	ug/L	2.22	4.22	40	
Vinyl Acetate		50.0	38.5	ug/L	0.147	23.0	40	
o-Xylene		50.0	48.4	ug/L	0.539	3.16	40	
m-,p-Xylene		100	92.6	ug/L	0.521	7.41	40	
1,2-Dichloroethene		100	105	ug/L	0.310	5.17	40	
Xylenes		150	141	ug/L	0.530	5.99	40	

* 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)

Login Number: L0710370
Instrument ID: HPMS6
Workgroup (AAB#): WG252772

CCV Number: WG252771-02
CAL ID: HPMS6-12-SEP-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG252771-02	NA	NA	397107	665412	857111
Upper Limit	NA	NA	794214	1330824	1714222
Lower Limit	NA	NA	198554	332706	428556
L0710370-02	25.0	DL01	268919	483288	619185
WG252772-01	1.00	01	336597	609232	793390
WG252772-02	1.00	01	370766	632173	821483
WG252772-03	1.00	01	382750	653448	853051
WG252772-04	1.00	01	263327	464946	599489

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
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KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number: L0710370
Instrument ID: HPMS8
Workgroup (AAB#): WG252785

CCV Number: WG252784-02
CAL ID: HPMS8-25-SEP-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG252784-02	NA	NA	249024	470380	599138
Upper Limit	NA	NA	498048	940760	1198276
Lower Limit	NA	NA	124512	235190	299569
L0710370-01	10.0	DL01	241244	435008	563972
L0710370-02	100	DL02	245538	444429	564144
WG252785-01	1.00	01	241217	445269	571443
WG252785-02	1.00	01	245706	457799	577568
WG252785-03	1.00	01	244485	442884	573228
WG252785-04	1.00	01	248083	453776	575380
WG252785-05	1.00	01	253869	462767	584557

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 906211
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KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number: L0710370
Instrument ID: HPMS6
Workgroup (AAB#): WG252939

CCV Number: WG252937-02
CAL ID: HPMS6-12-SEP-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG252937-02	NA	NA	416574	717379	951165
Upper Limit	NA	NA	833148	1434758	1902330
Lower Limit	NA	NA	208287	358690	475583
L0710370-03	25.0	DL01	337034	607562	806593
WG252939-01	1.00	01	355551	638874	841567
WG252939-02	1.00	01	376220	647369	836608
WG252939-03	1.00	01	261110	470771	611114
WG252939-04	1.00	01	332740	544230	681592
WG252939-05	1.00	01	344479	580601	743167

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number: L0710370 **CCV Number:** WG252771-02
Instrument ID: HPMS6 **CAL ID:** HPMS6-12-SEP-07
Workgroup (AAB#): WG252772 **Matrix:** WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG252771-02	NA	NA	19.05	15.5	11.01
Upper Limit	NA	NA	19.55	16	11.51
Lower Limit	NA	NA	18.55	15	10.51
L0710370-02	25.0	DL01	19.05	15.5	11.02
WG252772-01	1.00	01	19.05	15.5	11.01
WG252772-02	1.00	01	19.05	15.5	11.02
WG252772-03	1.00	01	19.05	15.49	11.02
WG252772-04	1.00	01	19.05	15.49	11.02

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 906213
Report generated 10/17/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number:L0710370 CCV Number:WG252784-02
Instrument ID:HPMS8 CAL ID: HPMS8-25-SEP-07
Workgroup (AAB#):WG252785 Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG252784-02	NA	NA	17.61	14.59	10.71
Upper Limit	NA	NA	18.11	15.09	11.21
Lower Limit	NA	NA	17.11	14.09	10.21
L0710370-01	10.0	DL01	17.6	14.59	10.71
L0710370-02	100	DL02	17.6	14.58	10.71
WG252785-01	1.00	01	17.6	14.59	10.72
WG252785-02	1.00	01	17.61	14.59	10.71
WG252785-03	1.00	01	17.61	14.59	10.71
WG252785-04	1.00	01	17.6	14.58	10.71
WG252785-05	1.00	01	17.6	14.58	10.71

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 906213
Report generated 10/17/2007 14:22

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number: L0710370
Instrument ID: HPMS6
Workgroup (AAB#): WG252939

CCV Number: WG252937-02
CAL ID: HPMS6-12-SEP-07
Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG252937-02	NA	NA	19.05	15.5	11.02
Upper Limit	NA	NA	19.55	16	11.52
Lower Limit	NA	NA	18.55	15	10.52
L0710370-03	25.0	DL01	19.05	15.49	11.01
WG252939-01	1.00	01	19.05	15.5	11.02
WG252939-02	1.00	01	19.05	15.5	11.01
WG252939-03	1.00	01	19.05	15.49	11.02
WG252939-04	1.00	01	19.05	15.5	11.01
WG252939-05	1.00	01	19.05	15.49	11.02

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 **PDF File ID: 906213**
Report generated 10/17/2007 14:22

2.2 General Chemistry Data

2.2.1 Perchlorate Data

2.2.1.1 Summary Data

LABORATORY REPORT

00086170

L0710370

10/18/07 14:21

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 Drive Suite 4N
Houston, TX 77042
Attention: Larry Duty

Account Number: 2773
Work ID: LHAAP

P.O. Number: 322255 OP

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
16WW40-101007	L0710370-01	314.0	8	12-OCT-07
16WW40-101007	L0710370-01	314.0	40	12-OCT-07
16WW12-101107	L0710370-02	314.0	10	12-OCT-07
16WW12-101107	L0710370-02	314.0	60	12-OCT-07
16WW39-101107	L0710370-03	314.0	8	12-OCT-07
16WW39-101107	L0710370-03	314.0	40	12-OCT-07

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086171

Sample Number: **L0710370-01**
Client ID: **16WW40-101007**
Matrix: **Water**
Workgroup Number: **WG253071**
Collect Date: **10/11/2007 09:30**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **8**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **10/16/2007 12:57**
Cal Date: **10/16/2007 10:14**
Run Date: **10/16/2007 12:57**
File ID: **I11016071257.14**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Perchlorate	**14797-73-0**		**U**	**8.00**	**4.00**

U Not detected at or above adjusted sample detection limit

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086172

Sample Number: **L0710370-01**
Client ID: **16WW40-101007**
Matrix: **Water**
Workgroup Number: **WG253071**
Collect Date: **10/11/2007 09:30**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **40**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **10/16/2007 20:06**
Cal Date: **10/12/2007 11:43**
Run Date: **10/16/2007 20:06**
File ID: **I11016072006.35**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Perchlorate	**14797-73-0**	**4540**		**40.0**	**20.0**

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086173

Sample Number: **L0710370-02**
Client ID: **16WW12-101107**
Matrix: **Water**
Workgroup Number: **WG253071**
Collect Date: **10/11/2007 01:10**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **10**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **10/16/2007 13:38**
Cal Date: **10/16/2007 10:14**
Run Date: **10/16/2007 13:38**
File ID: **I11016071338.16**

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

U Not detected at or above adjusted sample detection limit

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086174

Sample Number: **L0710370-02**
Client ID: **16WW12-101107**
Matrix: **Water**
Workgroup Number: **WG253071**
Collect Date: **10/11/2007 01:10**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **60**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **10/16/2007 20:26**
Cal Date: **10/12/2007 11:43**
Run Date: **10/16/2007 20:26**
File ID: **I11016072026.36**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Perchlorate	**14797-73-0**	**5990**		**60.0**	**30.0**

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086175

Sample Number: **L0710370-03**
Client ID: **16WW39-101107**
Matrix: **Water**
Workgroup Number: **WG253071**
Collect Date: **10/11/2007 02:40**
Sample Tag: **DL01**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **8**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **10/16/2007 13:58**
Cal Date: **10/16/2007 10:14**
Run Date: **10/16/2007 13:58**
File ID: **I11016071358.17**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Perchlorate	**14797-73-0**		**U**	**8.00**	**4.00**

U Not detected at or above adjusted sample detection limit

Report Number: **L0710370**
Report Date : **October 18, 2007**

00086176

Sample Number: **L0710370-03**
Client ID: **16WW39-101107**
Matrix: **Water**
Workgroup Number: **WG253071**
Collect Date: **10/11/2007 02:40**
Sample Tag: **DL02**

PrePrep Method: **NONE**
Prep Method: **314.0**
Analytical Method: **314.0**
Analyst: **DSF**
Dilution: **40**
Units: **ug/L**

Instrument: **IC1**
Prep Date: **10/16/2007 20:47**
Cal Date: **10/12/2007 11:43**
Run Date: **10/16/2007 20:47**
File ID: **I11016072047.37**

Analyte	CAS. Number	Result	Qual	PQL	SDL
Perchlorate	**14797-73-0**	**2760**		**40.0**	**20.0**

2.2.1.2 QC Summary Data

The concentrations (ppm) of the calibration standards and the resulting area counts are used to determine the equation of a linear or quadratic plot.
The slope and y-intercept of that line are used to calculate the quantity of the analyzed unkown samples.
Amount(ppm) = [(slope)(area count of unknown) + y-intercept](dilution)
(The slope is the amt/area also identified as the CF or calibration factor)

KEMRON Environmental Services

Instrument Run Log

Instrument: IC1 Dataset: 101607 CLO4 IC1.SEQ

Analyst1: DSF Analyst2: NA

Method: CLO4 SOP: IC2 Rev: 4

Maintenance Log ID: 21328

Column 1 ID: AS16-4MM Column 2 ID: NA

Workgroups: WG253071

Internal STD: NA Surrogate STD: NA Calibration STD STD20008

Comments:

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
1	I11016070832.01	CLO4 @ 100 ppb	1	1		10/16/07 08:32
2	I11016070852.02	CLO4 @ 50 ppb	1	1		10/16/07 08:52
3	I11016070913.03	CLO4 @ 25 ppb	1	1		10/16/07 09:13
4	I11016070933.04	CLO4 @ 10 ppb	1	1		10/16/07 09:33
5	I11016070954.05	CLO4 @ 4 ppb	1	1		10/16/07 09:54
6	I11016071014.06	CLO4 @ 1 ppb	1	1		10/16/07 10:14
7	I11016071034.07	CLO4 ALT @ 25 ppb	1	1		10/16/07 10:34
8	I11016071055.08	ELUENT	1	1		10/16/07 10:55
9	I11016071115.09	MCT \#4 (@25 ppb)	1	1		10/16/07 11:15
10	I11016071136.10	MCT \#5 (@25 ppb)	1	1		10/16/07 11:36
11	I11016071156.11	CCV (1 ppb) CLO4	1	1		10/16/07 11:56
12	I11016071216.12	WG253071-01 BLANK	1	1		10/16/07 12:16
13	I11016071237.13	WG253071-02 LCS (25 ppb)	1	1		10/16/07 12:37
14	I11016071257.14	L0710370-01 1/8 REF	1	8		10/16/07 12:57
15	I11016071318.15	WG253071-04 DUP 370-01 1/8	1	8		10/16/07 13:18
16	I11016071338.16	L0710370-02 1/10	1	10		10/16/07 13:38
17	I11016071358.17	L0710370-03 1/8	1	8		10/16/07 13:58
18	I11016071419.18	L0710416-01	1	1		10/16/07 14:19
19	I11016071439.19	L0710416-02	1	1		10/16/07 14:39
20	I11016071500.20	L0710416-03	1	1		10/16/07 15:00
21	I11016071520.21	L0710416-04	1	1		10/16/07 15:20
22	I11016071541.22	CCV (25 ppb) CLO4	1	1		10/16/07 15:41
23	I11016071601.23	L0710416-05 1/2	1	2		10/16/07 16:01
24	I11016071621.24	L0710416-06	1	1		10/16/07 16:21
25	I11016071642.25	L0710416-07 1/4	1	4		10/16/07 16:42
26	I11016071702.26	L0710416-08 1/2	1	2		10/16/07 17:02
27	I11016071723.27	L0710416-09 1/2	1	2		10/16/07 17:23
28	I11016071743.28	L0710416-10 1/3	1	3		10/16/07 17:43
29	I11016071803.29	L0710416-11 1/2 REF	1	2		10/16/07 18:03
30	I11016071824.30	WG253071-06 DUP 1/2	1	2		10/16/07 18:24
31	I11016071844.31	L0710416-12 MS 1/2	1	2		10/16/07 18:44
32	I11016071905.32	L0710416-13 MSD 1/2	1	2		10/16/07 19:05
33	I11016071925.33	L0710416-14	1	1		10/16/07 19:25
34	I11016071945.34	CCV (50 ppb) CLO4	1	1		10/16/07 19:45
35	I11016072006.35	L0710370-01 RR 1/40	1	40		10/16/07 20:06

Page: 1 Approved: 17-OCT-07

KEMRON Environmental Services

Instrument Run Log

Instrument: IC1 Dataset: 101607 CLO4 IC1.SEQ
Analyst1: DSF Analyst2: NA
Method: CLO4 SOP: IC2 Rev: 4

Maintenance Log ID: 21328

Column 1 ID: AS16-4MM Column 2 ID: NA
Workgroups: WG253071
Internal STD: NA Surrogate STD: NA STD20008

Seq.	File ID	Sample Information	Mat	Dil	Reference	Date/Time
36	I11016072026.36	L0710370-02 RR 1/60	1	60		10/16/07 20:26
37	I11016072047.37	L0710370-03 RR 1/40	1	40		10/16/07 20:47
38	I11016072107.38	L0710416-03 RR 1/3	1	3		10/16/07 21:07
39	I11016072127.39	CCV (100 ppb) CLO4	1	1		10/16/07 21:27

Comments

Seq.	Rerun	Dil.	Reason	Analytes
14		8		
	Sample analyzed at a dilution only due to high conductivity reading. Re-analyzed at a further dilution (1/40) to verify if unknown peak was perchlorate.			
16		10		
	Sample analyzed at a dilution only due to high conductivity reading. Re-analyzed at a further dilution (1/60) to verify if unknown peak was perchlorate.			
17		8		
	Sample analyzed at a dilution only due to high conductivity reading. Re-analyzed at a further dilution (1/40) to verify if unknown peak was perchlorate.			
20		3	Over Calibration Range	Perchlorate
23		2		
	Sample analyzed at a dilution only due to high conductivity reading.			
25		4		
	Sample analyzed at a dilution only due to high conductivity reading.			
26		2		
	Sample analyzed at a dilution only due to high conductivity reading.			
27		2		
	Sample analyzed at a dilution only due to high conductivity reading.			
28		3		
	Sample analyzed at a dilution only due to high conductivity reading.			
29		2		
	Sample analyzed at a dilution only due to high conductivity reading.			

Page: 2 Approved: 17-OCT-07

KEMRON Environmental Services
Data Checklist

Date: 16-OCT-2007
Analyst: DSF
Analyst: NA
Method: CLO4
Instrument: IC1
Curve Workgroup: NA
Runlog ID: 18825
Analytical Workgroups: L0710370, L0710416

ANALYTICAL	
System Performance Check	X
DFTPP (MS)	NA
Endrin/DDT breakdown (8081/MS)	NA
Pentachlorophenol/benzidine tailing (MS)	NA
Eluent check (IC)/system pressure (HPLC)	X
Window standard (FID)	NA
Initial Calibration	X
Average RF	NA
Linear regression or higher order curve	X
Alternate source standard (ICV) % Difference	X
Continuing Calibration (CCV)	X
% D/% Drift	X
Minimum response factors (MS)	NA
Continuing calibration blank (CCB) (IC)	NA
Special standards	NA
Blanks	X
TCL hits	X
Surrogate recoveries	NA
LCS/LCSD (Laboratory Control Sample)	X
Recoveries	X
Surrogate recoveries	NA
MS/MSD/Sample duplicates	X
Recoveries	X
%RPD	X
Samples	X
TCL hits	X
Mass spectra (MS/HPLC)/2nd column confirmations (ECD/FID/HPLC)	NA
Surrogate recoveries	NA
Internal standard areas (MS)	NA
Library searches (MS)	NA
Calculations & correct factors	X
Compounds above calibration range	X
Reruns	X
Manual integrations	X
Project/client specific requirements	X
REPORTING	
Upload batch form	X
KOBRA workgroup data/forms/bench sheets	X
Case narratives	X
Check for completeness	X
Primary Reviewer	DSF
SUPERVISORY/SECONDARY REVIEW	
Check for compliance with method and project specific requirements	X
Check the completeness/accuracy of reported information	X
Data qualifiers	X
Secondary Reviewer	ECL

Primary Reviewer: Debra S. Frederick

Secondary Reviewer: Eric C. Zumwalt
17-OCT-2007

Generated: OCT-17-2007 15:31:21

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 314.0 **AAB#:** WG253071

Login Number: L0710370

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
16WW40-101007	10/11/07	10/12/07	10/16/07	28	5.44	10/16/07	28	5.44	
16WW40-101007	10/11/07	10/12/07	10/16/07	28	5.14	10/16/07	28	5.14	
16WW12-101107	10/11/07	10/12/07	10/16/07	28	5.80	10/16/07	28	5.80	
16WW39-101107	10/11/07	10/12/07	10/16/07	28	5.47	10/16/07	28	5.47	
16WW12-101107	10/11/07	10/12/07	10/16/07	28	5.52	10/16/07	28	5.52	
16WW39-101107	10/11/07	10/12/07	10/16/07	28	5.75	10/16/07	28	5.75	

*** EXT = SEE PROJECT QAPP REQUIREMENTS**

***ANAL = SEE PROJECT QAPP REQUIREMENTS**

METHOD BLANK SUMMARY

Login Number: L0710370
Work Group: WG253071
Blank File ID: I11016071216.12
Blank Sample ID: WG253071-01
Prep Date: 10/16/07 12:16
Instrument ID: IC1
Analyzed Date: 10/16/07 12:16
Method: 314.0
Analyst: DSF

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG253071-02	I11016071237.13	10/16/07 12:37	01
16WW40-101007	L0710370-01	I11016071257.14	10/16/07 12:57	DL01
DUP	WG253071-04	I11016071318.15	10/16/07 13:18	DL01
16WW12-101107	L0710370-02	I11016071338.16	10/16/07 13:38	DL01
16WW39-101107	L0710370-03	I11016071358.17	10/16/07 13:58	DL01
DUP	WG253071-06	I11016071824.30	10/16/07 18:24	DL01
16WW40-101007	L0710370-01	I11016072006.35	10/16/07 20:06	DL02
16WW12-101107	L0710370-02	I11016072026.36	10/16/07 20:26	DL02
16WW39-101107	L0710370-03	I11016072047.37	10/16/07 20:47	DL02

METHOD BLANK REPORT

Login Number: L0710370 Prep Date: 10/16/07 12:16 Sample ID: WG253071-01
Instrument ID: IC1 Run Date: 10/16/07 12:16 Prep Method: 314.0
File ID: I11016071216.12 Analyst: DSF Method: 314.0
Workgroup (AAB#): WG253071 Matrix: Water Units: ug/L
Contract #: DACA56-94-D-0020 Cal ID: IC1-16-OCT-07

Analytes	SDL	PQL	Concentration	Dilution	Qualifier
Perchlorate	0.500	1.00	0.500	1	U

SDL Method Detection Limit
PQL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 908129
Report generated 10/17/2007 16:01

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0710370 Run Date: 10/16/2007 Sample ID: WG253071-02
Instrument ID: IC1 Run Time: 12:37 Prep Method: 314.0
File ID: I11016071237.13 Analyst: DSF Method: 314.0
Workgroup (AAB#): WG253071 Matrix: Water Units: ug/L
QC Key: STD Lot#: STD20008 Cal ID: IC1-16-OCT-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Perchlorate	25.0	24.1	96.5	85 - 115	

KEMRON FORMS - Modified 09/06/2007
Version 1.5 PDF File ID: 908130
Report generated 10/17/2007 16:01

DUPLICATE (DUP)

Sample Ref: L0710370-01 Cal ID: IC1-16-OCT-2007 Worknum: WG253071
Instrument ID: IC1 Method: 314
Sample ID: WG253071-03 File ID: I11016071257.14 Dil: 8 Matrix: WATER
Duplicate ID: WG253071-04 File ID: I11016071318.15 Dil: 8 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: 908131
Report generated 10/17/2007 16:01

3.0 Attachments

Kemron Environmental Services
Analyst Listing
October 18, 2007

AJF – AMANDA J. FICKIESEN
ALB – ANNIE L. BROWN
AML – ANTHONY M. LONG
ARA – ADRIAN R. ACHTERMANN
ASP – AARON S. PETRIE
BRG – BRENDA R. GREGORY
CAA – CASSIE A. AUGENSTEIN
CAF – CHERYL A. FLOWERS
CEB – CHAD E. BARNES
CLC – CHRYS L. CRAWFORD
CLW – CHARISSA L. WINTERS
CM – CHARLIE MARTIN
CMS – CRYSTAL M. STEPHENS
CPD – CHAD P. DAVIS
CSH – CHRIS S. HILL
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
DST – DENNIS S. TEPE
ECL – ERIC C. LAWSON
ED – EMILY E. DECKER
ERE – ERIN R. ELDER
FJB – FRANCES J. BOLDEN
HAV – HEMA VILASAGAR
HJR – HOLLY J. REED
JAB – JUANITA A. BECKER
JAL – JOHN A. LENT
JBK – JEREMY B. KINNEY
JCO – JOE C. OWENS
JDH – JUSTIN D. HESSON
JKP – JACQUELINE K. PARSONS
JKT – JANE K. THOMPSON
JWR – JOHN W. RICHARDS
JWS – JACK W. SHEAVES
JYH – JI Y. HU
KCZ – KEVIN C. ZUMBRO
KEB – KATHRYN E. BARNES
KHR – KIM H. RHODES
KJW – KATIE J. WIEFERICH
KRA – KATHY R. ALBERTSON
KRV – KATHRINE R. VICKERS
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
MMB – MAREN M. BEERY
MRT – MICHELLE R. TAYLOR
MSW – MATT S. WILSON
NJB – NATALIE J. BOOTH
PJM – PAUL J. MILLER
RAH – ROY A. HALSTEAD
RB – ROBERT BUCHANAN
REK – ROBERT E. KYER
RLF – RACHEL L. FRYE
RLK – ROBIN L. KLINGER
RNP – RICK N. PETTY
RWC – RODNEY W. CAMPBELL
SLM – STEPHANIE L. MOSSBURG
SLP – SHERI L. PFALZGRAF
SMH – SHAUNA M. HYDE
TDH – TRICIA D. HUCK
TMB – TIFFANY M. BAILEY
TMM – TAMMY M. MORRIS
VC – VICKI COLLIER
WFM – WALTER F. MARTIN

KEMRON Environmental Services

List of Valid Qualifiers

October 18, 2007

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%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
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
ND,L	Not detected; sample reporting limit (RL) elevated due to interference
ND,S	Not detected; analyzed by method of standard addition (MSA)
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 (MSA)
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
X, S	Exceeds regulatory limit; method of standard additions (MSA)
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.

Chain of Custody

NO. 10226

Shaw® Shaw Environmental & Infrastructure, Inc.
3010 Briarpark Drive, Suite 400
Houston, TX 77042
(713) 996-4400

Laboratory Name: KEMRON Address: 156. Starlite DR. Marietta, OH 45750 Contact: STEPHANIE MOSSBURG

Project Name ~~H7591.0003C100~~ LHAAP Project Location KARNALK, Tx.

Project No. 117591.0003C100 Project Contact KAY EVERETT Project Telephone No. 713-996-4421

Point of Contact: KAY EVERETT Telephone No. 713-996-4421

Project Manager/Supervisor: PRAVEEN SRIVASTAV

Item No.	~~Telephone~~ Sample Number	Date	Time	Comp	Grab	Matrix	Sample Description, Location	Number of Containers	VOC	Perchlorate						Remarks
1	16WW40-101007	10/10/07	9:30		✓	W	Groundwater, Site 16	3	2	1						
2	16WW12-101107	10/11/07	1:10		✓	W	Groundwater, Site 16	3	2	1						
3	16WW39-101107	10/11/07	2:40		✓	W	Groundwater, Site 16	3	2	1						
4																
5																
6																
7																
8																
9																
10																

Analysis and Method Desired (Indicate separate containers)

Transfers Relinquished By (signature)	Date/Time	Transfers Accepted By (signature)	Date/Time	Special Instructions
Scott Beesinger	10/11/07 3:40			7 DAY TAT
				FedEx Airbill No.:
		Laboratory	10/12/07 1000	Sampler's Signature Scott Beesinger

TAT: ____ Standard ____ Rush Date ____ Seals Intact? ____ Y ____ N Received Good Condition ____ Y ____ N ____ Cold

White - Lab Copy Canary - Field Copy Pink - File Copy

Form Number: 433_1
Rev. 03-19-07

KEMRON Environmental Services

SAMPLE RECEIPT FORM

00086191

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

Client:	Shaw - Houston, TX
Workorder Number:	B
Date Received:	10-12-07
Delivered by:	( ) Fedx (✓) UPS ( ) Client ( ) Courier Time: 1000
Opened by:	RLK
IR Temp Gun:	(✓) D ( ) G
Logged by:	T.L. L 10-370

Cooler information

Cooler ID	Temp C	Airbill#	COC#	Other
1274	5	17666	10226	water

Inspection Checklist	Y	N	NA	Discrepancy ID
Were shipping coolers sealed?	✓			
Were custody seals intact?	✓			
Were cooler temperatures in range of 0 - 6?	✓			
Was ice present?	✓			
Were COC's received/information complete/signed/dated?	✓			
Were sample containers and labels intact?	✓			
Were correct containers used?	✓			
Were correct preservatives used (water only)?	✓			
Were pH ranges acceptable?			✓	
Were VOA samples free of headspace?	✓			
Were samples received within EPA hold times?	✓			

Discrepancy/Comments/Other Problems

Distribution

Name of KEMRON representative
Client/Company:
Person Contacted:
Date contacted:

Resolution/other comments:

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0710370
Account: 2773
Project: 2773.025
Samples: 3
Due Date: 17-OCT-2007

Samplenum	Container ID	Products
L0710370-03	384354	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-OCT-2007 14:51	AML	
2	ANALYZ	W1	SEM	16-OCT-2007 07:37	DSF	JKT
3	STORE	SEM	A1	17-OCT-2007 08:52	JKT	DSF

Samplenum	Container ID	Products
L0710370-02	384351	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-OCT-2007 14:51	AML	
2	ANALYZ	V1	ORG4	13-OCT-2007 15:54	MES	JKT

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-OCT-2007 14:51	AML	
2	ANALYZ	V1	ORG4	13-OCT-2007 15:54	MES	JKT

Samplenum	Container ID	Products
L0710370-02	384352	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-OCT-2007 14:51	AML	
2	ANALYZ	W1	SEM	16-OCT-2007 07:37	DSF	JKT
3	STORE	SEM	A1	17-OCT-2007 08:52	JKT	DSF

Samplenum	Container ID	Products
L0710370-03	384353	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-OCT-2007 14:51	AML	
2	ANALYZ	V1	ORG4	13-OCT-2007 15:54	MES	JKT

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-OCT-2007 14:51	AML	
2	ANALYZ	V1	ORG4	13-OCT-2007 15:54	MES	JKT

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report
Login: L0710370
Account: 2773
Project: 2773.025
Samples: 3
Due Date: 17-OCT-2007

Samplenum	Container ID	Products
L0710370-01	384349	826-LOW

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-OCT-2007 14:51	AML	
2	ANALYZ	V1	ORG4	13-OCT-2007 15:54	MES	JKT

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	12-OCT-2007 14:51	AML	
2	ANALYZ	V1	ORG4	13-OCT-2007 15:54	MES	JKT

Samplenum	Container ID	Products
L0710370-01	384350	CLO4

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	12-OCT-2007 14:51	AML	
2	ANALYZ	W1	SEM	16-OCT-2007 07:37	DSF	JKT
3	STORE	SEM	A1	17-OCT-2007 08:52	JKT	DSF

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login